A

Abdominal migraine (disorder) 1

Acute bronchitis with bronchospasm (disorder) 3

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| 75879005 | [Abdominal migraine (disorder)]➞(Has definitional manifestation)➞  [Abdominal migraine - symptom (finding)] |
| stated: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[4, 8, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Finding site➞[1]  Concept[1] Vascular structure of intestine (body structure)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Abdominal migraine - symptom (finding)   Concept[9] Disorder of intestine (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[12]  Necessary[12]➞[11]  And[11]➞[4, 9, 5, 10]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Abdominal migraine - symptom (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Finding site➞[6]  Concept[6] Vascular structure of intestine (body structure)   Concept[5] Vascular disorder of intestine (disorder)   Concept[10] Disorder characterized by pain (disorder)   ⦙77::ACTIVE 2006-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | *Abdominal migraine - symptom (finding)* has some of the features of situation with explicit context because of the *finding informer* of *finding reported by subject of record or other provider of history*. An is-a would probably not be appropriate, as a single episode of an *Abdominal migraine - symptom (finding)* may not be sufficient to conclude that the patient has an *Abdominal migraine (disorder).* An *Associated finding* may be an alternative relationship. |
| review: |  |

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| 80257001 | [Acute bronchitis with bronchospasm (disorder)]➞(Has definitional manifestation)➞  [Bronchospasm (finding)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Bronchospasm (finding)   Concept[5] Acute bronchitis (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Sufficient[17]➞[16]  And[16]➞[5, 9, 15, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Clinical course➞[2]  Concept[2] Sudden onset AND/OR short duration (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Bronchospasm (finding)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Acute inflammation (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Bronchial structure (body structure)   Concept[1] Acute bronchitis (disorder)   ⦙89::ACTIVE 2009-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | REPLACE WITH IS-A. Bronchospasm is not the primary focus of the concept, but the concept clearly states that bronchospasm must be present at least episodically during the *Acute bronchitis*. |
| review: |  |

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| 84625002 | [Acute febrile neutrophilic dermatosis (disorder)]➞(Has definitional manifestation)➞  [Neutrophilia (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 8, 15, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Associated with➞[1]  Concept[1] Fever (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Neutrophilia (finding)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Infiltration (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Skin structure (body structure)   Concept[9] Acute skin disorder (disorder)   ⦙8::ACTIVE 2009-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[23]  Necessary[23]➞[22]  And[22]➞[4, 8, 13, 21, 15, 14, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Clinical course➞[1]  Concept[1] Sudden onset AND/OR short duration (qualifier value)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Neutrophilia (finding)   Some[13] role group➞[12]  And[12]➞[11]  Some[11] Associated with➞[10]  Concept[10] Fever (finding)   Some[21] role group➞[20]  And[20]➞[19, 17]  Some[19] Associated morphology➞[18]  Concept[18] Infiltration (morphologic abnormality)   Some[17] Finding site➞[16]  Concept[16] Skin structure (body structure)   Concept[15] Febrile disorder (disorder)   Concept[14] Acute skin disorder (disorder)   Concept[9] Skin lesion (disorder)   ⦙89::ACTIVE 2009-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | Delete definitional manifestation relationship. Add IS-A relationship to *Neutrophilia (disorder).* Neutrophilia (disorder) has a definitional manifestation relationship to Neutrophilia (finding) that will be dealt with separately. |
| review: |  |

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| 192038005 | [Acute fugue state due to acute stress reaction (disorder)]➞(Has definitional manifestation)➞  [Fugue (finding)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Fugue (finding)   Concept[1] Acute stress disorder (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[15]  Sufficient[15]➞[14]  And[14]➞[5, 9, 13, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Clinical course➞[2]  Concept[2] Sudden onset AND/OR short duration (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Fugue (finding)   Some[13] role group➞[12]  And[12]➞[11]  Some[11] Has definitional manifestation➞[10]  Concept[10] Anxiety (finding)   Concept[1] Acute stress disorder (disorder)   ⦙79::ACTIVE 2007-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | Replace with IS-A. You can’t be in an acute fuge state without having all the features of Fuge. There are some subtleties here about some conditions having only episodic presence (seizures only being either episodically present, or having a predisposition to being present in someone with a seizer disorder) where as this finding. |
| review: |  |

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| 192037000 | [Acute panic state due to acute stress reaction (disorder)]➞(Has definitional manifestation)➞  [Panic (finding)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Panic (finding)   Concept[1] Acute stress disorder (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[12]  Sufficient[12]➞[11]  And[11]➞[6, 10, 2, 1]  Some[6] role group➞[5]  And[5]➞[4]  Some[4] Has definitional manifestation➞[3]  Concept[3] Panic (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Clinical course➞[7]  Concept[7] Sudden onset AND/OR short duration (qualifier value)   Concept[2] Acute stress disorder (disorder)   Concept[1] Panic disorder (disorder)   ⦙79::ACTIVE 2007-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | Replace with IS-A. You can’t be in an acute panic state without having all the features of panic. |
| review: |  |

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| 192039002 | [Acute stupor state due to acute stress reaction (disorder)]➞(Has definitional manifestation)➞  [Stupor (finding)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Stupor (finding)   Concept[1] Acute stress disorder (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[15]  Sufficient[15]➞[14]  And[14]➞[4, 8, 13, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Clinical course➞[1]  Concept[1] Sudden onset AND/OR short duration (qualifier value)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Anxiety (finding)   Some[13] role group➞[12]  And[12]➞[11]  Some[11] Has definitional manifestation➞[10]  Concept[10] Stupor (finding)   Concept[9] Acute stress disorder (disorder)   ⦙79::ACTIVE 2007-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | Replace with IS-A |
| review: |  |

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| 237744009 | [Adrenal hyperfunction (disorder)]➞(Has definitional manifestation)➞  [Increased hormone production (finding)] |
| stated: | Root[0]➞[11]  Sufficient[11]➞[10]  And[10]➞[4, 9, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Increased hormone production (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Finding site➞[6]  Concept[6] Adrenal structure (body structure)   Concept[5] Disorder of adrenal gland (disorder)   ⦙22::ACTIVE 2005-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Sufficient[11]➞[10]  And[10]➞[4, 9, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Increased hormone production (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Finding site➞[6]  Concept[6] Adrenal structure (body structure)   Concept[5] Disorder of adrenal gland (disorder)   ⦙85::ACTIVE 2005-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | We need a functional axis |
| review: |  |

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| 275437005 | [Adrenocortical hyperfunction (disorder)]➞(Has definitional manifestation)➞  [Increased hormone production (finding)] |
| stated: | Root[0]➞[11]  Sufficient[11]➞[10]  And[10]➞[4, 9, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Finding site➞[1]  Concept[1] Adrenal cortex structure (body structure)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Increased hormone production (finding)   Concept[5] Adrenal hyperfunction (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[12]  Sufficient[12]➞[11]  And[11]➞[4, 8, 9, 10]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Finding site➞[1]  Concept[1] Adrenal cortex structure (body structure)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Increased hormone production (finding)   Concept[9] Adrenal hyperfunction (disorder)   Concept[10] Disorder of adrenal cortex (disorder)   ⦙85::ACTIVE 2005-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | We need a functional axis. |
| review: |  |

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| 110263004 | [Aerodontalgia (disorder)]➞(Has definitional manifestation)➞  [Toothache (finding)] |
| stated: | Root[0]➞[12]  Necessary[12]➞[11]  And[11]➞[4, 10, 5, 6]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Causative agent➞[1]  Concept[1] Rapid barometric pressure change (physical force)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Has definitional manifestation➞[7]  Concept[7] Toothache (finding)   Concept[5] Tooth disorder (disorder)   Concept[6] Disorder characterized by pain (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 9, 15, 11, 10, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Toothache (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Finding site➞[6]  Concept[6] Tooth structure (body structure)   Some[15] role group➞[14]  And[14]➞[13]  Some[13] Causative agent➞[12]  Concept[12] Rapid barometric pressure change (physical force)   Concept[11] Effect of exposure to physical force (finding)   Concept[10] Tooth disorder (disorder)   Concept[5] Disorder characterized by pain (disorder)   ⦙74::ACTIVE 2010-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | Replace with IS-A |
| review: |  |

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| 47337003 | [After-cataract (disorder)]➞(Has definitional manifestation)➞  [Lens capsule opacity in pseudophakia (finding)] |
| stated: | Root[0]➞[17]  Sufficient[17]➞[16]  And[16]➞[4, 8, 15, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] After➞[1]  Concept[1] Extraction of cataract (procedure)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Lens capsule opacity in pseudophakia (finding)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Cataract (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Structure of lens capsule (body structure)   Concept[9] Cataract (disorder)   ⦙31::ACTIVE 2013-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[18]  Sufficient[18]➞[17]  And[17]➞[4, 8, 16, 10, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Lens capsule opacity in pseudophakia (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] After➞[5]  Concept[5] Extraction of cataract (procedure)   Some[16] role group➞[15]  And[15]➞[14, 12]  Some[14] Associated morphology➞[13]  Concept[13] Cataract (morphologic abnormality)   Some[12] Finding site➞[11]  Concept[11] Structure of lens capsule (body structure)   Concept[10] Disorder of lens capsule (disorder)   Concept[9] Cataract (disorder)   ⦙98::ACTIVE 2013-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 109982002 | [Alpha heavy chain disease (disorder)]➞(Has definitional manifestation)➞  [Monoclonal alpha heavy chain present (finding)] |
| stated: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[4, 9, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Due to➞[1]  Concept[1] Immunoproliferative small intestinal disease (disorder)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Monoclonal alpha heavy chain present (finding)   Concept[5] Heavy chain disease (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[27]  Necessary[27]➞[26]  And[26]➞[4, 8, 12, 16, 21, 25, 17]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Serum gamma globulin raised (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Immune system finding (finding)   Some[12] role group➞[11]  And[11]➞[10]  Some[10] Due to➞[9]  Concept[9] Immunoproliferative small intestinal disease (disorder)   Some[16] role group➞[15]  And[15]➞[14]  Some[14] Associated morphology➞[13]  Concept[13] Heavy chain disease (morphologic abnormality)   Some[21] role group➞[20]  And[20]➞[19]  Some[19] Has definitional manifestation➞[18]  Concept[18] Monoclonal alpha heavy chain present (finding)   Some[25] role group➞[24]  And[24]➞[23]  Some[23] Has definitional manifestation➞[22]  Concept[22] Increased immunoglobulin (finding)   Concept[17] Heavy chain disease (disorder)   ⦙89::ACTIVE 2009-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | Replace with IS-A |
| review: |  |

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| 109471001 | [Amelogenesis imperfecta, hypocalcification type (disorder)]➞(Has definitional manifestation)➞  [Enamel hypomineralization (disorder)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Enamel hypomineralization (disorder)   Concept[5] Amelogenesis imperfecta (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[23]  Necessary[23]➞[22]  And[22]➞[4, 9, 15, 21, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Enamel hypomineralization (disorder)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Congenital (qualifier value)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Enamel structure (body structure)   Some[21] role group➞[20]  And[20]➞[17, 19]  Some[17] Associated morphology➞[16]  Concept[16] Hypoplasia (morphologic abnormality)   Some[19] Finding site➞[18]  Concept[18] Enamel structure (body structure)   Concept[5] Amelogenesis imperfecta (disorder)   ⦙75::ACTIVE 2008-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | Replace with IS-A |
| review: |  |

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| 271737000 | [Anemia (disorder)]➞(Has definitional manifestation)➞  [Erythropenia (finding)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Erythropenia (finding)   Concept[5] Red blood cell disorder (disorder)   ⦙22::ACTIVE 2005-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Erythropenia (finding)   Concept[5] Red blood cell disorder (disorder)   ⦙85::ACTIVE 2005-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | Replace with IS-A |
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| 59106005 | [Anemia due to decreased red cell production (disorder)]➞(Has definitional manifestation)➞  [Decreased erythrocyte production (finding)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Decreased erythrocyte production (finding)   Concept[5] Anemia (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Sufficient[11]➞[10]  And[10]➞[5, 9, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Decreased erythrocyte production (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Erythropenia (finding)   Concept[1] Anemia (disorder)   ⦙85::ACTIVE 2005-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | Need a functional axis, replace with IS-A |
| review: |  |

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| 392291006 | [Angle-closure glaucoma (disorder)]➞(Has definitional manifestation)➞  [Angle closed (finding)] |
| stated: | Root[0]➞[13]  Sufficient[13]➞[12]  And[12]➞[5, 11, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Angle closed (finding)   Some[11] role group➞[10]  And[10]➞[9, 7]  Some[9] Associated morphology➞[8]  Concept[8] Obstruction (morphologic abnormality)   Some[7] Finding site➞[6]  Concept[6] Structure of iridocorneal angle (body structure)   Concept[1] Glaucoma (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[14]  Sufficient[14]➞[13]  And[13]➞[4, 12, 5, 6]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Angle closed (finding)   Some[12] role group➞[11]  And[11]➞[10, 8]  Some[10] Associated morphology➞[9]  Concept[9] Obstruction (morphologic abnormality)   Some[8] Finding site➞[7]  Concept[7] Structure of iridocorneal angle (body structure)   Concept[5] Disorder of anterior chamber of eye (disorder)   Concept[6] Glaucoma (disorder)   ⦙76::ACTIVE 2010-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | Angle closure glaucoma requires that the angle has been closed, but does not require that the angle is currently closed. |
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| 197480006 | [Anxiety disorder (disorder)]➞(Has definitional manifestation)➞  [Anxiety (finding)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Anxiety (finding)   Concept[5] Mental disorder (disorder)   ⦙25::ACTIVE 2006-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Anxiety (finding)   Concept[5] Mental disorder (disorder)   ⦙77::ACTIVE 2006-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | Replace with IS-A |
| review: |  |

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| 91943004 | [Arthralgia of temporomandibular joint (disorder)]➞(Has definitional manifestation)➞  [Temporomandibular joint painful on movement (finding)] |
| stated: | Root[0]➞[8]  Sufficient[8]➞[7]  And[7]➞[5, 1, 6]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Temporomandibular joint painful on movement (finding)   Concept[1] Temporomandibular joint disorder (disorder)   Concept[6] Disorder characterized by pain (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[12]  Sufficient[12]➞[11]  And[11]➞[5, 9, 10, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Finding site➞[2]  Concept[2] Temporomandibular joint structure (body structure)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Temporomandibular joint painful on movement (finding)   Concept[10] Temporomandibular joint disorder (disorder)   Concept[1] Disorder characterized by pain (disorder)   ⦙74::ACTIVE 2010-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | Replace with IS-A |
| review: |  |

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| 276575001 | [Autoimmune neonatal thrombocytopenia (disorder)]➞(Has definitional manifestation)➞  [Platelet count below reference range (finding)] |
| stated: | Root[0]➞[15]  Sufficient[15]➞[14]  And[14]➞[4, 8, 13, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Pathological process➞[1]  Concept[1] Autoimmune (qualifier value)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Platelet count below reference range (finding)   Some[13] role group➞[12]  And[12]➞[11]  Some[11] Occurrence➞[10]  Concept[10] Neonatal (qualifier value)   Concept[9] Neonatal thrombocytopenia (disorder)   ⦙18::ACTIVE 2009-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[16]  Sufficient[16]➞[15]  And[15]➞[4, 9, 14, 10, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Platelet count below reference range (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Pathological process➞[6]  Concept[6] Autoimmune (qualifier value)   Some[14] role group➞[13]  And[13]➞[12]  Some[12] Occurrence➞[11]  Concept[11] Neonatal (qualifier value)   Concept[10] Neonatal thrombocytopenia (disorder)   Concept[5] Autoimmune disease (disorder)   ⦙98::ACTIVE 2013-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | The platelet count may be episodically low, but does not have to be low at all times, so is-a may not be correct. |
| review: |  |

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| 6426003 | [Autosomal dominant analbuminemia (disorder)]➞(Has definitional manifestation)➞  [Analbuminemia (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Analbuminemia (finding)   Concept[5] Autosomal dominant hereditary disorder (disorder)   ⦙14::ACTIVE 2002-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Analbuminemia (finding)   Concept[5] Autosomal dominant hereditary disorder (disorder)   ⦙87::ACTIVE 2002-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | Replace with IS-A. |
| review: |  |

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| 425558002 | [Azoospermia (disorder)]➞(Has definitional manifestation)➞  [Azoospermia (finding)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Azoospermia (finding)   Concept[1] Disorder of male genital organ (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Sufficient[11]➞[10]  And[10]➞[4, 9, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Finding site➞[1]  Concept[1] Male genital organ structure (body structure)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Azoospermia (finding)   Concept[5] Disorder of male genital organ (disorder)   ⦙90::ACTIVE 2007-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | EQUIVALENT, If there is no reproducible distinction between a finding and a disorder, then these concepts are essentially equivalent. |
| review: |  |

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| 439960005 | [Binge eating disorder (disorder)]➞(Has definitional manifestation)➞  [Binging (finding)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Binging (finding)   Concept[1] Eating disorder (disorder)   ⦙18::ACTIVE 2009-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Binging (finding)   Concept[1] Eating disorder (disorder)   ⦙92::ACTIVE 2009-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | Need a functional axis. |
| review: |  |

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| 92494003 | [Bipartite ossification of centrum of cervical vertebra (disorder)]➞(Has definitional manifestation)➞  [Bipartite ossification (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 9, 15, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Bipartite ossification (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Congenital (qualifier value)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Structure of centrum of cervical vertebra (body structure)   Concept[5] Congenital anomaly of cervical vertebra (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[4, 9, 16, 10, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Bipartite ossification (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Congenital (qualifier value)   Some[16] role group➞[15]  And[15]➞[12, 14]  Some[12] Associated morphology➞[11]  Concept[11] Congenital anomaly (morphologic abnormality)   Some[14] Finding site➞[13]  Concept[13] Structure of centrum of cervical vertebra (body structure)   Concept[10] Disorder of embryonic structure (disorder)   Concept[5] Congenital anomaly of cervical vertebra (disorder)   ⦙98::ACTIVE 2013-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | Replace with IS-A |
| review: |  |

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| 92496001 | [Bipartite ossification of centrum of lumbar vertebra (disorder)]➞(Has definitional manifestation)➞  [Bipartite ossification (finding)] |
| stated: | Root[0]➞[17]  Sufficient[17]➞[16]  And[16]➞[4, 8, 15, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Bipartite ossification (finding)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Structure of centrum of lumbar vertebra (body structure)   Concept[9] Congenital anomaly of lumbar vertebra (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[18]  Sufficient[18]➞[17]  And[17]➞[4, 8, 16, 10, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Bipartite ossification (finding)   Some[16] role group➞[15]  And[15]➞[14, 12]  Some[14] Associated morphology➞[13]  Concept[13] Congenital anomaly (morphologic abnormality)   Some[12] Finding site➞[11]  Concept[11] Structure of centrum of lumbar vertebra (body structure)   Concept[10] Congenital anomaly of lumbar vertebra (disorder)   Concept[9] Disorder of embryonic structure (disorder)   ⦙98::ACTIVE 2013-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | Replace with IS-A |
| review: |  |

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| 92497005 | [Bipartite ossification of centrum of sacral vertebra (disorder)]➞(Has definitional manifestation)➞  [Bipartite ossification (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 9, 15, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Bipartite ossification (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Congenital (qualifier value)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Structure of centrum of sacral vertebra (body structure)   Concept[5] Congenital anomaly of sacral vertebra (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[4, 10, 16, 5, 6]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Bipartite ossification (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Occurrence➞[7]  Concept[7] Congenital (qualifier value)   Some[16] role group➞[15]  And[15]➞[12, 14]  Some[12] Associated morphology➞[11]  Concept[11] Congenital anomaly (morphologic abnormality)   Some[14] Finding site➞[13]  Concept[13] Structure of centrum of sacral vertebra (body structure)   Concept[5] Disorder of embryonic structure (disorder)   Concept[6] Congenital anomaly of sacral vertebra (disorder)   ⦙98::ACTIVE 2013-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | Replace with IS-A |
| review: |  |

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| 92500004 | [Bipartite ossification of centrum of thoracic vertebra (disorder)]➞(Has definitional manifestation)➞  [Bipartite ossification (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 9, 15, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Bipartite ossification (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Congenital (qualifier value)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Structure of centrum of thoracic vertebra (body structure)   Concept[5] Congenital anomaly of thoracic vertebra (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[4, 10, 16, 5, 6]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Bipartite ossification (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Occurrence➞[7]  Concept[7] Congenital (qualifier value)   Some[16] role group➞[15]  And[15]➞[14, 12]  Some[14] Associated morphology➞[13]  Concept[13] Congenital anomaly (morphologic abnormality)   Some[12] Finding site➞[11]  Concept[11] Structure of centrum of thoracic vertebra (body structure)   Concept[5] Disorder of embryonic structure (disorder)   Concept[6] Congenital anomaly of thoracic vertebra (disorder)   ⦙98::ACTIVE 2013-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | Replace with IS-A |
| review: |  |

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| 92495002 | [Bipartite ossification of interparietal bone (disorder)]➞(Has definitional manifestation)➞  [Bipartite ossification (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 9, 15, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Bipartite ossification (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Congenital (qualifier value)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Structure of interparietal bone (body structure)   Concept[5] Congenital anomaly of interparietal bone (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 9, 15, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Bipartite ossification (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Congenital (qualifier value)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Structure of interparietal bone (body structure)   Concept[5] Congenital anomaly of interparietal bone (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | Replace with IS-A |
| review: |  |

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| 92498000 | [Bipartite ossification of sternebra (disorder)]➞(Has definitional manifestation)➞  [Bipartite ossification (finding)] |
| stated: | Root[0]➞[13]  Necessary[13]➞[12]  And[12]➞[4, 11, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Bipartite ossification (finding)   Some[11] role group➞[10]  And[10]➞[7, 9]  Some[7] Associated morphology➞[6]  Concept[6] Congenital anomaly (morphologic abnormality)   Some[9] Finding site➞[8]  Concept[8] Structure of sternebra (body structure)   Concept[5] Congenital anomaly of sternebra (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[5, 9, 15, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Occurrence➞[2]  Concept[2] Congenital (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Bipartite ossification (finding)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital malformation (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Structure of sternebra (body structure)   Concept[1] Congenital anomaly of sternebra (disorder)   ⦙96::ACTIVE 2008-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | Replace with IS-A |
| review: |  |

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| 92499008 | [Bipartite ossification of supraoccipital bone (disorder)]➞(Has definitional manifestation)➞  [Bipartite ossification (finding)] |
| stated: | Root[0]➞[19]  Necessary[19]➞[18]  And[18]➞[4, 8, 17, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Bipartite ossification (finding)   Some[17] role group➞[16]  And[16]➞[15, 11, 13]  Some[15] Associated morphology➞[14]  Concept[14] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Bone structure of cranium (body structure)   Some[13] Finding site➞[12]  Concept[12] Structure of supraoccipital bone (body structure)   Concept[9] Congenital anomaly of supraoccipital bone (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[20]  Necessary[20]➞[19]  And[19]➞[5, 10, 18, 1, 6]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Occurrence➞[2]  Concept[2] Congenital (qualifier value)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Has definitional manifestation➞[7]  Concept[7] Bipartite ossification (finding)   Some[18] role group➞[17]  And[17]➞[14, 12, 16]  Some[14] Associated morphology➞[13]  Concept[13] Congenital anomaly (morphologic abnormality)   Some[12] Finding site➞[11]  Concept[11] Bone structure of cranium (body structure)   Some[16] Finding site➞[15]  Concept[15] Structure of supraoccipital bone (body structure)   Concept[1] Congenital anomaly of skull (disorder)   Concept[6] Congenital anomaly of supraoccipital bone (disorder)   ⦙96::ACTIVE 2008-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | Replace with IS-A |
| review: |  |

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| 42035005 | [Bisexual (finding)]➞(Has definitional manifestation)➞  [Sexually attracted to male and female genders (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Sexually attracted to male and female genders (finding)   Concept[5] Finding of sexual orientation (finding)   ⦙49::ACTIVE 2013-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[5, 9, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Sexually attracted to male and female genders (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Interprets➞[6]  Concept[6] Sexual orientation (observable entity)   Concept[1] Finding of sexual orientation (finding)   ⦙111::ACTIVE 2013-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | TODO |
| review: |  |

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| 421869004 | [Bradyarrhythmia (disorder)]➞(Has definitional manifestation)➞  [Bradycardia (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Bradycardia (finding)   Concept[5] Cardiac arrhythmia (disorder)   ⦙43::ACTIVE 2014-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[5, 9, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Finding site➞[2]  Concept[2] Heart structure (body structure)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Bradycardia (finding)   Concept[1] Cardiac arrhythmia (disorder)   ⦙105::ACTIVE 2014-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | Episodic like Seizure and Seizure disorders |
| review: |  |

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| 191983006 | [Bruxism (teeth grinding) (disorder)]➞(Has definitional manifestation)➞  [Grinding teeth (finding)] |
| stated: | Root[0]➞[11]  Sufficient[11]➞[10]  And[10]➞[4, 9, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Finding site➞[1]  Concept[1] Tooth structure (body structure)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Grinding teeth (finding)   Concept[5] Mental disorder (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[12]  Sufficient[12]➞[11]  And[11]➞[5, 9, 10, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Grinding teeth (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Finding site➞[6]  Concept[6] Tooth structure (body structure)   Concept[10] Mental disorder (disorder)   Concept[1] Tooth disorder (disorder)   ⦙70::ACTIVE 2003-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | Episodic relationship |
| review: |  |

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| 95837007 | [Central cyanosis (disorder)]➞(Has definitional manifestation)➞  [Cyanosis (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Cyanosis (finding)   Concept[1] Hypoxemia (disorder)   ⦙37::ACTIVE 2008-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Cyanosis (finding)   Concept[1] Hypoxemia (disorder)   ⦙96::ACTIVE 2008-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 371090009 | [Cholestasis of parenteral nutrition (disorder)]➞(Has definitional manifestation)➞  [Cholestasis (finding)] |
| stated: | Root[0]➞[8]  Necessary[8]➞[7]  And[7]➞[6, 1, 2]  Some[6] role group➞[5]  And[5]➞[4]  Some[4] Has definitional manifestation➞[3]  Concept[3] Cholestasis (finding)   Concept[1] Sequelae of hyperalimentation (disorder)   Concept[2] Disorder of biliary tract (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[16]  Necessary[16]➞[15]  And[15]➞[4, 10, 14, 5, 6]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Finding site➞[1]  Concept[1] Biliary tract structure (body structure)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] After➞[7]  Concept[7] Parenteral alimentation procedure (regime/therapy)   Some[14] role group➞[13]  And[13]➞[12]  Some[12] Has definitional manifestation➞[11]  Concept[11] Cholestasis (finding)   Concept[5] Sequelae of hyperalimentation (disorder)   Concept[6] Disorder of biliary tract (disorder)   ⦙96::ACTIVE 2008-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 44018007 | [Cholestatic jaundice syndrome (disorder)]➞(Has definitional manifestation)➞  [Jaundice (finding)] |
| stated: | Root[0]➞[13]  Necessary[13]➞[12]  And[12]➞[4, 11, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Jaundice (finding)   Some[11] role group➞[10]  And[10]➞[7, 9]  Some[7] Associated morphology➞[6]  Concept[6] Obstruction (morphologic abnormality)   Some[9] Finding site➞[8]  Concept[8] Bile duct structure (body structure)   Concept[5] Obstructive hyperbilirubinemia (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[14]  Necessary[14]➞[13]  And[13]➞[6, 12, 1, 2]  Some[6] role group➞[5]  And[5]➞[4]  Some[4] Has definitional manifestation➞[3]  Concept[3] Jaundice (finding)   Some[12] role group➞[11]  And[11]➞[8, 10]  Some[8] Associated morphology➞[7]  Concept[7] Obstruction (morphologic abnormality)   Some[10] Finding site➞[9]  Concept[9] Bile duct structure (body structure)   Concept[1] Obstruction of bile duct (disorder)   Concept[2] Obstructive hyperbilirubinemia (disorder)   ⦙68::ACTIVE 2004-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 426896000 | [Chronic hypercapnic respiratory failure (disorder)]➞(Has definitional manifestation)➞  [Hypercapnia (disorder)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Hypercapnia (disorder)   Concept[5] Chronic respiratory failure (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[15]  Sufficient[15]➞[14]  And[14]➞[4, 8, 13, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Clinical course➞[1]  Concept[1] Chronic (qualifier value)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Finding site➞[5]  Concept[5] Structure of respiratory system (body structure)   Some[13] role group➞[12]  And[12]➞[11]  Some[11] Has definitional manifestation➞[10]  Concept[10] Hypercapnia (disorder)   Concept[9] Chronic respiratory failure (disorder)   ⦙90::ACTIVE 2007-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | TODO |
| review: |  |

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| 373621006 | [Chronic pain syndrome (disorder)]➞(Has definitional manifestation)➞  [Chronic pain (finding)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Chronic pain (finding)   Concept[1] Disorder characterized by pain (disorder)   ⦙31::ACTIVE 2013-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Chronic pain (finding)   Concept[5] Disorder characterized by pain (disorder)   ⦙98::ACTIVE 2013-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | Episodisity |
| review: |  |

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| 441711008 | [Chronic psychogenic pain (disorder)]➞(Has definitional manifestation)➞  [Pain (finding)] |
| stated: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[5, 9, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Pain (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Clinical course➞[6]  Concept[6] Chronic (qualifier value)   Concept[1] Somatoform pain disorder (disorder)   ⦙8::ACTIVE 2009-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[12]  Necessary[12]➞[11]  And[11]➞[4, 9, 10, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Clinical course➞[1]  Concept[1] Chronic (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Pain (finding)   Concept[10] Chronic mental disorder (disorder)   Concept[5] Somatoform pain disorder (disorder)   ⦙89::ACTIVE 2009-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 27868004 | [Chronic steatorrhea (disorder)]➞(Has definitional manifestation)➞  [Fatty stool (finding)] |
| stated: | Root[0]➞[8]  Sufficient[8]➞[7]  And[7]➞[6, 1, 2]  Some[6] role group➞[5]  And[5]➞[4]  Some[4] Has definitional manifestation➞[3]  Concept[3] Fatty stool (finding)   Concept[1] Chronic digestive system disorder (disorder)   Concept[2] Malabsorption syndrome (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[16]  Sufficient[16]➞[15]  And[15]➞[4, 8, 13, 14, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Finding site➞[1]  Concept[1] Gastrointestinal tract structure (body structure)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Fatty stool (finding)   Some[13] role group➞[12]  And[12]➞[11]  Some[11] Clinical course➞[10]  Concept[10] Chronic (qualifier value)   Concept[14] Chronic digestive system disorder (disorder)   Concept[9] Malabsorption syndrome (disorder)   ⦙79::ACTIVE 2007-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | Point in time vs episodisity |
| review: |  |

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| 443265004 | [Cognitive disorder (disorder)]➞(Has definitional manifestation)➞  [Impaired cognition (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Impaired cognition (finding)   Concept[1] Disorder of brain (disorder)   ⦙40::ACTIVE 2010-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[4, 8, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Finding site➞[1]  Concept[1] Brain structure (body structure)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Impaired cognition (finding)   Concept[9] Disorder of brain (disorder)   ⦙74::ACTIVE 2010-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 230460005 | [Complex partial status epilepticus (disorder)]➞(Has definitional manifestation)➞  [Seizure (finding)] |
| stated: | Root[0]➞[12]  Necessary[12]➞[11]  And[11]➞[5, 9, 10, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Finding site➞[2]  Concept[2] Cerebral structure (body structure)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Seizure (finding)   Concept[10] Nonconvulsive status epilepticus (disorder)   Concept[1] Partial seizure (disorder)   ⦙8::ACTIVE 2009-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[12]  Necessary[12]➞[11]  And[11]➞[5, 9, 10, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Seizure (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Finding site➞[6]  Concept[6] Cerebral structure (body structure)   Concept[10] Nonconvulsive status epilepticus (disorder)   Concept[1] Partial seizure (disorder)   ⦙89::ACTIVE 2009-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A, in this case, they are in status epilepticus which necessarily implies that they are having an active seizure. |
| review: |  |

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| 371080001 | [Congenital leg length discrepancy (disorder)]➞(Has definitional manifestation)➞  [Leg length inequality (finding)] |
| stated: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[5, 9, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Leg length inequality (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Congenital (qualifier value)   Concept[1] Congenital anomaly of lower limb (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 8, 15, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Leg length inequality (finding)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Congenital anomaly (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Lower limb structure (body structure)   Concept[9] Congenital anomaly of lower limb (disorder)   ⦙87::ACTIVE 2002-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 95743003 | [Conjunctival discoloration (disorder)]➞(Has definitional manifestation)➞  [Abnormal color (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Abnormal color (finding)   Concept[5] Disorder of conjunctiva (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[4, 9, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Abnormal color (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Finding site➞[6]  Concept[6] Conjunctival structure (body structure)   Concept[5] Disorder of conjunctiva (disorder)   ⦙87::ACTIVE 2002-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A; Note that abnormal color (finding) is under “morphologic finding”, and that discoloration of skin, GI Tract mucosal discoloration is also under abnormal color. |
| review: |  |

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| 89310008 | [Contracted bladder (disorder)]➞(Has definitional manifestation)➞  [Contraction (finding)] |
| stated: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[5, 9, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Contraction (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Finding site➞[6]  Concept[6] Urinary bladder structure (body structure)   Concept[1] Functional disorder of bladder (disorder)   ⦙14::ACTIVE 2002-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[5, 9, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Contraction (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Finding site➞[6]  Concept[6] Urinary bladder structure (body structure)   Concept[1] Functional disorder of bladder (disorder)   ⦙87::ACTIVE 2002-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 438113009 | [Convulsive syncope (disorder)]➞(Has definitional manifestation)➞  [Anoxic seizure (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Anoxic seizure (finding)   Concept[1] Syncope (disorder)   ⦙18::ACTIVE 2009-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[21]  Necessary[21]➞[20]  And[20]➞[5, 9, 13, 19, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Finding site➞[2]  Concept[2] Structure of cardiovascular system (body structure)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Clinical course➞[6]  Concept[6] Sudden onset AND/OR short duration (qualifier value)   Some[13] role group➞[12]  And[12]➞[11]  Some[11] Has definitional manifestation➞[10]  Concept[10] Anoxic seizure (finding)   Some[19] role group➞[18]  And[18]➞[15, 17]  Some[15] Has interpretation➞[14]  Concept[14] Decreased (qualifier value)   Some[17] Interprets➞[16]  Concept[16] Level of consciousness (observable entity)   Concept[1] Syncope (disorder)   ⦙98::ACTIVE 2013-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 12770006 | [Cyanotic congenital heart disease (disorder)]➞(Has definitional manifestation)➞  [Cyanosis (finding)] |
| stated: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[5, 9, 16, 10, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Cyanosis (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Congenital (qualifier value)   Some[16] role group➞[15]  And[15]➞[12, 14]  Some[12] Associated morphology➞[11]  Concept[11] Congenital anomaly (morphologic abnormality)   Some[14] Finding site➞[13]  Concept[13] Heart structure (body structure)   Concept[10] Congenital heart disease (disorder)   Concept[1] Central cyanosis (disorder)   ⦙37::ACTIVE 2008-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[5, 9, 16, 10, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Cyanosis (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Congenital (qualifier value)   Some[16] role group➞[15]  And[15]➞[12, 14]  Some[12] Associated morphology➞[11]  Concept[11] Congenital anomaly (morphologic abnormality)   Some[14] Finding site➞[13]  Concept[13] Heart structure (body structure)   Concept[10] Congenital heart disease (disorder)   Concept[1] Central cyanosis (disorder)   ⦙96::ACTIVE 2008-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 236814005 | [Cytotoxic drug-induced hypospermatogenesis (disorder)]➞(Has definitional manifestation)➞  [Oligozoospermia (finding)] |
| stated: | Root[0]➞[11]  Sufficient[11]➞[10]  And[10]➞[5, 9, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Oligozoospermia (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Causative agent➞[6]  Concept[6] Cytotoxic agent (substance)   Concept[1] Iatrogenic testicular hypofunction (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[20]  Sufficient[20]➞[19]  And[19]➞[4, 10, 14, 18, 6, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Oligozoospermia (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Has definitional manifestation➞[7]  Concept[7] Decreased hormone production (finding)   Some[14] role group➞[13]  And[13]➞[12]  Some[12] Finding site➞[11]  Concept[11] Testicular endocrine structure (body structure)   Some[18] role group➞[17]  And[17]➞[16]  Some[16] Causative agent➞[15]  Concept[15] Cytotoxic agent (substance)   Concept[6] Drug-related disorder (disorder)   Concept[5] Iatrogenic testicular hypofunction (disorder)   ⦙90::ACTIVE 2007-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 128333008 | [Diarrheal disorder (disorder)]➞(Has definitional manifestation)➞  [Diarrhea (finding)] |
| stated: | Root[0]➞[11]  Sufficient[11]➞[10]  And[10]➞[4, 8, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Diarrhea (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Finding site➞[5]  Concept[5] Gastrointestinal tract structure (body structure)   Concept[9] Disorder of gastrointestinal tract (disorder)   ⦙2::ACTIVE 2002-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Sufficient[11]➞[10]  And[10]➞[4, 8, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Diarrhea (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Finding site➞[5]  Concept[5] Gastrointestinal tract structure (body structure)   Concept[9] Disorder of gastrointestinal tract (disorder)   ⦙65::ACTIVE 2002-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | The diarrhea is episodic, and the disorder may be present even when diarrhea is not present… |
| review: |  |

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| 418304008 | [Diastolic heart failure (disorder)]➞(Has definitional manifestation)➞  [Diastolic dysfunction (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Diastolic dysfunction (finding)   Concept[1] Heart failure (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[4, 8, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Diastolic dysfunction (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Finding site➞[5]  Concept[5] Heart structure (body structure)   Concept[9] Heart failure (disorder)   ⦙77::ACTIVE 2006-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A vs also having a functional axis that is disjoint. |
| review: |  |

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| 93429005 | [Discontinuous rib (disorder)]➞(Has definitional manifestation)➞  [Interrupted ossification (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Interrupted ossification (finding)   Concept[1] Congenital anomaly of rib (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 9, 15, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Interrupted ossification (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Congenital (qualifier value)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Congenital anomaly (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Bone structure of rib (body structure)   Concept[5] Congenital anomaly of rib (disorder)   ⦙87::ACTIVE 2002-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 419455006 | [Disorder characterized by eosinophilia (disorder)]➞(Has definitional manifestation)➞  [Eosinophil count raised (finding)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Eosinophil count raised (finding)   Concept[5] Disorder of eosinophil (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Sufficient[11]➞[10]  And[10]➞[4, 8, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Eosinophil count raised (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] White blood cell finding (finding)   Concept[9] Disorder of eosinophil (disorder)   ⦙77::ACTIVE 2006-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 373673007 | [Disorder characterized by pain (disorder)]➞(Has definitional manifestation)➞  [Pain (finding)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Pain (finding)   Concept[5] Disease (disorder)   ⦙14::ACTIVE 2002-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Pain (finding)   Concept[5] Disease (disorder)   ⦙87::ACTIVE 2002-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 414029004 | [Disorder of immune function (disorder)]➞(Has definitional manifestation)➞  [Immune system finding (finding)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Immune system finding (finding)   Concept[5] Disease (disorder)   ⦙22::ACTIVE 2005-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Immune system finding (finding)   Concept[5] Disease (disorder)   ⦙85::ACTIVE 2005-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 425835006 | [Disorder of immune reconstitution (disorder)]➞(Has definitional manifestation)➞  [Immune reconstitution finding (finding)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Immune reconstitution finding (finding)   Concept[5] Disorder of immune function (disorder)   ⦙15::ACTIVE 2007-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Immune reconstitution finding (finding)   Concept[5] Disorder of immune function (disorder)   ⦙90::ACTIVE 2007-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 414031008 | [Disorder of increased production of immunoglobulin protein (disorder)]➞(Has definitional manifestation)➞  [Increased immunoglobulin (finding)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Increased immunoglobulin (finding)   Concept[5] Gammopathy (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[15]  Sufficient[15]➞[14]  And[14]➞[5, 9, 13, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Immune system finding (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Increased immunoglobulin (finding)   Some[13] role group➞[12]  And[12]➞[11]  Some[11] Has definitional manifestation➞[10]  Concept[10] Serum gamma globulin raised (finding)   Concept[1] Gammopathy (disorder)   ⦙89::ACTIVE 2009-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 277905003 | [Disorder of keratinization (disorder)]➞(Has definitional manifestation)➞  [Abnormal keratinization (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Abnormal keratinization (finding)   Concept[5] Disorder of skin (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[4, 8, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Finding site➞[1]  Concept[1] Skin structure (body structure)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Abnormal keratinization (finding)   Concept[9] Disorder of skin (disorder)   ⦙87::ACTIVE 2002-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A vs synonyms… If it is abnormal, is it automatically a disorder? |
| review: |  |

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| 194439006 | [Disorders of excessive somnolence (disorder)]➞(Has definitional manifestation)➞  [Excessive somnolence (finding)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Excessive somnolence (finding)   Concept[5] Dyssomnia (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Excessive somnolence (finding)   Concept[5] Dyssomnia (disorder)   ⦙74::ACTIVE 2010-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 403626007 | [Drug-induced pellagra (disorder)]➞(Has definitional manifestation)➞  [Photosensitivity (finding)] |
| stated: | Root[0]➞[8]  Necessary[8]➞[7]  And[7]➞[6, 1, 2]  Some[6] role group➞[5]  And[5]➞[4]  Some[4] Has definitional manifestation➞[3]  Concept[3] Photosensitivity (finding)   Concept[1] Drug-induced photosensitivity (disorder)   Concept[2] Pellagra (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[28]  Necessary[28]➞[27]  And[27]➞[4, 8, 12, 20, 26, 13, 14]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Causative agent➞[1]  Concept[1] Ultraviolet radiation (physical force)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Causative agent➞[5]  Concept[5] Drug or medicament (substance)   Some[12] role group➞[11]  And[11]➞[10]  Some[10] Has definitional manifestation➞[9]  Concept[9] Photosensitivity (finding)   Some[20] role group➞[19]  And[19]➞[18, 16]  Some[18] Associated morphology➞[17]  Concept[17] Inflammation (morphologic abnormality)   Some[16] Finding site➞[15]  Concept[15] Skin structure (body structure)   Some[26] role group➞[25]  And[25]➞[24, 22]  Some[24] Associated morphology➞[23]  Concept[23] Eruption (morphologic abnormality)   Some[22] Finding site➞[21]  Concept[21] Skin structure (body structure)   Concept[13] Drug-induced photosensitivity (disorder)   Concept[14] Pellagra (disorder)   ⦙105::ACTIVE 2014-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 60318001 | [Duane's syndrome (disorder)]➞(Has definitional manifestation)➞  [Retraction (finding)] |
| stated: | Root[0]➞[8]  Necessary[8]➞[7]  And[7]➞[4, 5, 6]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Retraction (finding)   Concept[5] Congenital disorders of eye and eyelid movements (disorder)   Concept[6] Neurologic disorder of eye movements (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[26]  Necessary[26]➞[25]  And[25]➞[4, 8, 13, 17, 24, 18, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Retraction (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Occurrence➞[5]  Concept[5] Congenital (qualifier value)   Some[13] role group➞[12]  And[12]➞[11]  Some[11] Finding site➞[10]  Concept[10] Eyelid structure (body structure)   Some[17] role group➞[16]  And[16]➞[15]  Some[15] Finding site➞[14]  Concept[14] Structure of nervous system (body structure)   Some[24] role group➞[23]  And[23]➞[20, 22]  Some[20] Associated morphology➞[19]  Concept[19] Congenital anomaly (morphologic abnormality)   Some[22] Finding site➞[21]  Concept[21] Structure of eye proper (body structure)   Concept[18] Congenital disorders of eye and eyelid movements (disorder)   Concept[9] Neurologic disorder of eye movements (disorder)   ⦙89::ACTIVE 2009-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93437002 | [Dumbbell ossification of centrum of cervical vertebra (disorder)]➞(Has definitional manifestation)➞  [Dumbbell ossification (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[5, 9, 15, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Dumbbell ossification (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Congenital (qualifier value)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Congenital anomaly (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Structure of centrum of cervical vertebra (body structure)   Concept[1] Congenital anomaly of cervical vertebra (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[5, 10, 16, 6, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Dumbbell ossification (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Occurrence➞[7]  Concept[7] Congenital (qualifier value)   Some[16] role group➞[15]  And[15]➞[12, 14]  Some[12] Associated morphology➞[11]  Concept[11] Congenital anomaly (morphologic abnormality)   Some[14] Finding site➞[13]  Concept[13] Structure of centrum of cervical vertebra (body structure)   Concept[6] Disorder of embryonic structure (disorder)   Concept[1] Congenital anomaly of cervical vertebra (disorder)   ⦙98::ACTIVE 2013-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93438007 | [Dumbbell ossification of centrum of lumbar vertebra (disorder)]➞(Has definitional manifestation)➞  [Dumbbell ossification (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 9, 15, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Dumbbell ossification (finding)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Congenital anomaly (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Structure of centrum of lumbar vertebra (body structure)   Concept[5] Congenital anomaly of lumbar vertebra (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[4, 10, 16, 6, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Has definitional manifestation➞[7]  Concept[7] Dumbbell ossification (finding)   Some[16] role group➞[15]  And[15]➞[14, 12]  Some[14] Associated morphology➞[13]  Concept[13] Congenital anomaly (morphologic abnormality)   Some[12] Finding site➞[11]  Concept[11] Structure of centrum of lumbar vertebra (body structure)   Concept[6] Congenital anomaly of lumbar vertebra (disorder)   Concept[5] Disorder of embryonic structure (disorder)   ⦙98::ACTIVE 2013-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93439004 | [Dumbbell ossification of centrum of sacral vertebra (disorder)]➞(Has definitional manifestation)➞  [Dumbbell ossification (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 8, 15, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Dumbbell ossification (finding)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Structure of centrum of sacral vertebra (body structure)   Concept[9] Congenital anomaly of sacral vertebra (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[5, 9, 16, 1, 10]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Occurrence➞[2]  Concept[2] Congenital (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Dumbbell ossification (finding)   Some[16] role group➞[15]  And[15]➞[12, 14]  Some[12] Associated morphology➞[11]  Concept[11] Congenital anomaly (morphologic abnormality)   Some[14] Finding site➞[13]  Concept[13] Structure of centrum of sacral vertebra (body structure)   Concept[1] Disorder of embryonic structure (disorder)   Concept[10] Congenital anomaly of sacral vertebra (disorder)   ⦙98::ACTIVE 2013-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93440002 | [Dumbbell ossification of centrum of thoracic vertebra (disorder)]➞(Has definitional manifestation)➞  [Dumbbell ossification (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 9, 15, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Dumbbell ossification (finding)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Structure of centrum of thoracic vertebra (body structure)   Concept[5] Congenital anomaly of thoracic vertebra (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[4, 10, 16, 6, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Has definitional manifestation➞[7]  Concept[7] Dumbbell ossification (finding)   Some[16] role group➞[15]  And[15]➞[14, 12]  Some[14] Associated morphology➞[13]  Concept[13] Congenital anomaly (morphologic abnormality)   Some[12] Finding site➞[11]  Concept[11] Structure of centrum of thoracic vertebra (body structure)   Concept[6] Disorder of embryonic structure (disorder)   Concept[5] Congenital anomaly of thoracic vertebra (disorder)   ⦙98::ACTIVE 2013-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 15938005 | [Eclampsia (disorder)]➞(Has definitional manifestation)➞  [Seizure (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Seizure (finding)   Concept[1] Complication of pregnancy, childbirth and/or the puerperium (disorder)   ⦙31::ACTIVE 2013-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Seizure (finding)   Concept[5] Complication of pregnancy, childbirth and/or the puerperium (disorder)   ⦙98::ACTIVE 2013-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | Temporal issue, the seizure is not necessarily present during the entire eposide of Eclampsia… |
| review: |  |

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| 426768001 | [Engraftment syndrome (disorder)]➞(Has definitional manifestation)➞  [Engraftment reaction (finding)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Engraftment reaction (finding)   Concept[5] Disorder of immune reconstitution (disorder)   ⦙15::ACTIVE 2007-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Engraftment reaction (finding)   Concept[5] Disorder of immune reconstitution (disorder)   ⦙90::ACTIVE 2007-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 43355006 | [Eosinopenia (disorder)]➞(Has definitional manifestation)➞  [Decreased blood eosinophil number (finding)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Decreased blood eosinophil number (finding)   Concept[5] Disorder of eosinophil (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Sufficient[11]➞[10]  And[10]➞[4, 9, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Decreased blood eosinophil number (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] White blood cell finding (finding)   Concept[5] Disorder of eosinophil (disorder)   ⦙89::ACTIVE 2009-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 68761002 | [Epileptic vertigo (disorder)]➞(Has definitional manifestation)➞  [Vertigo (finding)] |
| stated: | Root[0]➞[8]  Sufficient[8]➞[7]  And[7]➞[4, 5, 6]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Vertigo (finding)   Concept[5] Seizure disorder (disorder)   Concept[6] Vertiginous syndrome (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[16]  Sufficient[16]➞[15]  And[15]➞[6, 10, 14, 2, 1]  Some[6] role group➞[5]  And[5]➞[4]  Some[4] Has definitional manifestation➞[3]  Concept[3] Seizure (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Has definitional manifestation➞[7]  Concept[7] Vertigo (finding)   Some[14] role group➞[13]  And[13]➞[12]  Some[12] Finding site➞[11]  Concept[11] Brain structure (body structure)   Concept[2] Seizure disorder (disorder)   Concept[1] Vertiginous syndrome (disorder)   ⦙85::ACTIVE 2005-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 127062003 | [Erythrocytosis (disorder)]➞(Has definitional manifestation)➞  [Red blood cell count raised (finding)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Red blood cell count raised (finding)   Concept[5] Red blood cell disorder (disorder)   ⦙22::ACTIVE 2005-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Red blood cell count raised (finding)   Concept[5] Red blood cell disorder (disorder)   ⦙85::ACTIVE 2005-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A; temporal issues |
| review: |  |

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| 190533004 | [Estrogen excess (disorder)]➞(Has definitional manifestation)➞  [Increased hormone secretion (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Increased hormone secretion (finding)   Concept[1] Gynecological endocrinology disorder (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[4, 8, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Increased hormone secretion (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Finding site➞[5]  Concept[5] Gonadal endocrine structure (body structure)   Concept[9] Gynecological endocrinology disorder (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 27254001 | [Extramedullary hematopoiesis of spleen (disorder)]➞(Has definitional manifestation)➞  [Extramedullary hematopoiesis (finding)] |
| stated: | Root[0]➞[11]  Sufficient[11]➞[10]  And[10]➞[4, 9, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Finding site➞[1]  Concept[1] Splenic structure (body structure)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Extramedullary hematopoiesis (finding)   Concept[5] Disorder of spleen (disorder)   ⦙8::ACTIVE 2009-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Sufficient[11]➞[10]  And[10]➞[5, 9, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Finding site➞[2]  Concept[2] Splenic structure (body structure)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Extramedullary hematopoiesis (finding)   Concept[1] Disorder of spleen (disorder)   ⦙89::ACTIVE 2009-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 190966007 | [Extreme obesity with alveolar hypoventilation (disorder)]➞(Has definitional manifestation)➞  [Alveolar hypoventilation (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Alveolar hypoventilation (finding)   Concept[5] Morbid obesity (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[5, 9, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Alveolar hypoventilation (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Obese (finding)   Concept[1] Morbid obesity (disorder)   ⦙72::ACTIVE 2006-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 230432008 | [Familial febrile convulsions (disorder)]➞(Has definitional manifestation)➞  [Febrile convulsion (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Febrile convulsion (finding)   Concept[5] Familial disease (disorder)   ⦙16::ACTIVE 2010-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Febrile convulsion (finding)   Concept[1] Familial disease (disorder)   ⦙76::ACTIVE 2010-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 89217008 | [Female homosexual (finding)]➞(Has definitional manifestation)➞  [Sexually attracted to female gender (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Sexually attracted to female gender (finding)   Concept[1] Homosexual (finding)   ⦙49::ACTIVE 2013-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[5, 9, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Interprets➞[2]  Concept[2] Sexual orientation (observable entity)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Sexually attracted to female gender (finding)   Concept[1] Homosexual (finding)   ⦙111::ACTIVE 2013-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 6738008 | [Female infertility (disorder)]➞(Has definitional manifestation)➞  [Infertile (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Infertile (finding)   Concept[1] Female reproductive system disorder (disorder)   ⦙8::ACTIVE 2009-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[4, 9, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Finding site➞[1]  Concept[1] Structure of anatomical reproductive system (body structure)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Infertile (finding)   Concept[5] Female reproductive system disorder (disorder)   ⦙89::ACTIVE 2009-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 472981000 | [Fetishistic transvestism (disorder)]➞(Has definitional manifestation)➞  [Cross-dressing (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Cross-dressing (finding)   Concept[1] Fetishism (disorder)   ⦙49::ACTIVE 2013-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Cross-dressing (finding)   Concept[5] Fetishism (disorder)   ⦙111::ACTIVE 2013-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 51286002 | [Filamentary keratitis (disorder)]➞(Has definitional manifestation)➞  [Corneal filament (finding)] |
| stated: | Root[0]➞[13]  Necessary[13]➞[12]  And[12]➞[4, 11, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Corneal filament (finding)   Some[11] role group➞[10]  And[10]➞[9, 7]  Some[9] Associated morphology➞[8]  Concept[8] Inflammation (morphologic abnormality)   Some[7] Finding site➞[6]  Concept[6] Corneal structure (body structure)   Concept[5] Keratitis (disorder)   ⦙9::ACTIVE 2006-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[13]  Necessary[13]➞[12]  And[12]➞[4, 11, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Corneal filament (finding)   Some[11] role group➞[10]  And[10]➞[9, 7]  Some[9] Associated morphology➞[8]  Concept[8] Inflammation (morphologic abnormality)   Some[7] Finding site➞[6]  Concept[6] Corneal structure (body structure)   Concept[5] Keratitis (disorder)   ⦙72::ACTIVE 2006-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 109984001 | [Gamma heavy chain disease (disorder)]➞(Has definitional manifestation)➞  [Monoclonal gamma heavy chain present (finding)] |
| stated: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[4, 8, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Monoclonal gamma heavy chain present (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Due to➞[5]  Concept[5] Malignant lymphoma - lymphoplasmacytic (disorder)   Concept[9] Heavy chain disease (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[27]  Necessary[27]➞[26]  And[26]➞[4, 8, 13, 17, 21, 25, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Increased immunoglobulin (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Serum gamma globulin raised (finding)   Some[13] role group➞[12]  And[12]➞[11]  Some[11] Due to➞[10]  Concept[10] Malignant lymphoma - lymphoplasmacytic (disorder)   Some[17] role group➞[16]  And[16]➞[15]  Some[15] Has definitional manifestation➞[14]  Concept[14] Monoclonal gamma heavy chain present (finding)   Some[21] role group➞[20]  And[20]➞[19]  Some[19] Has definitional manifestation➞[18]  Concept[18] Immune system finding (finding)   Some[25] role group➞[24]  And[24]➞[23]  Some[23] Associated morphology➞[22]  Concept[22] Heavy chain disease (morphologic abnormality)   Concept[9] Heavy chain disease (disorder)   ⦙89::ACTIVE 2009-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A; note the explicit present |
| review: |  |

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| 111001004 | [Gammopathy (disorder)]➞(Has definitional manifestation)➞  [Serum gamma globulin raised (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Serum gamma globulin raised (finding)   Concept[1] Disorder of immune function (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[4, 8, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Immune system finding (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Serum gamma globulin raised (finding)   Concept[9] Disorder of immune function (disorder)   ⦙90::ACTIVE 2007-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 275446004 | [Gardner-Diamond syndrome (disorder)]➞(Has definitional manifestation)➞  [Autoerythrocyte sensitivity (finding)] |
| stated: | Root[0]➞[13]  Necessary[13]➞[12]  And[12]➞[4, 11, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Autoerythrocyte sensitivity (finding)   Some[11] role group➞[10]  And[10]➞[7, 9]  Some[7] Associated morphology➞[6]  Concept[6] Purpura (morphologic abnormality)   Some[9] Finding site➞[8]  Concept[8] Skin structure (body structure)   Concept[5] Vascular hemostatic disease (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[24]  Necessary[24]➞[23]  And[23]➞[4, 9, 15, 22, 5, 10, 11, 16]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Autoerythrocyte sensitivity (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Finding site➞[6]  Concept[6] Peripheral vascular system structure (body structure)   Some[15] role group➞[14]  And[14]➞[13]  Some[13] Has definitional manifestation➞[12]  Concept[12] Purpura (finding)   Some[22] role group➞[21]  And[21]➞[20, 18]  Some[20] Associated morphology➞[19]  Concept[19] Purpura (morphologic abnormality)   Some[18] Finding site➞[17]  Concept[17] Skin structure (body structure)   Concept[5] Bleeding skin (finding)   Concept[10] Disorder of immune function (disorder)   Concept[11] Skin lesion (disorder)   Concept[16] Vascular hemostatic disease (disorder)   ⦙100::ACTIVE 2011-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 371101003 | [Gastroesophageal reflux disease with apnea (disorder)]➞(Has definitional manifestation)➞  [Apnea (finding)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Apnea (finding)   Concept[1] Gastroesophageal reflux disease (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Sufficient[11]➞[10]  And[10]➞[4, 9, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Apnea (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Finding site➞[6]  Concept[6] Cardioesophageal junction structure (body structure)   Concept[5] Gastroesophageal reflux disease (disorder)   ⦙87::ACTIVE 2002-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 45414006 | [Glucocorticoid deficiency with achalasia (disorder)]➞(Has definitional manifestation)➞  [Achalasia (finding)] |
| stated: | Root[0]➞[9]  Necessary[9]➞[8]  And[8]➞[6, 2, 1, 7]  Some[6] role group➞[5]  And[5]➞[4]  Some[4] Has definitional manifestation➞[3]  Concept[3] Achalasia (finding)   Concept[2] Adrenal cortical hypofunction (disorder)   Concept[1] Achalasia of esophagus (disorder)   Concept[7] Autosomal recessive hereditary disorder (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[19]  Necessary[19]➞[18]  And[18]➞[5, 11, 17, 7, 1, 13, 6, 12]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Achalasia (finding)   Some[11] role group➞[10]  And[10]➞[9]  Some[9] Finding site➞[8]  Concept[8] Adrenal cortex structure (body structure)   Some[17] role group➞[16]  And[16]➞[15]  Some[15] Finding site➞[14]  Concept[14] Cardioesophageal junction structure (body structure)   Concept[7] Hereditary disorder of endocrine system (disorder)   Concept[1] Digestive system hereditary disorder (disorder)   Concept[13] Adrenal cortical hypofunction (disorder)   Concept[6] Achalasia of esophagus (disorder)   Concept[12] Autosomal recessive hereditary disorder (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 90560007 | [Gout (disorder)]➞(Has definitional manifestation)➞  [Blood urate raised (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Blood urate raised (finding)   Concept[5] Disorder of purine metabolism (disorder)   ⦙41::ACTIVE 2012-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Blood urate raised (finding)   Concept[1] Disorder of purine metabolism (disorder)   ⦙109::ACTIVE 2012-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A; functional axis |
| review: |  |

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| 444547006 | [Graft versus host disease of skin (disorder)]➞(Has definitional manifestation)➞  [Graft versus host reaction (finding)] |
| stated: | Root[0]➞[11]  Sufficient[11]➞[10]  And[10]➞[4, 8, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Finding site➞[1]  Concept[1] Skin structure (body structure)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Graft versus host reaction (finding)   Concept[9] Graft-versus-host disease (disorder)   ⦙16::ACTIVE 2010-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[16]  Sufficient[16]➞[15]  And[15]➞[5, 9, 14, 10, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Associated with➞[2]  Concept[2] Grafting procedure (procedure)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Finding site➞[6]  Concept[6] Skin structure (body structure)   Some[14] role group➞[13]  And[13]➞[12]  Some[12] Has definitional manifestation➞[11]  Concept[11] Graft versus host reaction (finding)   Concept[10] Graft-versus-host disease (disorder)   Concept[1] Disorder of skin (disorder)   ⦙76::ACTIVE 2010-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 234646005 | [Graft-versus-host disease (disorder)]➞(Has definitional manifestation)➞  [Graft versus host reaction (finding)] |
| stated: | Root[0]➞[8]  Sufficient[8]➞[7]  And[7]➞[5, 6, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Graft versus host reaction (finding)   Concept[6] Disorder of immune function (disorder)   Concept[1] Graft complications (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[12]  Sufficient[12]➞[11]  And[11]➞[4, 9, 10, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Graft versus host reaction (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Associated with➞[6]  Concept[6] Grafting procedure (procedure)   Concept[10] Disorder of immune function (disorder)   Concept[5] Graft complications (disorder)   ⦙96::ACTIVE 2008-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 417672002 | [Granulocytopenic disorder (disorder)]➞(Has definitional manifestation)➞  [Granulocyte count below reference range (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Granulocyte count below reference range (finding)   Concept[5] Leukopenia (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[4, 8, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Decreased blood leukocyte number (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Granulocyte count below reference range (finding)   Concept[9] Leukopenia (disorder)   ⦙77::ACTIVE 2006-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 230461009 | [Headache disorder (disorder)]➞(Has definitional manifestation)➞  [Headache (finding)] |
| stated: | Root[0]➞[12]  Sufficient[12]➞[11]  And[11]➞[6, 10, 1, 2]  Some[6] role group➞[5]  And[5]➞[4]  Some[4] Has definitional manifestation➞[3]  Concept[3] Headache (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Finding site➞[7]  Concept[7] Head structure (body structure)   Concept[1] Disorder of head (disorder)   Concept[2] Disorder characterized by pain (disorder)   ⦙26::ACTIVE 2004-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[12]  Sufficient[12]➞[11]  And[11]➞[6, 10, 1, 2]  Some[6] role group➞[5]  And[5]➞[4]  Some[4] Has definitional manifestation➞[3]  Concept[3] Headache (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Finding site➞[7]  Concept[7] Head structure (body structure)   Concept[1] Disorder of head (disorder)   Concept[2] Disorder characterized by pain (disorder)   ⦙68::ACTIVE 2004-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | TEMPORAL problem |
| review: |  |

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| 68979007 | [Heavy chain disease (disorder)]➞(Has definitional manifestation)➞  [Monoclonal abnormal heavy chain protein devoid of light chains present (finding)] |
| stated: | Root[0]➞[12]  Sufficient[12]➞[11]  And[11]➞[5, 9, 10, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Monoclonal abnormal heavy chain protein devoid of light chains present (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Associated morphology➞[6]  Concept[6] Heavy chain disease (morphologic abnormality)   Concept[10] Monoclonal gammopathy (disorder)   Concept[1] Plasma cell neoplasm (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[25]  Sufficient[25]➞[24]  And[24]➞[5, 9, 13, 17, 22, 23, 1, 18]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Immune system finding (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Associated morphology➞[6]  Concept[6] Heavy chain disease (morphologic abnormality)   Some[13] role group➞[12]  And[12]➞[11]  Some[11] Has definitional manifestation➞[10]  Concept[10] Monoclonal abnormal heavy chain protein devoid of light chains present (finding)   Some[17] role group➞[16]  And[16]➞[15]  Some[15] Has definitional manifestation➞[14]  Concept[14] Serum gamma globulin raised (finding)   Some[22] role group➞[21]  And[21]➞[20]  Some[20] Has definitional manifestation➞[19]  Concept[19] Increased immunoglobulin (finding)   Concept[23] Primary malignant neoplasm (disorder)   Concept[1] Monoclonal gammopathy (disorder)   Concept[18] Plasma cell neoplasm (disorder)   ⦙89::ACTIVE 2009-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 4416007 | [Heerfordt's syndrome (disorder)]➞(Has definitional manifestation)➞  [Parotid swelling (finding)] |
| stated: | Root[0]➞[8]  Necessary[8]➞[7]  And[7]➞[6, 2, 1]  Some[6] role group➞[5]  And[5]➞[4]  Some[4] Has definitional manifestation➞[3]  Concept[3] Parotid swelling (finding)   Concept[2] Anterior uveitis (disorder)   Concept[1] Ocular sarcoidosis (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[24]  Necessary[24]➞[23]  And[23]➞[5, 10, 16, 22, 1, 6]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Parotid swelling (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Associated morphology➞[7]  Concept[7] Sarcoid type granuloma (morphologic abnormality)   Some[16] role group➞[15]  And[15]➞[14, 12]  Some[14] Associated morphology➞[13]  Concept[13] Inflammation (morphologic abnormality)   Some[12] Finding site➞[11]  Concept[11] Anterior uveal tract structure (body structure)   Some[22] role group➞[21]  And[21]➞[18, 20]  Some[18] Associated morphology➞[17]  Concept[17] Granulomatous inflammation (morphologic abnormality)   Some[20] Finding site➞[19]  Concept[19] Structure of eye proper (body structure)   Concept[1] Anterior uveitis (disorder)   Concept[6] Ocular sarcoidosis (disorder)   ⦙89::ACTIVE 2009-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 53298000 | [Hematuria syndrome (disorder)]➞(Has definitional manifestation)➞  [Blood in urine (finding)] |
| stated: | Root[0]➞[11]  Sufficient[11]➞[10]  And[10]➞[5, 9, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Finding site➞[2]  Concept[2] Urinary system structure (body structure)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Blood in urine (finding)   Concept[1] Disorder of the urinary system (disorder)   ⦙14::ACTIVE 2002-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Sufficient[11]➞[10]  And[10]➞[5, 9, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Finding site➞[2]  Concept[2] Urinary system structure (body structure)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Blood in urine (finding)   Concept[1] Disorder of the urinary system (disorder)   ⦙87::ACTIVE 2002-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 84260001 | [Hemoglobinopathy with cyanosis (disorder)]➞(Has definitional manifestation)➞  [Cyanosis (finding)] |
| stated: | Root[0]➞[8]  Necessary[8]➞[7]  And[7]➞[5, 6, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Cyanosis (finding)   Concept[6] Central cyanosis (disorder)   Concept[1] Hemoglobinopathy (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[8]  Necessary[8]➞[7]  And[7]➞[6, 1, 2]  Some[6] role group➞[5]  And[5]➞[4]  Some[4] Has definitional manifestation➞[3]  Concept[3] Cyanosis (finding)   Concept[1] Central cyanosis (disorder)   Concept[2] Hemoglobinopathy (disorder)   ⦙89::ACTIVE 2009-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 61261009 | [Hemolytic anemia (disorder)]➞(Has definitional manifestation)➞  [Erythropenia (finding)] |
| stated: | Root[0]➞[12]  Sufficient[12]➞[11]  And[11]➞[6, 10, 1, 2]  Some[6] role group➞[5]  And[5]➞[4]  Some[4] Has definitional manifestation➞[3]  Concept[3] Erythropenia (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Has definitional manifestation➞[7]  Concept[7] Hemolysis (finding)   Concept[1] Hemolytic disorder (disorder)   Concept[2] Anemia (disorder)   ⦙22::ACTIVE 2005-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[12]  Sufficient[12]➞[11]  And[11]➞[6, 10, 1, 2]  Some[6] role group➞[5]  And[5]➞[4]  Some[4] Has definitional manifestation➞[3]  Concept[3] Erythropenia (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Has definitional manifestation➞[7]  Concept[7] Hemolysis (finding)   Concept[1] Hemolytic disorder (disorder)   Concept[2] Anemia (disorder)   ⦙85::ACTIVE 2005-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 61261009 | [Hemolytic anemia (disorder)]➞(Has definitional manifestation)➞  [Hemolysis (finding)] |
| stated: | Root[0]➞[12]  Sufficient[12]➞[11]  And[11]➞[6, 10, 1, 2]  Some[6] role group➞[5]  And[5]➞[4]  Some[4] Has definitional manifestation➞[3]  Concept[3] Erythropenia (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Has definitional manifestation➞[7]  Concept[7] Hemolysis (finding)   Concept[1] Hemolytic disorder (disorder)   Concept[2] Anemia (disorder)   ⦙22::ACTIVE 2005-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[12]  Sufficient[12]➞[11]  And[11]➞[6, 10, 1, 2]  Some[6] role group➞[5]  And[5]➞[4]  Some[4] Has definitional manifestation➞[3]  Concept[3] Erythropenia (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Has definitional manifestation➞[7]  Concept[7] Hemolysis (finding)   Concept[1] Hemolytic disorder (disorder)   Concept[2] Anemia (disorder)   ⦙85::ACTIVE 2005-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 128086004 | [Hemolytic disorder (disorder)]➞(Has definitional manifestation)➞  [Hemolysis (finding)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Hemolysis (finding)   Concept[1] Red blood cell disorder (disorder)   ⦙22::ACTIVE 2005-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Hemolysis (finding)   Concept[1] Red blood cell disorder (disorder)   ⦙85::ACTIVE 2005-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 39778006 | [Hemolytic transfusion reaction (disorder)]➞(Has definitional manifestation)➞  [Hemolysis (finding)] |
| stated: | Root[0]➞[8]  Sufficient[8]➞[7]  And[7]➞[6, 1, 2]  Some[6] role group➞[5]  And[5]➞[4]  Some[4] Has definitional manifestation➞[3]  Concept[3] Hemolysis (finding)   Concept[1] Hemolytic disorder (disorder)   Concept[2] Blood transfusion reaction (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[12]  Sufficient[12]➞[11]  And[11]➞[4, 10, 5, 6]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Hemolysis (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] After➞[7]  Concept[7] Transfusion of blood product (procedure)   Concept[5] Hemolytic disorder (disorder)   Concept[6] Blood transfusion reaction (disorder)   ⦙85::ACTIVE 2005-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 427167008 | [Hereditary angioneurotic edema with normal C1 esterase inhibitor activity (disorder)]➞(Has definitional manifestation)➞  [Immune system finding (finding)] |
| stated: | Root[0]➞[12]  Necessary[12]➞[11]  And[11]➞[4, 9, 10, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Finding site➞[1]  Concept[1] Structure of immune system (body structure)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Immune system finding (finding)   Concept[10] Autosomal dominant hereditary disorder (disorder)   Concept[5] Angioedema (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[4, 8, 15, 11, 9, 10, 16]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Finding site➞[1]  Concept[1] Structure of immune system (body structure)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Associated morphology➞[5]  Concept[5] Urticaria (morphologic abnormality)   Some[15] role group➞[14]  And[14]➞[13]  Some[13] Has definitional manifestation➞[12]  Concept[12] Immune system finding (finding)   Concept[11] Autosomal dominant hereditary disorder (disorder)   Concept[9] Disorder of immune structure (disorder)   Concept[10] Angioedema (disorder)   Concept[16] Hereditary disorder of immune system (disorder)   ⦙90::ACTIVE 2007-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 403800004 | [Hereditary racquet nails (disorder)]➞(Has definitional manifestation)➞  [Brachyonychia (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Brachyonychia (finding)   Concept[5] Inherited deformity of nail (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[13]  Necessary[13]➞[12]  And[12]➞[5, 11, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Brachyonychia (finding)   Some[11] role group➞[10]  And[10]➞[9, 7]  Some[9] Associated morphology➞[8]  Concept[8] Deformity (morphologic abnormality)   Some[7] Finding site➞[6]  Concept[6] Nail structure (body structure)   Concept[1] Inherited deformity of nail (disorder)   ⦙85::ACTIVE 2005-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 66931009 | [Hypercalcemia (disorder)]➞(Has definitional manifestation)➞  [Raised serum calcium level (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Raised serum calcium level (finding)   Concept[5] Disorder of calcium metabolism (disorder)   ⦙26::ACTIVE 2004-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Raised serum calcium level (finding)   Concept[5] Disorder of calcium metabolism (disorder)   ⦙68::ACTIVE 2004-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A; Consider a synonym, what is the value of having both? |
| review: |  |

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| 13644009 | [Hypercholesterolemia (disorder)]➞(Has definitional manifestation)➞  [Serum cholesterol raised (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Serum cholesterol raised (finding)   Concept[1] Hyperlipidemia (disorder)   ⦙24::ACTIVE 2011-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Serum cholesterol raised (finding)   Concept[1] Hyperlipidemia (disorder)   ⦙100::ACTIVE 2011-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A; Consider a synonym, what is the value of having both? |
| review: |  |

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| 37295009 | [Hyperestrogenism (disorder)]➞(Has definitional manifestation)➞  [Increased hormone production (finding)] |
| stated: | Root[0]➞[12]  Necessary[12]➞[11]  And[11]➞[4, 8, 9, 10]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Finding site➞[1]  Concept[1] Ovarian endocrine structure (body structure)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Increased hormone production (finding)   Concept[9] Disorder of endocrine ovary (disorder)   Concept[10] Disorder of steroid metabolism (disorder)   ⦙21::ACTIVE 2007-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[12]  Necessary[12]➞[11]  And[11]➞[4, 8, 9, 10]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Finding site➞[1]  Concept[1] Ovarian endocrine structure (body structure)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Increased hormone production (finding)   Concept[9] Disorder of endocrine ovary (disorder)   Concept[10] Disorder of steroid metabolism (disorder)   ⦙79::ACTIVE 2007-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A; Consider a synonym, what is the value of having both? |
| review: |  |

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| 439000005 | [Hyperfibrinogenemia (disorder)]➞(Has definitional manifestation)➞  [Fibrinogen in blood above reference range (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Fibrinogen in blood above reference range (finding)   Concept[1] Fibrinogen abnormality (disorder)   ⦙18::ACTIVE 2009-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Fibrinogen in blood above reference range (finding)   Concept[1] Fibrinogen abnormality (disorder)   ⦙92::ACTIVE 2009-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A; Consider a synonym, what is the value of having both? |
| review: |  |

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| 55822004 | [Hyperlipidemia (disorder)]➞(Has definitional manifestation)➞  [Increased lipid (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Increased lipid (finding)   Concept[1] Disorder of lipoprotein storage and metabolism (disorder)   ⦙41::ACTIVE 2012-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Increased lipid (finding)   Concept[1] Disorder of lipoprotein storage and metabolism (disorder)   ⦙109::ACTIVE 2012-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A; Consider a synonym, what is the value of having both? |
| review: |  |

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| 66999008 | [Hyperparathyroidism (disorder)]➞(Has definitional manifestation)➞  [Increased hormone secretion (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Increased hormone secretion (finding)   Concept[5] Disorder of parathyroid gland (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[4, 8, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Finding site➞[1]  Concept[1] Parathyroid structure (body structure)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Increased hormone secretion (finding)   Concept[9] Disorder of parathyroid gland (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 10649000 | [Hyperpituitarism (disorder)]➞(Has definitional manifestation)➞  [Increased hormone production (finding)] |
| stated: | Root[0]➞[11]  Sufficient[11]➞[10]  And[10]➞[4, 9, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Finding site➞[1]  Concept[1] Adenohypophysis structure (body structure)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Increased hormone production (finding)   Concept[5] Disorder of anterior pituitary (disorder)   ⦙22::ACTIVE 2005-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Sufficient[11]➞[10]  And[10]➞[4, 9, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Finding site➞[1]  Concept[1] Adenohypophysis structure (body structure)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Increased hormone production (finding)   Concept[5] Disorder of anterior pituitary (disorder)   ⦙85::ACTIVE 2005-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 81891001 | [Hypersecretion of ovarian androgens (disorder)]➞(Has definitional manifestation)➞  [Increased hormone secretion (finding)] |
| stated: | Root[0]➞[12]  Necessary[12]➞[11]  And[11]➞[6, 10, 2, 1]  Some[6] role group➞[5]  And[5]➞[4]  Some[4] Has definitional manifestation➞[3]  Concept[3] Increased hormone secretion (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Finding site➞[7]  Concept[7] Ovarian endocrine structure (body structure)   Concept[2] Hyperandrogenization syndrome (disorder)   Concept[1] Ovarian hypersecretion (disorder)   ⦙21::ACTIVE 2007-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[12]  Necessary[12]➞[11]  And[11]➞[6, 10, 2, 1]  Some[6] role group➞[5]  And[5]➞[4]  Some[4] Has definitional manifestation➞[3]  Concept[3] Increased hormone secretion (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Finding site➞[7]  Concept[7] Ovarian endocrine structure (body structure)   Concept[2] Hyperandrogenization syndrome (disorder)   Concept[1] Ovarian hypersecretion (disorder)   ⦙79::ACTIVE 2007-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 190535006 | [Hypersecretion of ovarian progesterone (disorder)]➞(Has definitional manifestation)➞  [Increased hormone secretion (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Increased hormone secretion (finding)   Concept[5] Ovarian hypersecretion (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[4, 9, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Finding site➞[1]  Concept[1] Ovarian endocrine structure (body structure)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Increased hormone secretion (finding)   Concept[5] Ovarian hypersecretion (disorder)   ⦙79::ACTIVE 2007-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 38341003 | [Hypertensive disorder, systemic arterial (disorder)]➞(Has definitional manifestation)➞  [Finding of increased blood pressure (finding)] |
| stated: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[4, 8, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Finding of increased blood pressure (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Finding site➞[5]  Concept[5] Systemic circulatory system structure (body structure)   Concept[9] Disorder of cardiovascular system (disorder)   ⦙41::ACTIVE 2012-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[4, 8, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Finding of increased blood pressure (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Finding site➞[5]  Concept[5] Systemic circulatory system structure (body structure)   Concept[9] Disorder of cardiovascular system (disorder)   ⦙109::ACTIVE 2012-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 235630008 | [Hypertensive lower esophageal sphincter (disorder)]➞(Has definitional manifestation)➞  [Hypertensive spasm of cardiac sphincter (finding)] |
| stated: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[4, 8, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Hypertensive spasm of cardiac sphincter (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Finding site➞[5]  Concept[5] Inferior esophageal sphincter structure (body structure)   Concept[9] Esophageal dysmotility (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[13]  Necessary[13]➞[12]  And[12]➞[7, 11, 1, 2, 3]  Some[7] role group➞[6]  And[6]➞[5]  Some[5] Finding site➞[4]  Concept[4] Inferior esophageal sphincter structure (body structure)   Some[11] role group➞[10]  And[10]➞[9]  Some[9] Has definitional manifestation➞[8]  Concept[8] Hypertensive spasm of cardiac sphincter (finding)   Concept[1] Disorder of smooth muscle (disorder)   Concept[2] Esophageal dysmotility (disorder)   Concept[3] Disorder of stomach (disorder)   ⦙68::ACTIVE 2004-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 11888009 | [Hyperviscosity syndrome (disorder)]➞(Has definitional manifestation)➞  [Increased blood viscosity (finding)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Increased blood viscosity (finding)   Concept[5] Disease (disorder)   ⦙22::ACTIVE 2005-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Increased blood viscosity (finding)   Concept[5] Disease (disorder)   ⦙85::ACTIVE 2005-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93559003 | [Hypogonadism with anosmia (disorder)]➞(Has definitional manifestation)➞  [Loss of sense of smell (finding)] |
| stated: | Root[0]➞[21]  Necessary[21]➞[20]  And[20]➞[4, 11, 19, 6, 7, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[11] role group➞[10]  And[10]➞[9]  Some[9] Has definitional manifestation➞[8]  Concept[8] Loss of sense of smell (finding)   Some[19] role group➞[18]  And[18]➞[13, 15, 17]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[15] Finding site➞[14]  Concept[14] Pituitary structure (body structure)   Some[17] Finding site➞[16]  Concept[16] Rhinencephalon structure (body structure)   Concept[6] Hypogonadism (disorder)   Concept[7] Congenital anomaly of brain (disorder)   Concept[5] Multisystem disorder (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[26]  Necessary[26]➞[25]  And[25]➞[6, 12, 16, 24, 7, 8, 2, 1]  Some[6] role group➞[5]  And[5]➞[4]  Some[4] Has definitional manifestation➞[3]  Concept[3] Loss of sense of smell (finding)   Some[12] role group➞[11]  And[11]➞[10]  Some[10] Finding site➞[9]  Concept[9] Gonadal endocrine structure (body structure)   Some[16] role group➞[15]  And[15]➞[14]  Some[14] Occurrence➞[13]  Concept[13] Congenital (qualifier value)   Some[24] role group➞[23]  And[23]➞[18, 20, 22]  Some[18] Associated morphology➞[17]  Concept[17] Congenital anomaly (morphologic abnormality)   Some[20] Finding site➞[19]  Concept[19] Pituitary structure (body structure)   Some[22] Finding site➞[21]  Concept[21] Rhinencephalon structure (body structure)   Concept[7] Hypogonadism (disorder)   Concept[8] Multisystem disorder (disorder)   Concept[2] Disorder of olfactory system (disorder)   Concept[1] Congenital anomaly of pituitary gland (disorder)   ⦙90::ACTIVE 2007-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 36976004 | [Hypoparathyroidism (disorder)]➞(Has definitional manifestation)➞  [Decreased hormone secretion (finding)] |
| stated: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[4, 8, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Decreased hormone secretion (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Finding site➞[5]  Concept[5] Parathyroid structure (body structure)   Concept[9] Disorder of parathyroid gland (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[4, 8, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Decreased hormone secretion (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Finding site➞[5]  Concept[5] Parathyroid structure (body structure)   Concept[9] Disorder of parathyroid gland (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 19721008 | [Hypotony of eye (disorder)]➞(Has definitional manifestation)➞  [Decreased intraocular pressure (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Decreased intraocular pressure (finding)   Concept[1] Disorder of eye proper (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[4, 8, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Finding site➞[1]  Concept[1] Structure of eye proper (body structure)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Decreased intraocular pressure (finding)   Concept[9] Disorder of eye proper (disorder)   ⦙79::ACTIVE 2007-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 66957007 | [Iatrogenic testicular hypofunction (disorder)]➞(Has definitional manifestation)➞  [Decreased hormone production (finding)] |
| stated: | Root[0]➞[8]  Sufficient[8]➞[7]  And[7]➞[4, 6, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Decreased hormone production (finding)   Concept[6] Iatrogenic disorder (disorder)   Concept[5] Testicular hypofunction (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[12]  Sufficient[12]➞[11]  And[11]➞[5, 10, 1, 6]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Decreased hormone production (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Finding site➞[7]  Concept[7] Testicular endocrine structure (body structure)   Concept[1] Iatrogenic disorder (disorder)   Concept[6] Testicular hypofunction (disorder)   ⦙90::ACTIVE 2007-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 285423008 | [Immunoglobulin A monoclonal gammopathy of uncertain significance (disorder)]➞(Has definitional manifestation)➞  [Monoclonal immunoglobulin A present (finding)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Monoclonal immunoglobulin A present (finding)   Concept[5] Monoclonal gammopathy of uncertain significance (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[23]  Sufficient[23]➞[22]  And[22]➞[4, 8, 12, 17, 21, 13]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Monoclonal immunoglobulin A present (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Associated morphology➞[5]  Concept[5] Monoclonal gammopathy of undetermined significance (morphologic abnormality)   Some[12] role group➞[11]  And[11]➞[10]  Some[10] Has definitional manifestation➞[9]  Concept[9] Increased immunoglobulin (finding)   Some[17] role group➞[16]  And[16]➞[15]  Some[15] Has definitional manifestation➞[14]  Concept[14] Immune system finding (finding)   Some[21] role group➞[20]  And[20]➞[19]  Some[19] Has definitional manifestation➞[18]  Concept[18] Serum gamma globulin raised (finding)   Concept[13] Monoclonal gammopathy of uncertain significance (disorder)   ⦙89::ACTIVE 2009-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 285420006 | [Immunoglobulin A myeloma (disorder)]➞(Has definitional manifestation)➞  [Monoclonal immunoglobulin A present (finding)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Monoclonal immunoglobulin A present (finding)   Concept[1] Multiple myeloma (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Sufficient[11]➞[10]  And[10]➞[4, 8, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Monoclonal immunoglobulin A present (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Associated morphology➞[5]  Concept[5] Plasma cell myeloma - category (morphologic abnormality)   Concept[9] Multiple myeloma (disorder)   ⦙89::ACTIVE 2009-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 285428004 | [Immunoglobulin D monoclonal gammopathy of uncertain significance (disorder)]➞(Has definitional manifestation)➞  [Monoclonal immunoglobulin D present (finding)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Monoclonal immunoglobulin D present (finding)   Concept[5] Monoclonal gammopathy of uncertain significance (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[23]  Sufficient[23]➞[22]  And[22]➞[4, 8, 12, 16, 21, 17]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Immune system finding (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Increased immunoglobulin (finding)   Some[12] role group➞[11]  And[11]➞[10]  Some[10] Has definitional manifestation➞[9]  Concept[9] Serum gamma globulin raised (finding)   Some[16] role group➞[15]  And[15]➞[14]  Some[14] Has definitional manifestation➞[13]  Concept[13] Monoclonal immunoglobulin D present (finding)   Some[21] role group➞[20]  And[20]➞[19]  Some[19] Associated morphology➞[18]  Concept[18] Monoclonal gammopathy of undetermined significance (morphologic abnormality)   Concept[17] Monoclonal gammopathy of uncertain significance (disorder)   ⦙89::ACTIVE 2009-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 285422003 | [Immunoglobulin D myeloma (disorder)]➞(Has definitional manifestation)➞  [Monoclonal immunoglobulin D present (finding)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Monoclonal immunoglobulin D present (finding)   Concept[1] Multiple myeloma (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Sufficient[11]➞[10]  And[10]➞[4, 8, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Associated morphology➞[1]  Concept[1] Plasma cell myeloma - category (morphologic abnormality)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Monoclonal immunoglobulin D present (finding)   Concept[9] Multiple myeloma (disorder)   ⦙89::ACTIVE 2009-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 285424002 | [Immunoglobulin G monoclonal gammopathy of uncertain significance (disorder)]➞(Has definitional manifestation)➞  [Monoclonal immunoglobulin G present (finding)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Monoclonal immunoglobulin G present (finding)   Concept[1] Monoclonal gammopathy of uncertain significance (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[23]  Sufficient[23]➞[22]  And[22]➞[4, 8, 13, 17, 21, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Increased immunoglobulin (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Monoclonal immunoglobulin G present (finding)   Some[13] role group➞[12]  And[12]➞[11]  Some[11] Has definitional manifestation➞[10]  Concept[10] Serum gamma globulin raised (finding)   Some[17] role group➞[16]  And[16]➞[15]  Some[15] Has definitional manifestation➞[14]  Concept[14] Immune system finding (finding)   Some[21] role group➞[20]  And[20]➞[19]  Some[19] Associated morphology➞[18]  Concept[18] Monoclonal gammopathy of undetermined significance (morphologic abnormality)   Concept[9] Monoclonal gammopathy of uncertain significance (disorder)   ⦙89::ACTIVE 2009-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 285421005 | [Immunoglobulin G myeloma (disorder)]➞(Has definitional manifestation)➞  [Monoclonal immunoglobulin G present (finding)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Monoclonal immunoglobulin G present (finding)   Concept[5] Multiple myeloma (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Sufficient[11]➞[10]  And[10]➞[5, 9, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Associated morphology➞[2]  Concept[2] Plasma cell myeloma - category (morphologic abnormality)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Monoclonal immunoglobulin G present (finding)   Concept[1] Multiple myeloma (disorder)   ⦙89::ACTIVE 2009-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 285426000 | [Immunoglobulin M monoclonal gammopathy of uncertain significance (disorder)]➞(Has definitional manifestation)➞  [Monoclonal immunoglobulin M present (finding)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Monoclonal immunoglobulin M present (finding)   Concept[1] Monoclonal gammopathy of uncertain significance (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[23]  Sufficient[23]➞[22]  And[22]➞[4, 8, 12, 16, 20, 21]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Serum gamma globulin raised (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Monoclonal immunoglobulin M present (finding)   Some[12] role group➞[11]  And[11]➞[10]  Some[10] Has definitional manifestation➞[9]  Concept[9] Immune system finding (finding)   Some[16] role group➞[15]  And[15]➞[14]  Some[14] Has definitional manifestation➞[13]  Concept[13] Increased immunoglobulin (finding)   Some[20] role group➞[19]  And[19]➞[18]  Some[18] Associated morphology➞[17]  Concept[17] Monoclonal gammopathy of undetermined significance (morphologic abnormality)   Concept[21] Monoclonal gammopathy of uncertain significance (disorder)   ⦙89::ACTIVE 2009-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93562000 | [Incomplete ossification of alisphenoid bone (disorder)]➞(Has definitional manifestation)➞  [Incomplete ossification (finding)] |
| stated: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[4, 8, 16, 10, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Incomplete ossification (finding)   Some[16] role group➞[15]  And[15]➞[14, 12]  Some[14] Associated morphology➞[13]  Concept[13] Congenital anomaly (morphologic abnormality)   Some[12] Finding site➞[11]  Concept[11] Structure of greater wing of sphenoid bone (body structure)   Concept[10] Congenital anomaly of alisphenoid bone (disorder)   Concept[9] Defect of skull ossification (disorder)   ⦙37::ACTIVE 2008-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[4, 8, 16, 10, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Incomplete ossification (finding)   Some[16] role group➞[15]  And[15]➞[14, 12]  Some[14] Associated morphology➞[13]  Concept[13] Congenital anomaly (morphologic abnormality)   Some[12] Finding site➞[11]  Concept[11] Structure of greater wing of sphenoid bone (body structure)   Concept[10] Congenital anomaly of alisphenoid bone (disorder)   Concept[9] Defect of skull ossification (disorder)   ⦙96::ACTIVE 2008-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93564004 | [Incomplete ossification of arch of cervical vertebra (disorder)]➞(Has definitional manifestation)➞  [Incomplete ossification (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 8, 15, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Incomplete ossification (finding)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Congenital anomaly (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Structure of arch of cervical vertebra (body structure)   Concept[9] Congenital anomaly of cervical vertebra (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 8, 15, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Incomplete ossification (finding)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Congenital anomaly (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Structure of arch of cervical vertebra (body structure)   Concept[9] Congenital anomaly of cervical vertebra (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93565003 | [Incomplete ossification of arch of lumbar vertebra (disorder)]➞(Has definitional manifestation)➞  [Incomplete ossification (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 8, 15, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Incomplete ossification (finding)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Congenital anomaly (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Structure of arch of lumbar vertebra (body structure)   Concept[9] Congenital anomaly of lumbar vertebra (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 8, 15, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Incomplete ossification (finding)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Congenital anomaly (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Structure of arch of lumbar vertebra (body structure)   Concept[9] Congenital anomaly of lumbar vertebra (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93566002 | [Incomplete ossification of arch of sacral vertebra (disorder)]➞(Has definitional manifestation)➞  [Incomplete ossification (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[5, 9, 15, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Incomplete ossification (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Congenital (qualifier value)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Structure of arch of sacral vertebra (body structure)   Concept[1] Congenital anomaly of sacral vertebra (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[5, 9, 15, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Incomplete ossification (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Congenital (qualifier value)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Structure of arch of sacral vertebra (body structure)   Concept[1] Congenital anomaly of sacral vertebra (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93567006 | [Incomplete ossification of arch of thoracic vertebra (disorder)]➞(Has definitional manifestation)➞  [Incomplete ossification (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[5, 9, 15, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Occurrence➞[2]  Concept[2] Congenital (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Incomplete ossification (finding)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Structure of arch of thoracic vertebra (body structure)   Concept[1] Congenital anomaly of thoracic vertebra (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[5, 9, 15, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Occurrence➞[2]  Concept[2] Congenital (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Incomplete ossification (finding)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Structure of arch of thoracic vertebra (body structure)   Concept[1] Congenital anomaly of thoracic vertebra (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93568001 | [Incomplete ossification of basioccipital bone (disorder)]➞(Has definitional manifestation)➞  [Incomplete ossification (finding)] |
| stated: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[4, 10, 16, 6, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Incomplete ossification (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Occurrence➞[7]  Concept[7] Congenital (qualifier value)   Some[16] role group➞[15]  And[15]➞[12, 14]  Some[12] Associated morphology➞[11]  Concept[11] Congenital anomaly (morphologic abnormality)   Some[14] Finding site➞[13]  Concept[13] Structure of basilar part of occipital bone (body structure)   Concept[6] Congenital anomaly of basioccipital bone (disorder)   Concept[5] Defect of skull ossification (disorder)   ⦙37::ACTIVE 2008-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[4, 10, 16, 6, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Incomplete ossification (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Occurrence➞[7]  Concept[7] Congenital (qualifier value)   Some[16] role group➞[15]  And[15]➞[12, 14]  Some[12] Associated morphology➞[11]  Concept[11] Congenital anomaly (morphologic abnormality)   Some[14] Finding site➞[13]  Concept[13] Structure of basilar part of occipital bone (body structure)   Concept[6] Congenital anomaly of basioccipital bone (disorder)   Concept[5] Defect of skull ossification (disorder)   ⦙96::ACTIVE 2008-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93569009 | [Incomplete ossification of basisphenoid bone (disorder)]➞(Has definitional manifestation)➞  [Incomplete ossification (finding)] |
| stated: | Root[0]➞[20]  Necessary[20]➞[19]  And[19]➞[4, 10, 18, 6, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Incomplete ossification (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Occurrence➞[7]  Concept[7] Congenital (qualifier value)   Some[18] role group➞[17]  And[17]➞[12, 14, 16]  Some[12] Associated morphology➞[11]  Concept[11] Congenital anomaly (morphologic abnormality)   Some[14] Finding site➞[13]  Concept[13] Bone structure of cranium (body structure)   Some[16] Finding site➞[15]  Concept[15] Structure of basisphenoid bone (body structure)   Concept[6] Congenital anomaly of basisphenoid bone (disorder)   Concept[5] Defect of skull ossification (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[20]  Necessary[20]➞[19]  And[19]➞[4, 10, 18, 6, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Incomplete ossification (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Occurrence➞[7]  Concept[7] Congenital (qualifier value)   Some[18] role group➞[17]  And[17]➞[12, 14, 16]  Some[12] Associated morphology➞[11]  Concept[11] Congenital anomaly (morphologic abnormality)   Some[14] Finding site➞[13]  Concept[13] Bone structure of cranium (body structure)   Some[16] Finding site➞[15]  Concept[15] Structure of basisphenoid bone (body structure)   Concept[6] Congenital anomaly of basisphenoid bone (disorder)   Concept[5] Defect of skull ossification (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93570005 | [Incomplete ossification of calcaneus (disorder)]➞(Has definitional manifestation)➞  [Incomplete ossification (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 9, 15, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Incomplete ossification (finding)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Congenital anomaly (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Bone structure of calcaneum (body structure)   Concept[5] Congenital anomaly of calcaneus (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 9, 15, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Incomplete ossification (finding)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Congenital anomaly (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Bone structure of calcaneum (body structure)   Concept[5] Congenital anomaly of calcaneus (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93573007 | [Incomplete ossification of centrum of cervical vertebra (disorder)]➞(Has definitional manifestation)➞  [Incomplete ossification (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 9, 15, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Incomplete ossification (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Congenital (qualifier value)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Structure of centrum of cervical vertebra (body structure)   Concept[5] Congenital anomaly of cervical vertebra (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[4, 10, 16, 6, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Incomplete ossification (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Occurrence➞[7]  Concept[7] Congenital (qualifier value)   Some[16] role group➞[15]  And[15]➞[14, 12]  Some[14] Associated morphology➞[13]  Concept[13] Congenital anomaly (morphologic abnormality)   Some[12] Finding site➞[11]  Concept[11] Structure of centrum of cervical vertebra (body structure)   Concept[6] Disorder of embryonic structure (disorder)   Concept[5] Congenital anomaly of cervical vertebra (disorder)   ⦙98::ACTIVE 2013-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93574001 | [Incomplete ossification of centrum of lumbar vertebra (disorder)]➞(Has definitional manifestation)➞  [Incomplete ossification (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 9, 15, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Incomplete ossification (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Congenital (qualifier value)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Structure of centrum of lumbar vertebra (body structure)   Concept[5] Congenital anomaly of lumbar vertebra (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[4, 10, 16, 5, 6]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Incomplete ossification (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Occurrence➞[7]  Concept[7] Congenital (qualifier value)   Some[16] role group➞[15]  And[15]➞[14, 12]  Some[14] Associated morphology➞[13]  Concept[13] Congenital anomaly (morphologic abnormality)   Some[12] Finding site➞[11]  Concept[11] Structure of centrum of lumbar vertebra (body structure)   Concept[5] Congenital anomaly of lumbar vertebra (disorder)   Concept[6] Disorder of embryonic structure (disorder)   ⦙98::ACTIVE 2013-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93575000 | [Incomplete ossification of centrum of sacral vertebra (disorder)]➞(Has definitional manifestation)➞  [Incomplete ossification (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 9, 15, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Incomplete ossification (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Congenital (qualifier value)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Structure of centrum of sacral vertebra (body structure)   Concept[5] Congenital anomaly of sacral vertebra (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[4, 10, 16, 6, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Incomplete ossification (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Occurrence➞[7]  Concept[7] Congenital (qualifier value)   Some[16] role group➞[15]  And[15]➞[14, 12]  Some[14] Associated morphology➞[13]  Concept[13] Congenital anomaly (morphologic abnormality)   Some[12] Finding site➞[11]  Concept[11] Structure of centrum of sacral vertebra (body structure)   Concept[6] Disorder of embryonic structure (disorder)   Concept[5] Congenital anomaly of sacral vertebra (disorder)   ⦙98::ACTIVE 2013-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93576004 | [Incomplete ossification of centrum of thoracic vertebra (disorder)]➞(Has definitional manifestation)➞  [Incomplete ossification (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[5, 9, 15, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Incomplete ossification (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Congenital (qualifier value)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Congenital anomaly (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Structure of centrum of thoracic vertebra (body structure)   Concept[1] Congenital anomaly of thoracic vertebra (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[5, 9, 16, 10, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Incomplete ossification (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Congenital (qualifier value)   Some[16] role group➞[15]  And[15]➞[12, 14]  Some[12] Associated morphology➞[11]  Concept[11] Congenital anomaly (morphologic abnormality)   Some[14] Finding site➞[13]  Concept[13] Structure of centrum of thoracic vertebra (body structure)   Concept[10] Disorder of embryonic structure (disorder)   Concept[1] Congenital anomaly of thoracic vertebra (disorder)   ⦙98::ACTIVE 2013-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93577008 | [Incomplete ossification of clavicle (disorder)]➞(Has definitional manifestation)➞  [Incomplete ossification (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Incomplete ossification (finding)   Concept[1] Congenital deformity of clavicle (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[23]  Necessary[23]➞[22]  And[22]➞[4, 9, 15, 21, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Incomplete ossification (finding)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Upper limb structure (body structure)   Some[21] role group➞[20]  And[20]➞[19, 17]  Some[19] Associated morphology➞[18]  Concept[18] Congenital deformity (morphologic abnormality)   Some[17] Finding site➞[16]  Concept[16] Bone structure of clavicle (body structure)   Concept[5] Congenital deformity of clavicle (disorder)   ⦙105::ACTIVE 2014-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93578003 | [Incomplete ossification of exoccipital bone (disorder)]➞(Has definitional manifestation)➞  [Incomplete ossification (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 8, 15, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Incomplete ossification (finding)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Structure of lateral part of occipital bone (body structure)   Concept[9] Congenital anomaly of exoccipital bone (disorder)   ⦙37::ACTIVE 2008-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 8, 15, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Incomplete ossification (finding)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Structure of lateral part of occipital bone (body structure)   Concept[9] Congenital anomaly of exoccipital bone (disorder)   ⦙96::ACTIVE 2008-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93579006 | [Incomplete ossification of femur (disorder)]➞(Has definitional manifestation)➞  [Incomplete ossification (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 8, 15, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Incomplete ossification (finding)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Bone structure of femur (body structure)   Concept[9] Congenital anomaly of femur (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 8, 15, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Incomplete ossification (finding)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Bone structure of femur (body structure)   Concept[9] Congenital anomaly of femur (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93580009 | [Incomplete ossification of fibula (disorder)]➞(Has definitional manifestation)➞  [Incomplete ossification (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 9, 15, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Incomplete ossification (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Congenital (qualifier value)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Bone structure of fibula (body structure)   Concept[5] Congenital anomaly of fibula (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 9, 15, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Incomplete ossification (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Congenital (qualifier value)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Bone structure of fibula (body structure)   Concept[5] Congenital anomaly of fibula (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93582001 | [Incomplete ossification of frontal bone (disorder)]➞(Has definitional manifestation)➞  [Incomplete ossification (finding)] |
| stated: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[4, 10, 16, 5, 6]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Has definitional manifestation➞[7]  Concept[7] Incomplete ossification (finding)   Some[16] role group➞[15]  And[15]➞[12, 14]  Some[12] Associated morphology➞[11]  Concept[11] Congenital anomaly (morphologic abnormality)   Some[14] Finding site➞[13]  Concept[13] Frontal bone structure (body structure)   Concept[5] Congenital anomaly of frontal bone (disorder)   Concept[6] Defect of skull ossification (disorder)   ⦙37::ACTIVE 2008-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[4, 10, 16, 5, 6]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Has definitional manifestation➞[7]  Concept[7] Incomplete ossification (finding)   Some[16] role group➞[15]  And[15]➞[12, 14]  Some[12] Associated morphology➞[11]  Concept[11] Congenital anomaly (morphologic abnormality)   Some[14] Finding site➞[13]  Concept[13] Frontal bone structure (body structure)   Concept[5] Congenital anomaly of frontal bone (disorder)   Concept[6] Defect of skull ossification (disorder)   ⦙96::ACTIVE 2008-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93584000 | [Incomplete ossification of humerus (disorder)]➞(Has definitional manifestation)➞  [Incomplete ossification (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 9, 15, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Incomplete ossification (finding)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Congenital anomaly (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Bone structure of humerus (body structure)   Concept[5] Congenital anomaly of humerus (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 9, 15, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Incomplete ossification (finding)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Congenital anomaly (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Bone structure of humerus (body structure)   Concept[5] Congenital anomaly of humerus (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93585004 | [Incomplete ossification of hyoid bone (disorder)]➞(Has definitional manifestation)➞  [Incomplete ossification (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 9, 15, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Incomplete ossification (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Congenital (qualifier value)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Hyoid bone structure (body structure)   Concept[5] Congenital anomaly of hyoid bone (disorder)   ⦙37::ACTIVE 2008-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 9, 15, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Incomplete ossification (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Congenital (qualifier value)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Hyoid bone structure (body structure)   Concept[5] Congenital anomaly of hyoid bone (disorder)   ⦙96::ACTIVE 2008-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93587007 | [Incomplete ossification of interparietal bone (disorder)]➞(Has definitional manifestation)➞  [Incomplete ossification (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[5, 9, 15, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Incomplete ossification (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Congenital (qualifier value)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Structure of interparietal bone (body structure)   Concept[1] Congenital anomaly of interparietal bone (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[5, 9, 15, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Incomplete ossification (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Congenital (qualifier value)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Structure of interparietal bone (body structure)   Concept[1] Congenital anomaly of interparietal bone (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93589005 | [Incomplete ossification of lacrimal bone (disorder)]➞(Has definitional manifestation)➞  [Incomplete ossification (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[5, 9, 15, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Occurrence➞[2]  Concept[2] Congenital (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Incomplete ossification (finding)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Lacrimal bone structure (body structure)   Concept[1] Congenital anomaly of lacrimal bone (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[21]  Necessary[21]➞[20]  And[20]➞[4, 9, 13, 19, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Finding site➞[1]  Concept[1] Bone structure of face (body structure)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Incomplete ossification (finding)   Some[13] role group➞[12]  And[12]➞[11]  Some[11] Occurrence➞[10]  Concept[10] Congenital (qualifier value)   Some[19] role group➞[18]  And[18]➞[15, 17]  Some[15] Associated morphology➞[14]  Concept[14] Congenital anomaly (morphologic abnormality)   Some[17] Finding site➞[16]  Concept[16] Lacrimal bone structure (body structure)   Concept[5] Congenital anomaly of lacrimal bone (disorder)   ⦙96::ACTIVE 2008-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93590001 | [Incomplete ossification of mandible (disorder)]➞(Has definitional manifestation)➞  [Incomplete ossification (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Incomplete ossification (finding)   Concept[5] Congenital anomaly of mandible (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 8, 15, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Incomplete ossification (finding)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Bone structure of mandible (body structure)   Concept[9] Congenital anomaly of mandible (disorder)   ⦙81::ACTIVE 2005-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93591002 | [Incomplete ossification of maxilla (disorder)]➞(Has definitional manifestation)➞  [Incomplete ossification (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[5, 9, 15, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Occurrence➞[2]  Concept[2] Congenital (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Incomplete ossification (finding)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Congenital anomaly (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Bone structure of maxilla (body structure)   Concept[1] Congenital anomaly of maxilla (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[5, 9, 15, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Occurrence➞[2]  Concept[2] Congenital (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Incomplete ossification (finding)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Congenital anomaly (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Bone structure of maxilla (body structure)   Concept[1] Congenital anomaly of maxilla (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93593004 | [Incomplete ossification of metatarsal bone (disorder)]➞(Has definitional manifestation)➞  [Incomplete ossification (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[5, 9, 15, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Incomplete ossification (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Congenital (qualifier value)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Metatarsal bone structure (body structure)   Concept[1] Congenital anomaly of metatarsal bone (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[5, 9, 15, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Incomplete ossification (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Congenital (qualifier value)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Metatarsal bone structure (body structure)   Concept[1] Congenital anomaly of metatarsal bone (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93594005 | [Incomplete ossification of nasal bone (disorder)]➞(Has definitional manifestation)➞  [Incomplete ossification (finding)] |
| stated: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[6, 10, 16, 2, 1]  Some[6] role group➞[5]  And[5]➞[4]  Some[4] Occurrence➞[3]  Concept[3] Congenital (qualifier value)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Has definitional manifestation➞[7]  Concept[7] Incomplete ossification (finding)   Some[16] role group➞[15]  And[15]➞[12, 14]  Some[12] Associated morphology➞[11]  Concept[11] Congenital anomaly (morphologic abnormality)   Some[14] Finding site➞[13]  Concept[13] Nasal bone structure (body structure)   Concept[2] Defect of skull ossification (disorder)   Concept[1] Congenital anomaly of nasal bone (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[6, 10, 16, 2, 1]  Some[6] role group➞[5]  And[5]➞[4]  Some[4] Occurrence➞[3]  Concept[3] Congenital (qualifier value)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Has definitional manifestation➞[7]  Concept[7] Incomplete ossification (finding)   Some[16] role group➞[15]  And[15]➞[12, 14]  Some[12] Associated morphology➞[11]  Concept[11] Congenital anomaly (morphologic abnormality)   Some[14] Finding site➞[13]  Concept[13] Nasal bone structure (body structure)   Concept[2] Defect of skull ossification (disorder)   Concept[1] Congenital anomaly of nasal bone (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93595006 | [Incomplete ossification of palatine bone (disorder)]➞(Has definitional manifestation)➞  [Incomplete ossification (finding)] |
| stated: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[4, 9, 16, 10, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Incomplete ossification (finding)   Some[16] role group➞[15]  And[15]➞[12, 14]  Some[12] Associated morphology➞[11]  Concept[11] Congenital anomaly (morphologic abnormality)   Some[14] Finding site➞[13]  Concept[13] Palatine bone structure (body structure)   Concept[10] Congenital anomaly of palatine bone (disorder)   Concept[5] Defect of skull ossification (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[4, 9, 16, 10, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Incomplete ossification (finding)   Some[16] role group➞[15]  And[15]➞[12, 14]  Some[12] Associated morphology➞[11]  Concept[11] Congenital anomaly (morphologic abnormality)   Some[14] Finding site➞[13]  Concept[13] Palatine bone structure (body structure)   Concept[10] Congenital anomaly of palatine bone (disorder)   Concept[5] Defect of skull ossification (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93596007 | [Incomplete ossification of parietal bone (disorder)]➞(Has definitional manifestation)➞  [Incomplete ossification (finding)] |
| stated: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[4, 8, 16, 9, 10]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Incomplete ossification (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Occurrence➞[5]  Concept[5] Congenital (qualifier value)   Some[16] role group➞[15]  And[15]➞[14, 12]  Some[14] Associated morphology➞[13]  Concept[13] Congenital anomaly (morphologic abnormality)   Some[12] Finding site➞[11]  Concept[11] Parietal bone structure (body structure)   Concept[9] Congenital anomaly of parietal bone (disorder)   Concept[10] Defect of skull ossification (disorder)   ⦙37::ACTIVE 2008-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[4, 8, 16, 9, 10]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Incomplete ossification (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Occurrence➞[5]  Concept[5] Congenital (qualifier value)   Some[16] role group➞[15]  And[15]➞[14, 12]  Some[14] Associated morphology➞[13]  Concept[13] Congenital anomaly (morphologic abnormality)   Some[12] Finding site➞[11]  Concept[11] Parietal bone structure (body structure)   Concept[9] Congenital anomaly of parietal bone (disorder)   Concept[10] Defect of skull ossification (disorder)   ⦙96::ACTIVE 2008-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93597003 | [Incomplete ossification of premaxilla (disorder)]➞(Has definitional manifestation)➞  [Incomplete ossification (finding)] |
| stated: | Root[0]➞[20]  Necessary[20]➞[19]  And[19]➞[4, 9, 18, 5, 10]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Incomplete ossification (finding)   Some[18] role group➞[17]  And[17]➞[14, 12, 16]  Some[14] Associated morphology➞[13]  Concept[13] Congenital anomaly (morphologic abnormality)   Some[12] Finding site➞[11]  Concept[11] Structure of premaxillary bone (body structure)   Some[16] Finding site➞[15]  Concept[15] Bone structure of face (body structure)   Concept[5] Defect of skull ossification (disorder)   Concept[10] Congenital anomaly of premaxilla (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[27]  Necessary[27]➞[26]  And[26]➞[4, 8, 17, 25, 9, 10, 11]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Incomplete ossification (finding)   Some[17] role group➞[16]  And[16]➞[13, 15]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[15] Finding site➞[14]  Concept[14] Bone structure of cranium (body structure)   Some[25] role group➞[24]  And[24]➞[23, 19, 21]  Some[23] Associated morphology➞[22]  Concept[22] Congenital anomaly (morphologic abnormality)   Some[19] Finding site➞[18]  Concept[18] Bone structure of face (body structure)   Some[21] Finding site➞[20]  Concept[20] Structure of premaxillary bone (body structure)   Concept[9] Congenital anomaly of face bones (disorder)   Concept[10] Defect of skull ossification (disorder)   Concept[11] Congenital anomaly of premaxilla (disorder)   ⦙96::ACTIVE 2008-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93598008 | [Incomplete ossification of presphenoid bone (disorder)]➞(Has definitional manifestation)➞  [Incomplete ossification (finding)] |
| stated: | Root[0]➞[20]  Necessary[20]➞[19]  And[19]➞[4, 10, 18, 6, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Has definitional manifestation➞[7]  Concept[7] Incomplete ossification (finding)   Some[18] role group➞[17]  And[17]➞[12, 14, 16]  Some[12] Associated morphology➞[11]  Concept[11] Congenital anomaly (morphologic abnormality)   Some[14] Finding site➞[13]  Concept[13] Bone structure of cranium (body structure)   Some[16] Finding site➞[15]  Concept[15] Structure of presphenoidal bone (body structure)   Concept[6] Congenital anomaly of presphenoid bone (disorder)   Concept[5] Defect of skull ossification (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[20]  Necessary[20]➞[19]  And[19]➞[4, 10, 18, 6, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Has definitional manifestation➞[7]  Concept[7] Incomplete ossification (finding)   Some[18] role group➞[17]  And[17]➞[12, 14, 16]  Some[12] Associated morphology➞[11]  Concept[11] Congenital anomaly (morphologic abnormality)   Some[14] Finding site➞[13]  Concept[13] Bone structure of cranium (body structure)   Some[16] Finding site➞[15]  Concept[15] Structure of presphenoidal bone (body structure)   Concept[6] Congenital anomaly of presphenoid bone (disorder)   Concept[5] Defect of skull ossification (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93600002 | [Incomplete ossification of radius (disorder)]➞(Has definitional manifestation)➞  [Incomplete ossification (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 9, 15, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Incomplete ossification (finding)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Congenital anomaly (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Bone structure of radius (body structure)   Concept[5] Congenital anomaly of radius (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 9, 15, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Incomplete ossification (finding)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Congenital anomaly (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Bone structure of radius (body structure)   Concept[5] Congenital anomaly of radius (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93601003 | [Incomplete ossification of rib (disorder)]➞(Has definitional manifestation)➞  [Incomplete ossification (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Incomplete ossification (finding)   Concept[5] Congenital anomaly of rib (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[5, 9, 15, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Incomplete ossification (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Congenital (qualifier value)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Bone structure of rib (body structure)   Concept[1] Congenital anomaly of rib (disorder)   ⦙87::ACTIVE 2002-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93602005 | [Incomplete ossification of scapula (disorder)]➞(Has definitional manifestation)➞  [Incomplete ossification (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 9, 15, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Incomplete ossification (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Congenital (qualifier value)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Bone structure of scapula (body structure)   Concept[5] Congenital anomaly of scapula (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 9, 15, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Incomplete ossification (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Congenital (qualifier value)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Bone structure of scapula (body structure)   Concept[5] Congenital anomaly of scapula (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93603000 | [Incomplete ossification of squamosal bone (disorder)]➞(Has definitional manifestation)➞  [Incomplete ossification (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 8, 15, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Incomplete ossification (finding)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Structure of squamous part of temporal bone (body structure)   Concept[9] Congenital anomaly of squamosal bone (disorder)   ⦙37::ACTIVE 2008-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 8, 15, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Incomplete ossification (finding)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Structure of squamous part of temporal bone (body structure)   Concept[9] Congenital anomaly of squamosal bone (disorder)   ⦙96::ACTIVE 2008-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93604006 | [Incomplete ossification of sternebra (disorder)]➞(Has definitional manifestation)➞  [Incomplete ossification (finding)] |
| stated: | Root[0]➞[13]  Necessary[13]➞[12]  And[12]➞[5, 11, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Incomplete ossification (finding)   Some[11] role group➞[10]  And[10]➞[9, 7]  Some[9] Associated morphology➞[8]  Concept[8] Congenital malformation (morphologic abnormality)   Some[7] Finding site➞[6]  Concept[6] Structure of sternebra (body structure)   Concept[1] Congenital anomaly of sternebra (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 8, 15, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Incomplete ossification (finding)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital malformation (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Structure of sternebra (body structure)   Concept[9] Congenital anomaly of sternebra (disorder)   ⦙96::ACTIVE 2008-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93605007 | [Incomplete ossification of supraoccipital bone (disorder)]➞(Has definitional manifestation)➞  [Incomplete ossification (finding)] |
| stated: | Root[0]➞[19]  Necessary[19]➞[18]  And[18]➞[4, 9, 17, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Incomplete ossification (finding)   Some[17] role group➞[16]  And[16]➞[13, 11, 15]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Bone structure of cranium (body structure)   Some[15] Finding site➞[14]  Concept[14] Structure of supraoccipital bone (body structure)   Concept[5] Congenital anomaly of supraoccipital bone (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[20]  Necessary[20]➞[19]  And[19]➞[6, 10, 18, 1, 2]  Some[6] role group➞[5]  And[5]➞[4]  Some[4] Has definitional manifestation➞[3]  Concept[3] Incomplete ossification (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Occurrence➞[7]  Concept[7] Congenital (qualifier value)   Some[18] role group➞[17]  And[17]➞[16, 12, 14]  Some[16] Associated morphology➞[15]  Concept[15] Congenital anomaly (morphologic abnormality)   Some[12] Finding site➞[11]  Concept[11] Bone structure of cranium (body structure)   Some[14] Finding site➞[13]  Concept[13] Structure of supraoccipital bone (body structure)   Concept[1] Congenital anomaly of skull (disorder)   Concept[2] Congenital anomaly of supraoccipital bone (disorder)   ⦙96::ACTIVE 2008-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93606008 | [Incomplete ossification of talus (disorder)]➞(Has definitional manifestation)➞  [Incomplete ossification (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 8, 15, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Incomplete ossification (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Occurrence➞[5]  Concept[5] Congenital (qualifier value)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Congenital anomaly (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Bone structure of talus (body structure)   Concept[9] Congenital anomaly of talus (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 8, 15, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Incomplete ossification (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Occurrence➞[5]  Concept[5] Congenital (qualifier value)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Congenital anomaly (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Bone structure of talus (body structure)   Concept[9] Congenital anomaly of talus (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93607004 | [Incomplete ossification of tarsal bone (disorder)]➞(Has definitional manifestation)➞  [Incomplete ossification (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[5, 9, 15, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Occurrence➞[2]  Concept[2] Congenital (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Incomplete ossification (finding)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Congenital anomaly (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Bone structure of tarsus (body structure)   Concept[1] Congenital anomaly of tarsal bone (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[5, 9, 15, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Occurrence➞[2]  Concept[2] Congenital (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Incomplete ossification (finding)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Congenital anomaly (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Bone structure of tarsus (body structure)   Concept[1] Congenital anomaly of tarsal bone (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93608009 | [Incomplete ossification of tibia (disorder)]➞(Has definitional manifestation)➞  [Incomplete ossification (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 9, 15, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Incomplete ossification (finding)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Bone structure of tibia (body structure)   Concept[5] Congenital anomaly of tibia (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 9, 15, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Incomplete ossification (finding)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Bone structure of tibia (body structure)   Concept[5] Congenital anomaly of tibia (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93609001 | [Incomplete ossification of tympanic anulus (disorder)]➞(Has definitional manifestation)➞  [Incomplete ossification (finding)] |
| stated: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[4, 8, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Incomplete ossification (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Finding site➞[5]  Concept[5] Structure of tympanic anulus (body structure)   Concept[9] Congenital anomaly of ear (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[25]  Necessary[25]➞[24]  And[24]➞[5, 9, 13, 23, 14, 17, 15, 16, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Occurrence➞[2]  Concept[2] Congenital (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Finding site➞[6]  Concept[6] Structure of tympanic anulus (body structure)   Some[13] role group➞[12]  And[12]➞[11]  Some[11] Has definitional manifestation➞[10]  Concept[10] Incomplete ossification (finding)   Some[23] role group➞[22]  And[22]➞[19, 21]  Some[19] Associated morphology➞[18]  Concept[18] Congenital anomaly (morphologic abnormality)   Some[21] Finding site➞[20]  Concept[20] Ear structure (body structure)   Concept[14] Disorder of embryonic structure (disorder)   Concept[17] Disorder of bone (disorder)   Concept[15] Congenital anomaly of ear (disorder)   Concept[16] Congenital connective tissue disorder (disorder)   Concept[1] Disorder of fetal structure (disorder)   ⦙98::ACTIVE 2013-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93610006 | [Incomplete ossification of ulna (disorder)]➞(Has definitional manifestation)➞  [Incomplete ossification (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[5, 9, 15, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Occurrence➞[2]  Concept[2] Congenital (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Incomplete ossification (finding)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Bone structure of ulna (body structure)   Concept[1] Congenital anomaly of ulna (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[5, 9, 15, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Occurrence➞[2]  Concept[2] Congenital (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Incomplete ossification (finding)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Bone structure of ulna (body structure)   Concept[1] Congenital anomaly of ulna (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93611005 | [Incomplete ossification of vomer (disorder)]➞(Has definitional manifestation)➞  [Incomplete ossification (finding)] |
| stated: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[5, 9, 16, 1, 10]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Occurrence➞[2]  Concept[2] Congenital (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Incomplete ossification (finding)   Some[16] role group➞[15]  And[15]➞[14, 12]  Some[14] Associated morphology➞[13]  Concept[13] Congenital anomaly (morphologic abnormality)   Some[12] Finding site➞[11]  Concept[11] Vomer bone structure (body structure)   Concept[1] Defect of skull ossification (disorder)   Concept[10] Congenital anomaly of vomer (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[24]  Necessary[24]➞[23]  And[23]➞[4, 8, 16, 22, 9, 10]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Incomplete ossification (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Occurrence➞[5]  Concept[5] Congenital (qualifier value)   Some[16] role group➞[15]  And[15]➞[14, 12]  Some[14] Associated morphology➞[13]  Concept[13] Congenital anomaly (morphologic abnormality)   Some[12] Finding site➞[11]  Concept[11] Bone structure of cranium (body structure)   Some[22] role group➞[21]  And[21]➞[18, 20]  Some[18] Associated morphology➞[17]  Concept[17] Congenital anomaly (morphologic abnormality)   Some[20] Finding site➞[19]  Concept[19] Vomer bone structure (body structure)   Concept[9] Defect of skull ossification (disorder)   Concept[10] Congenital anomaly of vomer (disorder)   ⦙89::ACTIVE 2009-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93612003 | [Incomplete ossification of zygomatic bone (disorder)]➞(Has definitional manifestation)➞  [Incomplete ossification (finding)] |
| stated: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[5, 10, 16, 1, 6]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Incomplete ossification (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Occurrence➞[7]  Concept[7] Congenital (qualifier value)   Some[16] role group➞[15]  And[15]➞[12, 14]  Some[12] Associated morphology➞[11]  Concept[11] Congenital anomaly (morphologic abnormality)   Some[14] Finding site➞[13]  Concept[13] Zygomatic bone structure (body structure)   Concept[1] Congenital anomaly of zygomatic bone (disorder)   Concept[6] Defect of skull ossification (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[5, 10, 16, 1, 6]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Incomplete ossification (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Occurrence➞[7]  Concept[7] Congenital (qualifier value)   Some[16] role group➞[15]  And[15]➞[12, 14]  Some[12] Associated morphology➞[11]  Concept[11] Congenital anomaly (morphologic abnormality)   Some[14] Finding site➞[13]  Concept[13] Zygomatic bone structure (body structure)   Concept[1] Congenital anomaly of zygomatic bone (disorder)   Concept[6] Defect of skull ossification (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 16728003 | [Inherited spastic paresis (disorder)]➞(Has definitional manifestation)➞  [Muscle weakness (finding)] |
| stated: | Root[0]➞[8]  Necessary[8]➞[7]  And[7]➞[4, 5, 6]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Muscle weakness (finding)   Concept[5] Hereditary degenerative disease of central nervous system (disorder)   Concept[6] Paralytic syndrome (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[14]  Necessary[14]➞[13]  And[13]➞[5, 12, 6, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Muscle weakness (finding)   Some[12] role group➞[11]  And[11]➞[10, 8]  Some[10] Associated morphology➞[9]  Concept[9] Degeneration (morphologic abnormality)   Some[8] Finding site➞[7]  Concept[7] Structure of central nervous system (body structure)   Concept[6] Hereditary degenerative disease of central nervous system (disorder)   Concept[1] Paralytic syndrome (disorder)   ⦙87::ACTIVE 2002-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 63491006 | [Intermittent claudication (disorder)]➞(Has definitional manifestation)➞  [Claudication (finding)] |
| stated: | Root[0]➞[15]  Necessary[15]➞[14]  And[14]➞[4, 8, 13, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Claudication (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Clinical course➞[5]  Concept[5] Intermittent (qualifier value)   Some[13] role group➞[12]  And[12]➞[11]  Some[11] Finding site➞[10]  Concept[10] Structure of artery of lower extremity (body structure)   Concept[9] Peripheral arterial occlusive disease (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[6, 10, 15, 2, 11, 1, 16]  Some[6] role group➞[5]  And[5]➞[4]  Some[4] Finding site➞[3]  Concept[3] Structure of artery of lower extremity (body structure)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Has definitional manifestation➞[7]  Concept[7] Claudication (finding)   Some[15] role group➞[14]  And[14]➞[13]  Some[13] Clinical course➞[12]  Concept[12] Intermittent (qualifier value)   Concept[2] Peripheral arterial occlusive disease (disorder)   Concept[11] Disorder characterized by pain (disorder)   Concept[1] Vascular disorder of lower extremity (disorder)   Concept[16] Chronic disease of cardiovascular system (disorder)   ⦙111::ACTIVE 2013-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 440630006 | [Irritable bowel syndrome characterized by constipation (disorder)]➞(Has definitional manifestation)➞  [Constipation (disorder)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Constipation (disorder)   Concept[1] Irritable bowel syndrome (disorder)   ⦙18::ACTIVE 2009-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[4, 9, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Constipation (disorder)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Finding site➞[6]  Concept[6] Intestinal structure (body structure)   Concept[5] Irritable bowel syndrome (disorder)   ⦙109::ACTIVE 2012-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 235840008 | [Irritable bowel syndrome variant of childhood with constipation (disorder)]➞(Has definitional manifestation)➞  [Constipation (disorder)] |
| stated: | Root[0]➞[15]  Necessary[15]➞[14]  And[14]➞[4, 8, 12, 13]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Finding site➞[1]  Concept[1] Colon structure (body structure)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Occurrence➞[5]  Concept[5] Childhood (qualifier value)   Some[12] role group➞[11]  And[11]➞[10]  Some[10] Has definitional manifestation➞[9]  Concept[9] Constipation (disorder)   Concept[13] Irritable bowel syndrome variant of childhood (disorder)   ⦙18::ACTIVE 2009-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[15]  Necessary[15]➞[14]  And[14]➞[5, 9, 13, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Finding site➞[2]  Concept[2] Colon structure (body structure)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Childhood (qualifier value)   Some[13] role group➞[12]  And[12]➞[11]  Some[11] Has definitional manifestation➞[10]  Concept[10] Constipation (disorder)   Concept[1] Irritable bowel syndrome variant of childhood (disorder)   ⦙92::ACTIVE 2009-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 45248009 | [Isosexual virilization (disorder)]➞(Has definitional manifestation)➞  [Virilization (finding)] |
| stated: | Root[0]➞[8]  Necessary[8]➞[7]  And[7]➞[5, 1, 6]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Virilization (finding)   Concept[1] Endocrine andrology disorder (disorder)   Concept[6] Disorder of endocrine ovary (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[12]  Necessary[12]➞[11]  And[11]➞[5, 9, 1, 10]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Virilization (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Finding site➞[6]  Concept[6] Ovarian endocrine structure (body structure)   Concept[1] Endocrine andrology disorder (disorder)   Concept[10] Disorder of endocrine ovary (disorder)   ⦙79::ACTIVE 2007-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 414553000 | [Kappa light chain myeloma (disorder)]➞(Has definitional manifestation)➞  [Monoclonal free kappa light chain present (finding)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Monoclonal free kappa light chain present (finding)   Concept[5] Light chain myeloma (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Sufficient[11]➞[10]  And[10]➞[4, 9, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Associated morphology➞[1]  Concept[1] Plasma cell myeloma - category (morphologic abnormality)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Monoclonal free kappa light chain present (finding)   Concept[5] Light chain myeloma (disorder)   ⦙92::ACTIVE 2009-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93617009 | [Lack of ossification of alisphenoid bone (disorder)]➞(Has definitional manifestation)➞  [Lack of bone formation (finding)] |
| stated: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[6, 10, 16, 2, 1]  Some[6] role group➞[5]  And[5]➞[4]  Some[4] Has definitional manifestation➞[3]  Concept[3] Lack of bone formation (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Occurrence➞[7]  Concept[7] Congenital (qualifier value)   Some[16] role group➞[15]  And[15]➞[12, 14]  Some[12] Associated morphology➞[11]  Concept[11] Congenital anomaly (morphologic abnormality)   Some[14] Finding site➞[13]  Concept[13] Structure of greater wing of sphenoid bone (body structure)   Concept[2] Congenital anomaly of alisphenoid bone (disorder)   Concept[1] Defect of skull ossification (disorder)   ⦙37::ACTIVE 2008-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[6, 10, 16, 2, 1]  Some[6] role group➞[5]  And[5]➞[4]  Some[4] Has definitional manifestation➞[3]  Concept[3] Lack of bone formation (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Occurrence➞[7]  Concept[7] Congenital (qualifier value)   Some[16] role group➞[15]  And[15]➞[12, 14]  Some[12] Associated morphology➞[11]  Concept[11] Congenital anomaly (morphologic abnormality)   Some[14] Finding site➞[13]  Concept[13] Structure of greater wing of sphenoid bone (body structure)   Concept[2] Congenital anomaly of alisphenoid bone (disorder)   Concept[1] Defect of skull ossification (disorder)   ⦙96::ACTIVE 2008-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93619007 | [Lack of ossification of arch of cervical vertebra (disorder)]➞(Has definitional manifestation)➞  [Lack of bone formation (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[5, 9, 15, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Lack of bone formation (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Congenital (qualifier value)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Structure of arch of cervical vertebra (body structure)   Concept[1] Congenital anomaly of cervical vertebra (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[5, 9, 15, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Lack of bone formation (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Congenital (qualifier value)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Structure of arch of cervical vertebra (body structure)   Concept[1] Congenital anomaly of cervical vertebra (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93620001 | [Lack of ossification of arch of lumbar vertebra (disorder)]➞(Has definitional manifestation)➞  [Lack of bone formation (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 9, 15, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Lack of bone formation (finding)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Congenital anomaly (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Structure of arch of lumbar vertebra (body structure)   Concept[5] Congenital anomaly of lumbar vertebra (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 9, 15, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Lack of bone formation (finding)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Congenital anomaly (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Structure of arch of lumbar vertebra (body structure)   Concept[5] Congenital anomaly of lumbar vertebra (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93621002 | [Lack of ossification of arch of sacral vertebra (disorder)]➞(Has definitional manifestation)➞  [Lack of bone formation (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 8, 15, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Lack of bone formation (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Occurrence➞[5]  Concept[5] Congenital (qualifier value)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Congenital anomaly (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Structure of arch of sacral vertebra (body structure)   Concept[9] Congenital anomaly of sacral vertebra (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 8, 15, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Lack of bone formation (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Occurrence➞[5]  Concept[5] Congenital (qualifier value)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Congenital anomaly (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Structure of arch of sacral vertebra (body structure)   Concept[9] Congenital anomaly of sacral vertebra (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93622009 | [Lack of ossification of arch of thoracic vertebra (disorder)]➞(Has definitional manifestation)➞  [Lack of bone formation (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[5, 9, 15, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Occurrence➞[2]  Concept[2] Congenital (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Lack of bone formation (finding)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Congenital anomaly (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Structure of arch of thoracic vertebra (body structure)   Concept[1] Congenital anomaly of thoracic vertebra (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[5, 9, 15, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Occurrence➞[2]  Concept[2] Congenital (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Lack of bone formation (finding)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Congenital anomaly (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Structure of arch of thoracic vertebra (body structure)   Concept[1] Congenital anomaly of thoracic vertebra (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93624005 | [Lack of ossification of basioccipital bone (disorder)]➞(Has definitional manifestation)➞  [Lack of bone formation (finding)] |
| stated: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[5, 10, 16, 1, 6]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Lack of bone formation (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Occurrence➞[7]  Concept[7] Congenital (qualifier value)   Some[16] role group➞[15]  And[15]➞[14, 12]  Some[14] Associated morphology➞[13]  Concept[13] Congenital anomaly (morphologic abnormality)   Some[12] Finding site➞[11]  Concept[11] Structure of basilar part of occipital bone (body structure)   Concept[1] Congenital anomaly of basioccipital bone (disorder)   Concept[6] Defect of skull ossification (disorder)   ⦙37::ACTIVE 2008-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[5, 10, 16, 1, 6]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Lack of bone formation (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Occurrence➞[7]  Concept[7] Congenital (qualifier value)   Some[16] role group➞[15]  And[15]➞[14, 12]  Some[14] Associated morphology➞[13]  Concept[13] Congenital anomaly (morphologic abnormality)   Some[12] Finding site➞[11]  Concept[11] Structure of basilar part of occipital bone (body structure)   Concept[1] Congenital anomaly of basioccipital bone (disorder)   Concept[6] Defect of skull ossification (disorder)   ⦙96::ACTIVE 2008-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93625006 | [Lack of ossification of basisphenoid bone (disorder)]➞(Has definitional manifestation)➞  [Lack of bone formation (finding)] |
| stated: | Root[0]➞[20]  Necessary[20]➞[19]  And[19]➞[5, 10, 18, 6, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Lack of bone formation (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Occurrence➞[7]  Concept[7] Congenital (qualifier value)   Some[18] role group➞[17]  And[17]➞[12, 14, 16]  Some[12] Associated morphology➞[11]  Concept[11] Congenital anomaly (morphologic abnormality)   Some[14] Finding site➞[13]  Concept[13] Structure of basisphenoid bone (body structure)   Some[16] Finding site➞[15]  Concept[15] Bone structure of cranium (body structure)   Concept[6] Congenital anomaly of basisphenoid bone (disorder)   Concept[1] Defect of skull ossification (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[20]  Necessary[20]➞[19]  And[19]➞[5, 10, 18, 6, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Lack of bone formation (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Occurrence➞[7]  Concept[7] Congenital (qualifier value)   Some[18] role group➞[17]  And[17]➞[12, 14, 16]  Some[12] Associated morphology➞[11]  Concept[11] Congenital anomaly (morphologic abnormality)   Some[14] Finding site➞[13]  Concept[13] Structure of basisphenoid bone (body structure)   Some[16] Finding site➞[15]  Concept[15] Bone structure of cranium (body structure)   Concept[6] Congenital anomaly of basisphenoid bone (disorder)   Concept[1] Defect of skull ossification (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93626007 | [Lack of ossification of calcaneus (disorder)]➞(Has definitional manifestation)➞  [Lack of bone formation (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 9, 15, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Lack of bone formation (finding)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Congenital anomaly (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Bone structure of calcaneum (body structure)   Concept[5] Congenital anomaly of calcaneus (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 9, 15, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Lack of bone formation (finding)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Congenital anomaly (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Bone structure of calcaneum (body structure)   Concept[5] Congenital anomaly of calcaneus (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93627003 | [Lack of ossification of carpal bone (disorder)]➞(Has definitional manifestation)➞  [Lack of bone formation (finding)] |
| stated: | Root[0]➞[20]  Necessary[20]➞[19]  And[19]➞[4, 8, 18, 9, 10]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Lack of bone formation (finding)   Some[18] role group➞[17]  And[17]➞[14, 12, 16]  Some[14] Associated morphology➞[13]  Concept[13] Congenital anomaly (morphologic abnormality)   Some[12] Finding site➞[11]  Concept[11] Bone structure of carpus (body structure)   Some[16] Finding site➞[15]  Concept[15] Hand structure (body structure)   Concept[9] Congenital anomaly of the hand (disorder)   Concept[10] Congenital anomaly of carpal bone (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[20]  Necessary[20]➞[19]  And[19]➞[4, 8, 18, 9, 10]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Lack of bone formation (finding)   Some[18] role group➞[17]  And[17]➞[14, 12, 16]  Some[14] Associated morphology➞[13]  Concept[13] Congenital anomaly (morphologic abnormality)   Some[12] Finding site➞[11]  Concept[11] Bone structure of carpus (body structure)   Some[16] Finding site➞[15]  Concept[15] Hand structure (body structure)   Concept[9] Congenital anomaly of the hand (disorder)   Concept[10] Congenital anomaly of carpal bone (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93629000 | [Lack of ossification of centrum of cervical vertebra (disorder)]➞(Has definitional manifestation)➞  [Lack of bone formation (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[5, 9, 15, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Lack of bone formation (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Congenital (qualifier value)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Structure of centrum of cervical vertebra (body structure)   Concept[1] Congenital anomaly of cervical vertebra (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[6, 10, 16, 1, 2]  Some[6] role group➞[5]  And[5]➞[4]  Some[4] Has definitional manifestation➞[3]  Concept[3] Lack of bone formation (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Occurrence➞[7]  Concept[7] Congenital (qualifier value)   Some[16] role group➞[15]  And[15]➞[14, 12]  Some[14] Associated morphology➞[13]  Concept[13] Congenital anomaly (morphologic abnormality)   Some[12] Finding site➞[11]  Concept[11] Structure of centrum of cervical vertebra (body structure)   Concept[1] Disorder of embryonic structure (disorder)   Concept[2] Congenital anomaly of cervical vertebra (disorder)   ⦙98::ACTIVE 2013-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93630005 | [Lack of ossification of centrum of lumbar vertebra (disorder)]➞(Has definitional manifestation)➞  [Lack of bone formation (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 8, 15, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Lack of bone formation (finding)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Structure of centrum of lumbar vertebra (body structure)   Concept[9] Congenital anomaly of lumbar vertebra (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[4, 9, 16, 10, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Lack of bone formation (finding)   Some[16] role group➞[15]  And[15]➞[12, 14]  Some[12] Associated morphology➞[11]  Concept[11] Congenital anomaly (morphologic abnormality)   Some[14] Finding site➞[13]  Concept[13] Structure of centrum of lumbar vertebra (body structure)   Concept[10] Congenital anomaly of lumbar vertebra (disorder)   Concept[5] Disorder of embryonic structure (disorder)   ⦙98::ACTIVE 2013-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93631009 | [Lack of ossification of centrum of sacral vertebra (disorder)]➞(Has definitional manifestation)➞  [Lack of bone formation (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 9, 15, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Lack of bone formation (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Congenital (qualifier value)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Structure of centrum of sacral vertebra (body structure)   Concept[5] Congenital anomaly of sacral vertebra (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[5, 10, 16, 1, 6]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Lack of bone formation (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Occurrence➞[7]  Concept[7] Congenital (qualifier value)   Some[16] role group➞[15]  And[15]➞[12, 14]  Some[12] Associated morphology➞[11]  Concept[11] Congenital anomaly (morphologic abnormality)   Some[14] Finding site➞[13]  Concept[13] Structure of centrum of sacral vertebra (body structure)   Concept[1] Disorder of embryonic structure (disorder)   Concept[6] Congenital anomaly of sacral vertebra (disorder)   ⦙98::ACTIVE 2013-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93632002 | [Lack of ossification of centrum of thoracic vertebra (disorder)]➞(Has definitional manifestation)➞  [Lack of bone formation (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Lack of bone formation (finding)   Concept[5] Congenital abnormal shape of centrum of thoracic vertebra (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 9, 15, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Lack of bone formation (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Congenital (qualifier value)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital abnormal shape (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Structure of centrum of thoracic vertebra (body structure)   Concept[5] Congenital abnormal shape of centrum of thoracic vertebra (disorder)   ⦙87::ACTIVE 2002-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93633007 | [Lack of ossification of clavicle (disorder)]➞(Has definitional manifestation)➞  [Lack of bone formation (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Lack of bone formation (finding)   Concept[1] Congenital deformity of clavicle (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[23]  Necessary[23]➞[22]  And[22]➞[4, 8, 15, 21, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Lack of bone formation (finding)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Congenital anomaly (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Upper limb structure (body structure)   Some[21] role group➞[20]  And[20]➞[19, 17]  Some[19] Associated morphology➞[18]  Concept[18] Congenital deformity (morphologic abnormality)   Some[17] Finding site➞[16]  Concept[16] Bone structure of clavicle (body structure)   Concept[9] Congenital deformity of clavicle (disorder)   ⦙105::ACTIVE 2014-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93634001 | [Lack of ossification of exoccipital bone (disorder)]➞(Has definitional manifestation)➞  [Lack of bone formation (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 9, 15, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Lack of bone formation (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Congenital (qualifier value)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Structure of lateral part of occipital bone (body structure)   Concept[5] Congenital anomaly of exoccipital bone (disorder)   ⦙37::ACTIVE 2008-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 9, 15, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Lack of bone formation (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Congenital (qualifier value)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Structure of lateral part of occipital bone (body structure)   Concept[5] Congenital anomaly of exoccipital bone (disorder)   ⦙96::ACTIVE 2008-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93635000 | [Lack of ossification of femur (disorder)]➞(Has definitional manifestation)➞  [Lack of bone formation (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 8, 15, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Lack of bone formation (finding)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Congenital anomaly (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Bone structure of femur (body structure)   Concept[9] Congenital anomaly of femur (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 8, 15, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Lack of bone formation (finding)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Congenital anomaly (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Bone structure of femur (body structure)   Concept[9] Congenital anomaly of femur (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93096002 | [Lack of ossification of fibula (disorder)]➞(Has definitional manifestation)➞  [Lack of bone formation (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 8, 15, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Lack of bone formation (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Occurrence➞[5]  Concept[5] Congenital (qualifier value)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Bone structure of fibula (body structure)   Concept[9] Congenital anomaly of fibula (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 8, 15, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Lack of bone formation (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Occurrence➞[5]  Concept[5] Congenital (qualifier value)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Bone structure of fibula (body structure)   Concept[9] Congenital anomaly of fibula (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93098001 | [Lack of ossification of frontal bone (disorder)]➞(Has definitional manifestation)➞  [Lack of bone formation (finding)] |
| stated: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[4, 8, 16, 9, 10]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Lack of bone formation (finding)   Some[16] role group➞[15]  And[15]➞[12, 14]  Some[12] Associated morphology➞[11]  Concept[11] Congenital anomaly (morphologic abnormality)   Some[14] Finding site➞[13]  Concept[13] Frontal bone structure (body structure)   Concept[9] Congenital anomaly of frontal bone (disorder)   Concept[10] Defect of skull ossification (disorder)   ⦙37::ACTIVE 2008-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[4, 8, 16, 9, 10]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Lack of bone formation (finding)   Some[16] role group➞[15]  And[15]➞[12, 14]  Some[12] Associated morphology➞[11]  Concept[11] Congenital anomaly (morphologic abnormality)   Some[14] Finding site➞[13]  Concept[13] Frontal bone structure (body structure)   Concept[9] Congenital anomaly of frontal bone (disorder)   Concept[10] Defect of skull ossification (disorder)   ⦙96::ACTIVE 2008-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93100001 | [Lack of ossification of humerus (disorder)]➞(Has definitional manifestation)➞  [Lack of bone formation (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 9, 15, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Lack of bone formation (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Congenital (qualifier value)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Bone structure of humerus (body structure)   Concept[5] Congenital anomaly of humerus (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 9, 15, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Lack of bone formation (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Congenital (qualifier value)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Bone structure of humerus (body structure)   Concept[5] Congenital anomaly of humerus (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93101002 | [Lack of ossification of hyoid bone (disorder)]➞(Has definitional manifestation)➞  [Lack of bone formation (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 9, 15, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Lack of bone formation (finding)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Hyoid bone structure (body structure)   Concept[5] Congenital anomaly of hyoid bone (disorder)   ⦙37::ACTIVE 2008-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 9, 15, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Lack of bone formation (finding)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Hyoid bone structure (body structure)   Concept[5] Congenital anomaly of hyoid bone (disorder)   ⦙96::ACTIVE 2008-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93102009 | [Lack of ossification of ilium (disorder)]➞(Has definitional manifestation)➞  [Lack of bone formation (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[5, 9, 15, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Lack of bone formation (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Congenital (qualifier value)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Congenital anomaly (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Bone structure of ilium (body structure)   Concept[1] Congenital anomaly of ilium (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[5, 9, 15, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Lack of bone formation (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Congenital (qualifier value)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Congenital anomaly (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Bone structure of ilium (body structure)   Concept[1] Congenital anomaly of ilium (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93103004 | [Lack of ossification of interparietal bone (disorder)]➞(Has definitional manifestation)➞  [Lack of bone formation (finding)] |
| stated: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[4, 8, 16, 9, 10]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Lack of bone formation (finding)   Some[16] role group➞[15]  And[15]➞[12, 14]  Some[12] Associated morphology➞[11]  Concept[11] Congenital anomaly (morphologic abnormality)   Some[14] Finding site➞[13]  Concept[13] Structure of interparietal bone (body structure)   Concept[9] Congenital anomaly of interparietal bone (disorder)   Concept[10] Defect of skull ossification (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[4, 8, 16, 9, 10]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Lack of bone formation (finding)   Some[16] role group➞[15]  And[15]➞[12, 14]  Some[12] Associated morphology➞[11]  Concept[11] Congenital anomaly (morphologic abnormality)   Some[14] Finding site➞[13]  Concept[13] Structure of interparietal bone (body structure)   Concept[9] Congenital anomaly of interparietal bone (disorder)   Concept[10] Defect of skull ossification (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93104005 | [Lack of ossification of ischium (disorder)]➞(Has definitional manifestation)➞  [Lack of bone formation (finding)] |
| stated: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[4, 9, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Finding site➞[1]  Concept[1] Bone structure of ischium (body structure)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Lack of bone formation (finding)   Concept[5] Disorder of pelvic region of trunk (disorder)   ⦙31::ACTIVE 2013-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[15]  Necessary[15]➞[14]  And[14]➞[9, 13, 2, 3, 4, 5, 1]  Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Lack of bone formation (finding)   Some[13] role group➞[12]  And[12]➞[11]  Some[11] Finding site➞[10]  Concept[10] Bone structure of ischium (body structure)   Concept[2] Disorder of pelvis (disorder)   Concept[3] Disorder of bone (disorder)   Concept[4] Finding of bone of pelvis (finding)   Concept[5] Disorder of pelvic girdle (disorder)   Concept[1] Disorder of body wall (disorder)   ⦙105::ACTIVE 2014-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93105006 | [Lack of ossification of lacrimal bone (disorder)]➞(Has definitional manifestation)➞  [Lack of bone formation (finding)] |
| stated: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[4, 8, 16, 9, 10]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Lack of bone formation (finding)   Some[16] role group➞[15]  And[15]➞[12, 14]  Some[12] Associated morphology➞[11]  Concept[11] Congenital anomaly (morphologic abnormality)   Some[14] Finding site➞[13]  Concept[13] Lacrimal bone structure (body structure)   Concept[9] Congenital anomaly of lacrimal bone (disorder)   Concept[10] Defect of skull ossification (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[28]  Necessary[28]➞[27]  And[27]➞[4, 8, 12, 20, 26, 13, 14]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Lack of bone formation (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Finding site➞[5]  Concept[5] Bone structure of face (body structure)   Some[12] role group➞[11]  And[11]➞[10]  Some[10] Occurrence➞[9]  Concept[9] Congenital (qualifier value)   Some[20] role group➞[19]  And[19]➞[18, 16]  Some[18] Associated morphology➞[17]  Concept[17] Congenital anomaly (morphologic abnormality)   Some[16] Finding site➞[15]  Concept[15] Bone structure of cranium (body structure)   Some[26] role group➞[25]  And[25]➞[24, 22]  Some[24] Associated morphology➞[23]  Concept[23] Congenital anomaly (morphologic abnormality)   Some[22] Finding site➞[21]  Concept[21] Lacrimal bone structure (body structure)   Concept[13] Congenital anomaly of lacrimal bone (disorder)   Concept[14] Defect of skull ossification (disorder)   ⦙96::ACTIVE 2008-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93106007 | [Lack of ossification of mandible (disorder)]➞(Has definitional manifestation)➞  [Lack of bone formation (finding)] |
| stated: | Root[0]➞[8]  Necessary[8]➞[7]  And[7]➞[5, 1, 6]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Lack of bone formation (finding)   Concept[1] Defect of skull ossification (disorder)   Concept[6] Congenital anomaly of mandible (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[24]  Necessary[24]➞[23]  And[23]➞[4, 10, 16, 22, 5, 6]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Lack of bone formation (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Occurrence➞[7]  Concept[7] Congenital (qualifier value)   Some[16] role group➞[15]  And[15]➞[14, 12]  Some[14] Associated morphology➞[13]  Concept[13] Congenital anomaly (morphologic abnormality)   Some[12] Finding site➞[11]  Concept[11] Bone structure of cranium (body structure)   Some[22] role group➞[21]  And[21]➞[20, 18]  Some[20] Associated morphology➞[19]  Concept[19] Congenital anomaly (morphologic abnormality)   Some[18] Finding site➞[17]  Concept[17] Bone structure of mandible (body structure)   Concept[5] Defect of skull ossification (disorder)   Concept[6] Congenital anomaly of mandible (disorder)   ⦙68::ACTIVE 2004-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93107003 | [Lack of ossification of maxilla (disorder)]➞(Has definitional manifestation)➞  [Lack of bone formation (finding)] |
| stated: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[5, 10, 16, 1, 6]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Lack of bone formation (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Occurrence➞[7]  Concept[7] Congenital (qualifier value)   Some[16] role group➞[15]  And[15]➞[14, 12]  Some[14] Associated morphology➞[13]  Concept[13] Congenital anomaly (morphologic abnormality)   Some[12] Finding site➞[11]  Concept[11] Bone structure of maxilla (body structure)   Concept[1] Defect of skull ossification (disorder)   Concept[6] Congenital anomaly of maxilla (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[5, 10, 16, 1, 6]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Lack of bone formation (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Occurrence➞[7]  Concept[7] Congenital (qualifier value)   Some[16] role group➞[15]  And[15]➞[14, 12]  Some[14] Associated morphology➞[13]  Concept[13] Congenital anomaly (morphologic abnormality)   Some[12] Finding site➞[11]  Concept[11] Bone structure of maxilla (body structure)   Concept[1] Defect of skull ossification (disorder)   Concept[6] Congenital anomaly of maxilla (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93108008 | [Lack of ossification of metacarpal bone (disorder)]➞(Has definitional manifestation)➞  [Lack of bone formation (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 8, 15, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Lack of bone formation (finding)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Congenital anomaly (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Bone structure of metacarpal (body structure)   Concept[9] Congenital anomaly of metacarpal bone (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 8, 15, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Lack of bone formation (finding)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Congenital anomaly (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Bone structure of metacarpal (body structure)   Concept[9] Congenital anomaly of metacarpal bone (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93109000 | [Lack of ossification of metatarsal bone (disorder)]➞(Has definitional manifestation)➞  [Lack of bone formation (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 9, 15, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Lack of bone formation (finding)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Congenital anomaly (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Metatarsal bone structure (body structure)   Concept[5] Congenital anomaly of metatarsal bone (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 9, 15, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Lack of bone formation (finding)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Congenital anomaly (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Metatarsal bone structure (body structure)   Concept[5] Congenital anomaly of metatarsal bone (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93110005 | [Lack of ossification of nasal bone (disorder)]➞(Has definitional manifestation)➞  [Lack of bone formation (finding)] |
| stated: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[4, 8, 16, 10, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Lack of bone formation (finding)   Some[16] role group➞[15]  And[15]➞[14, 12]  Some[14] Associated morphology➞[13]  Concept[13] Congenital anomaly (morphologic abnormality)   Some[12] Finding site➞[11]  Concept[11] Nasal bone structure (body structure)   Concept[10] Defect of skull ossification (disorder)   Concept[9] Congenital anomaly of nasal bone (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[4, 8, 16, 10, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Lack of bone formation (finding)   Some[16] role group➞[15]  And[15]➞[14, 12]  Some[14] Associated morphology➞[13]  Concept[13] Congenital anomaly (morphologic abnormality)   Some[12] Finding site➞[11]  Concept[11] Nasal bone structure (body structure)   Concept[10] Defect of skull ossification (disorder)   Concept[9] Congenital anomaly of nasal bone (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93111009 | [Lack of ossification of palatine bone (disorder)]➞(Has definitional manifestation)➞  [Lack of bone formation (finding)] |
| stated: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[5, 9, 16, 1, 10]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Lack of bone formation (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Congenital (qualifier value)   Some[16] role group➞[15]  And[15]➞[12, 14]  Some[12] Associated morphology➞[11]  Concept[11] Congenital anomaly (morphologic abnormality)   Some[14] Finding site➞[13]  Concept[13] Palatine bone structure (body structure)   Concept[1] Congenital anomaly of palatine bone (disorder)   Concept[10] Defect of skull ossification (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[5, 9, 16, 1, 10]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Lack of bone formation (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Congenital (qualifier value)   Some[16] role group➞[15]  And[15]➞[12, 14]  Some[12] Associated morphology➞[11]  Concept[11] Congenital anomaly (morphologic abnormality)   Some[14] Finding site➞[13]  Concept[13] Palatine bone structure (body structure)   Concept[1] Congenital anomaly of palatine bone (disorder)   Concept[10] Defect of skull ossification (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93112002 | [Lack of ossification of parietal bone (disorder)]➞(Has definitional manifestation)➞  [Lack of bone formation (finding)] |
| stated: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[4, 8, 16, 10, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Lack of bone formation (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Occurrence➞[5]  Concept[5] Congenital (qualifier value)   Some[16] role group➞[15]  And[15]➞[12, 14]  Some[12] Associated morphology➞[11]  Concept[11] Congenital anomaly (morphologic abnormality)   Some[14] Finding site➞[13]  Concept[13] Parietal bone structure (body structure)   Concept[10] Congenital anomaly of parietal bone (disorder)   Concept[9] Defect of skull ossification (disorder)   ⦙37::ACTIVE 2008-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[4, 8, 16, 10, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Lack of bone formation (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Occurrence➞[5]  Concept[5] Congenital (qualifier value)   Some[16] role group➞[15]  And[15]➞[12, 14]  Some[12] Associated morphology➞[11]  Concept[11] Congenital anomaly (morphologic abnormality)   Some[14] Finding site➞[13]  Concept[13] Parietal bone structure (body structure)   Concept[10] Congenital anomaly of parietal bone (disorder)   Concept[9] Defect of skull ossification (disorder)   ⦙96::ACTIVE 2008-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93113007 | [Lack of ossification of premaxilla (disorder)]➞(Has definitional manifestation)➞  [Lack of bone formation (finding)] |
| stated: | Root[0]➞[20]  Necessary[20]➞[19]  And[19]➞[5, 10, 18, 1, 6]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Occurrence➞[2]  Concept[2] Congenital (qualifier value)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Has definitional manifestation➞[7]  Concept[7] Lack of bone formation (finding)   Some[18] role group➞[17]  And[17]➞[14, 12, 16]  Some[14] Associated morphology➞[13]  Concept[13] Congenital anomaly (morphologic abnormality)   Some[12] Finding site➞[11]  Concept[11] Bone structure of face (body structure)   Some[16] Finding site➞[15]  Concept[15] Structure of premaxillary bone (body structure)   Concept[1] Defect of skull ossification (disorder)   Concept[6] Congenital anomaly of premaxilla (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[27]  Necessary[27]➞[26]  And[26]➞[6, 10, 17, 25, 1, 2, 11]  Some[6] role group➞[5]  And[5]➞[4]  Some[4] Has definitional manifestation➞[3]  Concept[3] Lack of bone formation (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Occurrence➞[7]  Concept[7] Congenital (qualifier value)   Some[17] role group➞[16]  And[16]➞[15, 13]  Some[15] Associated morphology➞[14]  Concept[14] Congenital anomaly (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Bone structure of cranium (body structure)   Some[25] role group➞[24]  And[24]➞[23, 19, 21]  Some[23] Associated morphology➞[22]  Concept[22] Congenital anomaly (morphologic abnormality)   Some[19] Finding site➞[18]  Concept[18] Bone structure of face (body structure)   Some[21] Finding site➞[20]  Concept[20] Structure of premaxillary bone (body structure)   Concept[1] Congenital anomaly of face bones (disorder)   Concept[2] Defect of skull ossification (disorder)   Concept[11] Congenital anomaly of premaxilla (disorder)   ⦙96::ACTIVE 2008-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93114001 | [Lack of ossification of presphenoid bone (disorder)]➞(Has definitional manifestation)➞  [Lack of bone formation (finding)] |
| stated: | Root[0]➞[20]  Necessary[20]➞[19]  And[19]➞[5, 9, 18, 10, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Lack of bone formation (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Congenital (qualifier value)   Some[18] role group➞[17]  And[17]➞[12, 14, 16]  Some[12] Associated morphology➞[11]  Concept[11] Congenital anomaly (morphologic abnormality)   Some[14] Finding site➞[13]  Concept[13] Structure of presphenoidal bone (body structure)   Some[16] Finding site➞[15]  Concept[15] Bone structure of cranium (body structure)   Concept[10] Congenital anomaly of presphenoid bone (disorder)   Concept[1] Defect of skull ossification (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[20]  Necessary[20]➞[19]  And[19]➞[5, 9, 18, 10, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Lack of bone formation (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Congenital (qualifier value)   Some[18] role group➞[17]  And[17]➞[12, 14, 16]  Some[12] Associated morphology➞[11]  Concept[11] Congenital anomaly (morphologic abnormality)   Some[14] Finding site➞[13]  Concept[13] Structure of presphenoidal bone (body structure)   Some[16] Finding site➞[15]  Concept[15] Bone structure of cranium (body structure)   Concept[10] Congenital anomaly of presphenoid bone (disorder)   Concept[1] Defect of skull ossification (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93115000 | [Lack of ossification of pubis (disorder)]➞(Has definitional manifestation)➞  [Lack of bone formation (finding)] |
| stated: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[4, 9, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Finding site➞[1]  Concept[1] Bone structure of pubis (body structure)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Lack of bone formation (finding)   Concept[5] Disorder of pelvic region of trunk (disorder)   ⦙31::ACTIVE 2013-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[15]  Necessary[15]➞[14]  And[14]➞[8, 12, 1, 2, 13, 4, 3]  Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Lack of bone formation (finding)   Some[12] role group➞[11]  And[11]➞[10]  Some[10] Finding site➞[9]  Concept[9] Bone structure of pubis (body structure)   Concept[1] Disorder of pelvis (disorder)   Concept[2] Disorder of bone (disorder)   Concept[13] Finding of bone of pelvis (finding)   Concept[4] Disorder of pelvic girdle (disorder)   Concept[3] Disorder of body wall (disorder)   ⦙105::ACTIVE 2014-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93116004 | [Lack of ossification of radius (disorder)]➞(Has definitional manifestation)➞  [Lack of bone formation (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 8, 15, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Lack of bone formation (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Occurrence➞[5]  Concept[5] Congenital (qualifier value)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Congenital anomaly (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Bone structure of radius (body structure)   Concept[9] Congenital anomaly of radius (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 8, 15, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Lack of bone formation (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Occurrence➞[5]  Concept[5] Congenital (qualifier value)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Congenital anomaly (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Bone structure of radius (body structure)   Concept[9] Congenital anomaly of radius (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93117008 | [Lack of ossification of rib (disorder)]➞(Has definitional manifestation)➞  [Lack of bone formation (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Lack of bone formation (finding)   Concept[5] Congenital anomaly of rib (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 8, 15, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Lack of bone formation (finding)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Bone structure of rib (body structure)   Concept[9] Congenital anomaly of rib (disorder)   ⦙87::ACTIVE 2002-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93118003 | [Lack of ossification of scapula (disorder)]➞(Has definitional manifestation)➞  [Lack of bone formation (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[5, 9, 15, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Lack of bone formation (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Congenital (qualifier value)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Bone structure of scapula (body structure)   Concept[1] Congenital anomaly of scapula (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[5, 9, 15, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Lack of bone formation (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Congenital (qualifier value)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Bone structure of scapula (body structure)   Concept[1] Congenital anomaly of scapula (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93119006 | [Lack of ossification of squamosal bone (disorder)]➞(Has definitional manifestation)➞  [Lack of bone formation (finding)] |
| stated: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[4, 8, 16, 10, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Lack of bone formation (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Occurrence➞[5]  Concept[5] Congenital (qualifier value)   Some[16] role group➞[15]  And[15]➞[14, 12]  Some[14] Associated morphology➞[13]  Concept[13] Congenital anomaly (morphologic abnormality)   Some[12] Finding site➞[11]  Concept[11] Structure of squamous part of temporal bone (body structure)   Concept[10] Congenital anomaly of squamosal bone (disorder)   Concept[9] Defect of skull ossification (disorder)   ⦙37::ACTIVE 2008-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[4, 8, 16, 10, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Lack of bone formation (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Occurrence➞[5]  Concept[5] Congenital (qualifier value)   Some[16] role group➞[15]  And[15]➞[14, 12]  Some[14] Associated morphology➞[13]  Concept[13] Congenital anomaly (morphologic abnormality)   Some[12] Finding site➞[11]  Concept[11] Structure of squamous part of temporal bone (body structure)   Concept[10] Congenital anomaly of squamosal bone (disorder)   Concept[9] Defect of skull ossification (disorder)   ⦙96::ACTIVE 2008-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93120000 | [Lack of ossification of sternebra (disorder)]➞(Has definitional manifestation)➞  [Lack of bone formation (finding)] |
| stated: | Root[0]➞[13]  Necessary[13]➞[12]  And[12]➞[5, 11, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Lack of bone formation (finding)   Some[11] role group➞[10]  And[10]➞[9, 7]  Some[9] Associated morphology➞[8]  Concept[8] Congenital malformation (morphologic abnormality)   Some[7] Finding site➞[6]  Concept[6] Structure of sternebra (body structure)   Concept[1] Congenital anomaly of sternebra (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 9, 15, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Lack of bone formation (finding)   Some[15] role group➞[14]  And[14]➞[13, 11]  Some[13] Associated morphology➞[12]  Concept[12] Congenital malformation (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Structure of sternebra (body structure)   Concept[5] Congenital anomaly of sternebra (disorder)   ⦙96::ACTIVE 2008-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93121001 | [Lack of ossification of supraoccipital bone (disorder)]➞(Has definitional manifestation)➞  [Lack of bone formation (finding)] |
| stated: | Root[0]➞[20]  Necessary[20]➞[19]  And[19]➞[5, 10, 18, 6, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Lack of bone formation (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Occurrence➞[7]  Concept[7] Congenital (qualifier value)   Some[18] role group➞[17]  And[17]➞[16, 12, 14]  Some[16] Associated morphology➞[15]  Concept[15] Congenital anomaly (morphologic abnormality)   Some[12] Finding site➞[11]  Concept[11] Bone structure of cranium (body structure)   Some[14] Finding site➞[13]  Concept[13] Structure of supraoccipital bone (body structure)   Concept[6] Congenital anomaly of supraoccipital bone (disorder)   Concept[1] Defect of skull ossification (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[20]  Necessary[20]➞[19]  And[19]➞[5, 10, 18, 6, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Lack of bone formation (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Occurrence➞[7]  Concept[7] Congenital (qualifier value)   Some[18] role group➞[17]  And[17]➞[16, 12, 14]  Some[16] Associated morphology➞[15]  Concept[15] Congenital anomaly (morphologic abnormality)   Some[12] Finding site➞[11]  Concept[11] Bone structure of cranium (body structure)   Some[14] Finding site➞[13]  Concept[13] Structure of supraoccipital bone (body structure)   Concept[6] Congenital anomaly of supraoccipital bone (disorder)   Concept[1] Defect of skull ossification (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93122008 | [Lack of ossification of talus (disorder)]➞(Has definitional manifestation)➞  [Lack of bone formation (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[5, 9, 15, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Occurrence➞[2]  Concept[2] Congenital (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Lack of bone formation (finding)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Congenital anomaly (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Bone structure of talus (body structure)   Concept[1] Congenital anomaly of talus (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[5, 9, 15, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Occurrence➞[2]  Concept[2] Congenital (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Lack of bone formation (finding)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Congenital anomaly (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Bone structure of talus (body structure)   Concept[1] Congenital anomaly of talus (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93123003 | [Lack of ossification of tarsal bone (disorder)]➞(Has definitional manifestation)➞  [Lack of bone formation (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 8, 15, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Lack of bone formation (finding)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Congenital anomaly (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Bone structure of tarsus (body structure)   Concept[9] Congenital anomaly of tarsal bone (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 8, 15, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Lack of bone formation (finding)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Congenital anomaly (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Bone structure of tarsus (body structure)   Concept[9] Congenital anomaly of tarsal bone (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93124009 | [Lack of ossification of tibia (disorder)]➞(Has definitional manifestation)➞  [Lack of bone formation (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 8, 15, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Lack of bone formation (finding)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Congenital anomaly (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Bone structure of tibia (body structure)   Concept[9] Congenital anomaly of tibia (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 8, 15, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Lack of bone formation (finding)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Congenital anomaly (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Bone structure of tibia (body structure)   Concept[9] Congenital anomaly of tibia (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93125005 | [Lack of ossification of tympanic anulus (disorder)]➞(Has definitional manifestation)➞  [Lack of bone formation (finding)] |
| stated: | Root[0]➞[21]  Necessary[21]➞[20]  And[20]➞[4, 10, 19, 6, 5, 11]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Has definitional manifestation➞[7]  Concept[7] Lack of bone formation (finding)   Some[19] role group➞[18]  And[18]➞[13, 15, 17]  Some[13] Associated morphology➞[12]  Concept[12] Congenital anomaly (morphologic abnormality)   Some[15] Finding site➞[14]  Concept[14] Bone structure of cranium (body structure)   Some[17] Finding site➞[16]  Concept[16] Structure of tympanic anulus (body structure)   Concept[6] Defect of skull ossification (disorder)   Concept[5] Congenital anomalies of fetus (disorder)   Concept[11] Congenital anomaly of ear (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[32]  Necessary[32]➞[31]  And[31]➞[4, 10, 15, 22, 30, 6, 5, 11, 16]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Lack of bone formation (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Occurrence➞[7]  Concept[7] Fetal period (qualifier value)   Some[15] role group➞[14]  And[14]➞[13]  Some[13] Occurrence➞[12]  Concept[12] Congenital (qualifier value)   Some[22] role group➞[21]  And[21]➞[18, 20]  Some[18] Associated morphology➞[17]  Concept[17] Congenital anomaly (morphologic abnormality)   Some[20] Finding site➞[19]  Concept[19] Ear structure (body structure)   Some[30] role group➞[29]  And[29]➞[24, 26, 28]  Some[24] Associated morphology➞[23]  Concept[23] Congenital anomaly (morphologic abnormality)   Some[26] Finding site➞[25]  Concept[25] Structure of tympanic anulus (body structure)   Some[28] Finding site➞[27]  Concept[27] Bone structure of cranium (body structure)   Concept[6] Congenital anomaly of fetal head bones (disorder)   Concept[5] Congenital anomaly of tympanic anulus (disorder)   Concept[11] Defect of skull ossification (disorder)   Concept[16] Congenital anomaly of ear (disorder)   ⦙111::ACTIVE 2013-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93126006 | [Lack of ossification of ulna (disorder)]➞(Has definitional manifestation)➞  [Lack of bone formation (finding)] |
| stated: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[5, 9, 15, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Occurrence➞[2]  Concept[2] Congenital (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Lack of bone formation (finding)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Congenital anomaly (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Bone structure of ulna (body structure)   Concept[1] Congenital anomaly of ulna (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[5, 9, 15, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Occurrence➞[2]  Concept[2] Congenital (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Lack of bone formation (finding)   Some[15] role group➞[14]  And[14]➞[11, 13]  Some[11] Associated morphology➞[10]  Concept[10] Congenital anomaly (morphologic abnormality)   Some[13] Finding site➞[12]  Concept[12] Bone structure of ulna (body structure)   Concept[1] Congenital anomaly of ulna (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93127002 | [Lack of ossification of vomer (disorder)]➞(Has definitional manifestation)➞  [Lack of bone formation (finding)] |
| stated: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[6, 10, 16, 2, 1]  Some[6] role group➞[5]  And[5]➞[4]  Some[4] Has definitional manifestation➞[3]  Concept[3] Lack of bone formation (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Occurrence➞[7]  Concept[7] Congenital (qualifier value)   Some[16] role group➞[15]  And[15]➞[12, 14]  Some[12] Associated morphology➞[11]  Concept[11] Congenital anomaly (morphologic abnormality)   Some[14] Finding site➞[13]  Concept[13] Vomer bone structure (body structure)   Concept[2] Defect of skull ossification (disorder)   Concept[1] Congenital anomaly of vomer (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[24]  Necessary[24]➞[23]  And[23]➞[5, 9, 16, 22, 10, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Occurrence➞[2]  Concept[2] Congenital (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Lack of bone formation (finding)   Some[16] role group➞[15]  And[15]➞[12, 14]  Some[12] Associated morphology➞[11]  Concept[11] Congenital anomaly (morphologic abnormality)   Some[14] Finding site➞[13]  Concept[13] Bone structure of cranium (body structure)   Some[22] role group➞[21]  And[21]➞[20, 18]  Some[20] Associated morphology➞[19]  Concept[19] Congenital anomaly (morphologic abnormality)   Some[18] Finding site➞[17]  Concept[17] Vomer bone structure (body structure)   Concept[10] Defect of skull ossification (disorder)   Concept[1] Congenital anomaly of vomer (disorder)   ⦙89::ACTIVE 2009-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 93128007 | [Lack of ossification of zygomatic bone (disorder)]➞(Has definitional manifestation)➞  [Lack of bone formation (finding)] |
| stated: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[4, 9, 16, 10, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Lack of bone formation (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Congenital (qualifier value)   Some[16] role group➞[15]  And[15]➞[14, 12]  Some[14] Associated morphology➞[13]  Concept[13] Congenital anomaly (morphologic abnormality)   Some[12] Finding site➞[11]  Concept[11] Zygomatic bone structure (body structure)   Concept[10] Congenital anomaly of zygomatic bone (disorder)   Concept[5] Defect of skull ossification (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[18]  Necessary[18]➞[17]  And[17]➞[4, 9, 16, 10, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Lack of bone formation (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Occurrence➞[6]  Concept[6] Congenital (qualifier value)   Some[16] role group➞[15]  And[15]➞[14, 12]  Some[14] Associated morphology➞[13]  Concept[13] Congenital anomaly (morphologic abnormality)   Some[12] Finding site➞[11]  Concept[11] Zygomatic bone structure (body structure)   Concept[10] Congenital anomaly of zygomatic bone (disorder)   Concept[5] Defect of skull ossification (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 313427003 | [Lambda light chain myeloma (disorder)]➞(Has definitional manifestation)➞  [Monoclonal free lambda light chain present (finding)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Monoclonal free lambda light chain present (finding)   Concept[1] Light chain myeloma (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Sufficient[11]➞[10]  And[10]➞[4, 9, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Monoclonal free lambda light chain present (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Associated morphology➞[6]  Concept[6] Plasma cell myeloma - category (morphologic abnormality)   Concept[5] Light chain myeloma (disorder)   ⦙92::ACTIVE 2009-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 77746001 | [Leontiasis (disorder)]➞(Has definitional manifestation)➞  [Leonine facies (finding)] |
| stated: | Root[0]➞[15]  Sufficient[15]➞[14]  And[14]➞[4, 8, 13, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Leonine facies (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Causative agent➞[5]  Concept[5] Mycobacterium leprae (organism)   Some[13] role group➞[12]  And[12]➞[11]  Some[11] Finding site➞[10]  Concept[10] Subcutaneous tissue structure of face (body structure)   Concept[9] Leprosy (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[23]  Sufficient[23]➞[22]  And[22]➞[4, 11, 17, 21, 12, 7, 5, 13, 6]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Leonine facies (finding)   Some[11] role group➞[10]  And[10]➞[9]  Some[9] Pathological process➞[8]  Concept[8] Infectious process (qualifier value)   Some[17] role group➞[16]  And[16]➞[15]  Some[15] Finding site➞[14]  Concept[14] Subcutaneous tissue structure of face (body structure)   Some[21] role group➞[20]  And[20]➞[19]  Some[19] Causative agent➞[18]  Concept[18] Mycobacterium leprae (organism)   Concept[12] Infection of subcutaneous tissue (disorder)   Concept[7] Leprosy (disorder)   Concept[5] Bacterial infection by site (disorder)   Concept[13] Disorder of skin AND/OR subcutaneous tissue of head (disorder)   Concept[6] Infected face (disorder)   ⦙89::ACTIVE 2009-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 111583006 | [Leukocytosis (disorder)]➞(Has definitional manifestation)➞  [Increased blood leukocyte number (finding)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Increased blood leukocyte number (finding)   Concept[1] White blood cell disorder (disorder)   ⦙25::ACTIVE 2006-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Sufficient[11]➞[10]  And[10]➞[5, 9, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] White blood cell finding (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Increased blood leukocyte number (finding)   Concept[1] White blood cell disorder (disorder)   ⦙89::ACTIVE 2009-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 84828003 | [Leukopenia (disorder)]➞(Has definitional manifestation)➞  [Decreased blood leukocyte number (finding)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Decreased blood leukocyte number (finding)   Concept[1] White blood cell disorder (disorder)   ⦙25::ACTIVE 2006-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Decreased blood leukocyte number (finding)   Concept[1] White blood cell disorder (disorder)   ⦙77::ACTIVE 2006-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 285430002 | [Light chain monoclonal gammopathy of uncertain significance (disorder)]➞(Has definitional manifestation)➞  [Monoclonal free light chain present (finding)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Monoclonal free light chain present (finding)   Concept[5] Monoclonal gammopathy of uncertain significance (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[23]  Sufficient[23]➞[22]  And[22]➞[4, 8, 13, 17, 21, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Increased immunoglobulin (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Associated morphology➞[5]  Concept[5] Monoclonal gammopathy of undetermined significance (morphologic abnormality)   Some[13] role group➞[12]  And[12]➞[11]  Some[11] Has definitional manifestation➞[10]  Concept[10] Monoclonal free light chain present (finding)   Some[17] role group➞[16]  And[16]➞[15]  Some[15] Has definitional manifestation➞[14]  Concept[14] Serum gamma globulin raised (finding)   Some[21] role group➞[20]  And[20]➞[19]  Some[19] Has definitional manifestation➞[18]  Concept[18] Immune system finding (finding)   Concept[9] Monoclonal gammopathy of uncertain significance (disorder)   ⦙89::ACTIVE 2009-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 277579002 | [Light chain myeloma (disorder)]➞(Has definitional manifestation)➞  [Monoclonal free light chain present (finding)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Monoclonal free light chain present (finding)   Concept[1] Multiple myeloma (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Sufficient[11]➞[10]  And[10]➞[4, 9, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Associated morphology➞[1]  Concept[1] Plasma cell myeloma - category (morphologic abnormality)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Monoclonal free light chain present (finding)   Concept[5] Multiple myeloma (disorder)   ⦙89::ACTIVE 2009-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A; has present in restriction |
| review: |  |

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| 67023009 | [Lymphocytosis (disorder)]➞(Has definitional manifestation)➞  [Increased blood lymphocyte number (finding)] |
| stated: | Root[0]➞[8]  Sufficient[8]➞[7]  And[7]➞[5, 1, 6]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Increased blood lymphocyte number (finding)   Concept[1] Leukocytosis (disorder)   Concept[6] Lymphocyte disorder (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[16]  Sufficient[16]➞[15]  And[15]➞[4, 10, 14, 6, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] White blood cell finding (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Has definitional manifestation➞[7]  Concept[7] Increased blood lymphocyte number (finding)   Some[14] role group➞[13]  And[13]➞[12]  Some[12] Has definitional manifestation➞[11]  Concept[11] Increased blood leukocyte number (finding)   Concept[6] Leukocytosis (disorder)   Concept[5] Lymphocyte disorder (disorder)   ⦙89::ACTIVE 2009-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 76102007 | [Male homosexual (finding)]➞(Has definitional manifestation)➞  [Sexually attracted to male gender (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Sexually attracted to male gender (finding)   Concept[1] Homosexual (finding)   ⦙49::ACTIVE 2013-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[4, 9, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Sexually attracted to male gender (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Interprets➞[6]  Concept[6] Sexual orientation (observable entity)   Concept[5] Homosexual (finding)   ⦙111::ACTIVE 2013-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | TODO |
| review: |  |

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| 2904007 | [Male infertility (disorder)]➞(Has definitional manifestation)➞  [Infertile (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Infertile (finding)   Concept[1] Disorder of male reproductive system (disorder)   ⦙8::ACTIVE 2009-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[4, 9, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Infertile (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Finding site➞[6]  Concept[6] Male genital structure (body structure)   Concept[5] Disorder of male reproductive system (disorder)   ⦙89::ACTIVE 2009-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 410577002 | [Masquerade syndrome (disorder)]➞(Has definitional manifestation)➞  [Vitreous cells (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Vitreous cells (finding)   Concept[5] Disorder of eye proper (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[4, 9, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Vitreous cells (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Finding site➞[6]  Concept[6] Structure of eye proper (body structure)   Concept[5] Disorder of eye proper (disorder)   ⦙68::ACTIVE 2004-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | TODO |
| review: |  |

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| 111565003 | [Medulloadrenal hyperfunction (disorder)]➞(Has definitional manifestation)➞  [Increased hormone production (finding)] |
| stated: | Root[0]➞[11]  Sufficient[11]➞[10]  And[10]➞[5, 9, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Increased hormone production (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Finding site➞[6]  Concept[6] Adrenal medulla structure (body structure)   Concept[1] Adrenal hyperfunction (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[12]  Sufficient[12]➞[11]  And[11]➞[6, 10, 1, 2]  Some[6] role group➞[5]  And[5]➞[4]  Some[4] Finding site➞[3]  Concept[3] Adrenal medulla structure (body structure)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Has definitional manifestation➞[7]  Concept[7] Increased hormone production (finding)   Concept[1] Disorder of adrenal medulla (disorder)   Concept[2] Adrenal hyperfunction (disorder)   ⦙85::ACTIVE 2005-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 304576008 | [Metaphyseal chondrodysplasia, McKusick type with associated immunodeficiency (disorder)]➞(Has definitional manifestation)➞  [Immunodeficiency disorder (disorder)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Immunodeficiency disorder (disorder)   Concept[1] Metaphyseal chondrodysplasia, McKusick type (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[25]  Sufficient[25]➞[24]  And[24]➞[4, 9, 17, 23, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Congenital (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Immunodeficiency disorder (disorder)   Some[17] role group➞[16]  And[16]➞[13, 11, 15]  Some[13] Associated morphology➞[12]  Concept[12] Hypoplasia (morphologic abnormality)   Some[11] Finding site➞[10]  Concept[10] Bone structure (body structure)   Some[15] Finding site➞[14]  Concept[14] Cartilaginous tissue structure (body structure)   Some[23] role group➞[22]  And[22]➞[19, 21]  Some[19] Associated morphology➞[18]  Concept[18] Congenital dysplasia (morphologic abnormality)   Some[21] Finding site➞[20]  Concept[20] Bone structure (body structure)   Concept[5] Metaphyseal chondrodysplasia, McKusick type (disorder)   ⦙85::ACTIVE 2005-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 234349007 | [Microcytic anemia (disorder)]➞(Has definitional manifestation)➞  [Microcytosis, red cells (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Microcytosis, red cells (finding)   Concept[5] Anemia (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[4, 8, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Microcytosis, red cells (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Erythropenia (finding)   Concept[9] Anemia (disorder)   ⦙85::ACTIVE 2005-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 445322004 | [Migraine variant with headache (disorder)]➞(Has definitional manifestation)➞  [Headache (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Headache (finding)   Concept[5] Migraine variants (disorder)   ⦙16::ACTIVE 2010-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[15]  Necessary[15]➞[14]  And[14]➞[4, 8, 13, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Finding site➞[1]  Concept[1] Brain tissue structure (body structure)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Finding site➞[5]  Concept[5] Vascular structure of head (body structure)   Some[13] role group➞[12]  And[12]➞[11]  Some[11] Has definitional manifestation➞[10]  Concept[10] Headache (finding)   Concept[9] Migraine variants (disorder)   ⦙76::ACTIVE 2010-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 109983007 | [Monoclonal gammopathy (disorder)]➞(Has definitional manifestation)➞  [Monoclonal band present (finding)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Monoclonal band present (finding)   Concept[5] Disorder of increased production of immunoglobulin protein (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[19]  Sufficient[19]➞[18]  And[18]➞[4, 8, 12, 16, 17]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Serum gamma globulin raised (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Immune system finding (finding)   Some[12] role group➞[11]  And[11]➞[10]  Some[10] Has definitional manifestation➞[9]  Concept[9] Monoclonal band present (finding)   Some[16] role group➞[15]  And[15]➞[14]  Some[14] Has definitional manifestation➞[13]  Concept[13] Increased immunoglobulin (finding)   Concept[17] Disorder of increased production of immunoglobulin protein (disorder)   ⦙89::ACTIVE 2009-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 19636003 | [Monocytosis (disorder)]➞(Has definitional manifestation)➞  [Increased blood monocyte number (finding)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Increased blood monocyte number (finding)   Concept[5] Monocytoid disorder (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[12]  Sufficient[12]➞[11]  And[11]➞[4, 10, 5, 6]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] White blood cell finding (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Has definitional manifestation➞[7]  Concept[7] Increased blood monocyte number (finding)   Concept[5] Leukocytosis (disorder)   Concept[6] Monocytoid disorder (disorder)   ⦙89::ACTIVE 2009-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 61493004 | [Mu heavy chain disease (disorder)]➞(Has definitional manifestation)➞  [Monoclonal mu heavy chain present (finding)] |
| stated: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[4, 9, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Due to➞[1]  Concept[1] B-cell chronic lymphocytic leukemia (disorder)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Monoclonal mu heavy chain present (finding)   Concept[5] Heavy chain disease (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[27]  Necessary[27]➞[26]  And[26]➞[4, 8, 13, 17, 21, 25, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Associated morphology➞[1]  Concept[1] Heavy chain disease (morphologic abnormality)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Due to➞[5]  Concept[5] B-cell chronic lymphocytic leukemia (disorder)   Some[13] role group➞[12]  And[12]➞[11]  Some[11] Has definitional manifestation➞[10]  Concept[10] Serum gamma globulin raised (finding)   Some[17] role group➞[16]  And[16]➞[15]  Some[15] Has definitional manifestation➞[14]  Concept[14] Monoclonal mu heavy chain present (finding)   Some[21] role group➞[20]  And[20]➞[19]  Some[19] Has definitional manifestation➞[18]  Concept[18] Immune system finding (finding)   Some[25] role group➞[24]  And[24]➞[23]  Some[23] Has definitional manifestation➞[22]  Concept[22] Increased immunoglobulin (finding)   Concept[9] Heavy chain disease (disorder)   ⦙89::ACTIVE 2009-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 439732004 | [Myoclonic dystonia (disorder)]➞(Has definitional manifestation)➞  [Myoclonus (finding)] |
| stated: | Root[0]➞[11]  Sufficient[11]➞[10]  And[10]➞[4, 8, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Finding site➞[1]  Concept[1] Extrapyramidal system structure (body structure)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Myoclonus (finding)   Concept[9] Dystonia (disorder)   ⦙18::ACTIVE 2009-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Sufficient[11]➞[10]  And[10]➞[4, 8, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Finding site➞[1]  Concept[1] Extrapyramidal system structure (body structure)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Myoclonus (finding)   Concept[9] Dystonia (disorder)   ⦙92::ACTIVE 2009-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 82835005 | [Neonatal thrombocytopenia (disorder)]➞(Has definitional manifestation)➞  [Platelet count below reference range (finding)] |
| stated: | Root[0]➞[11]  Sufficient[11]➞[10]  And[10]➞[4, 9, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Neonatal (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Platelet count below reference range (finding)   Concept[5] Thrombocytopenic disorder (disorder)   ⦙18::ACTIVE 2009-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[13]  Sufficient[13]➞[12]  And[12]➞[5, 9, 10, 11, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Occurrence➞[2]  Concept[2] Neonatal (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Platelet count below reference range (finding)   Concept[10] Neonatal coagulation disorder (disorder)   Concept[11] Thrombocytopenic disorder (disorder)   Concept[1] Disorder of cellular component of blood in newborn (disorder)   ⦙103::ACTIVE 2012-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A; What happens to the restriction if it is negated? |
| review: |  |

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| 416050006 | [Neoplastic masquerade syndrome (disorder)]➞(Has definitional manifestation)➞  [Vitreous cells (finding)] |
| stated: | Root[0]➞[15]  Necessary[15]➞[14]  And[14]➞[4, 8, 12, 13]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Finding site➞[1]  Concept[1] Structure of eye proper (body structure)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Vitreous cells (finding)   Some[12] role group➞[11]  And[11]➞[10]  Some[10] Associated with➞[9]  Concept[9] Neoplastic disease (disorder)   Concept[13] Masquerade syndrome (disorder)   ⦙9::ACTIVE 2006-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[15]  Necessary[15]➞[14]  And[14]➞[4, 8, 12, 13]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Finding site➞[1]  Concept[1] Structure of eye proper (body structure)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Vitreous cells (finding)   Some[12] role group➞[11]  And[11]➞[10]  Some[10] Associated with➞[9]  Concept[9] Neoplastic disease (disorder)   Concept[13] Masquerade syndrome (disorder)   ⦙72::ACTIVE 2006-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | TODO |
| review: |  |

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| 232086000 | [Neovascular glaucoma (disorder)]➞(Has definitional manifestation)➞  [Neovascularization of angle (finding)] |
| stated: | Root[0]➞[8]  Necessary[8]➞[7]  And[7]➞[5, 6, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Neovascularization of angle (finding)   Concept[6] Glaucoma associated with vascular disorder (disorder)   Concept[1] Secondary angle-closure glaucoma (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[26]  Necessary[26]➞[25]  And[25]➞[4, 8, 12, 17, 24, 18, 13]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Angle closed (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Due to➞[5]  Concept[5] Angle closed (finding)   Some[12] role group➞[11]  And[11]➞[10]  Some[10] Due to➞[9]  Concept[9] Disorder of blood vessel (disorder)   Some[17] role group➞[16]  And[16]➞[15]  Some[15] Has definitional manifestation➞[14]  Concept[14] Neovascularization of angle (finding)   Some[24] role group➞[23]  And[23]➞[22, 20]  Some[22] Associated morphology➞[21]  Concept[21] Obstruction (morphologic abnormality)   Some[20] Finding site➞[19]  Concept[19] Structure of iridocorneal angle (body structure)   Concept[18] Glaucoma associated with vascular disorder (disorder)   Concept[13] Secondary angle-closure glaucoma (disorder)   ⦙76::ACTIVE 2010-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 92503002 | [Neurofibromatosis, type 2 (disorder)]➞(Has definitional manifestation)➞  [Acoustic neuroma (disorder)] |
| stated: | Root[0]➞[8]  Necessary[8]➞[7]  And[7]➞[6, 2, 1]  Some[6] role group➞[5]  And[5]➞[4]  Some[4] Has definitional manifestation➞[3]  Concept[3] Acoustic neuroma (disorder)   Concept[2] Autosomal dominant hereditary disorder (disorder)   Concept[1] Neurofibromatosis syndrome (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[24]  Necessary[24]➞[23]  And[23]➞[6, 10, 14, 22, 1, 2]  Some[6] role group➞[5]  And[5]➞[4]  Some[4] Has definitional manifestation➞[3]  Concept[3] Acoustic neuroma (disorder)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Associated morphology➞[7]  Concept[7] Neoplasm (morphologic abnormality)   Some[14] role group➞[13]  And[13]➞[12]  Some[12] Occurrence➞[11]  Concept[11] Congenital (qualifier value)   Some[22] role group➞[21]  And[21]➞[18, 16, 20]  Some[18] Associated morphology➞[17]  Concept[17] Congenital anomaly (morphologic abnormality)   Some[16] Finding site➞[15]  Concept[15] Skin structure (body structure)   Some[20] Finding site➞[19]  Concept[19] Structure of nervous system (body structure)   Concept[1] Autosomal dominant hereditary disorder (disorder)   Concept[2] Neurofibromatosis syndrome (disorder)   ⦙77::ACTIVE 2006-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 303011007 | [Neutropenic disorder (disorder)]➞(Has definitional manifestation)➞  [Neutropenia (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Neutropenia (finding)   Concept[1] Quantitative abnormality of granulocytes (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[4, 8, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Neutropenia (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] White blood cell finding (finding)   Concept[9] Quantitative abnormality of granulocytes (disorder)   ⦙89::ACTIVE 2009-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 414850009 | [Neutrophilia (disorder)]➞(Has definitional manifestation)➞  [Neutrophilia (finding)] |
| stated: | Root[0]➞[8]  Sufficient[8]➞[7]  And[7]➞[6, 1, 2]  Some[6] role group➞[5]  And[5]➞[4]  Some[4] Has definitional manifestation➞[3]  Concept[3] Neutrophilia (finding)   Concept[1] Quantitative disorder of neutrophils (disorder)   Concept[2] Leukocytosis (disorder)   ⦙25::ACTIVE 2006-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[16]  Sufficient[16]➞[15]  And[15]➞[6, 10, 14, 1, 2]  Some[6] role group➞[5]  And[5]➞[4]  Some[4] Has definitional manifestation➞[3]  Concept[3] Neutrophilia (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Has definitional manifestation➞[7]  Concept[7] Increased blood leukocyte number (finding)   Some[14] role group➞[13]  And[13]➞[12]  Some[12] Has definitional manifestation➞[11]  Concept[11] White blood cell finding (finding)   Concept[1] Quantitative disorder of neutrophils (disorder)   Concept[2] Leukocytosis (disorder)   ⦙89::ACTIVE 2009-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A vs SYNONYMS |
| review: |  |

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| 64678009 | [Non-pregnancy related A-G syndrome (disorder)]➞(Has definitional manifestation)➞  [Amenorrhea (finding)] |
| stated: | Root[0]➞[12]  Necessary[12]➞[11]  And[11]➞[5, 10, 6, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Finding site➞[2]  Concept[2] Breast structure (body structure)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Has definitional manifestation➞[7]  Concept[7] Amenorrhea (finding)   Concept[6] Galactorrhea not associated with childbirth (disorder)   Concept[1] Hyperprolactinemia (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[24]  Necessary[24]➞[23]  And[23]➞[4, 10, 14, 18, 22, 5, 6]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Increased hormone production (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Has definitional manifestation➞[7]  Concept[7] Amenorrhea (finding)   Some[14] role group➞[13]  And[13]➞[12]  Some[12] Finding site➞[11]  Concept[11] Structure of pars distalis of pituitary (body structure)   Some[18] role group➞[17]  And[17]➞[16]  Some[16] Finding site➞[15]  Concept[15] Breast structure (body structure)   Some[22] role group➞[21]  And[21]➞[20]  Some[20] Finding site➞[19]  Concept[19] Gonadal endocrine structure (body structure)   Concept[5] Galactorrhea not associated with childbirth (disorder)   Concept[6] Hyperprolactinemia (disorder)   ⦙79::ACTIVE 2007-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | TODO |
| review: |  |

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| 95528002 | [Numbness of tongue (disorder)]➞(Has definitional manifestation)➞  [Numbness (finding)] |
| stated: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[5, 9, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Finding site➞[2]  Concept[2] Tongue structure (body structure)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Numbness (finding)   Concept[1] Disorder of tongue (disorder)   ⦙14::ACTIVE 2002-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[5, 9, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Finding site➞[2]  Concept[2] Tongue structure (body structure)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Numbness (finding)   Concept[1] Disorder of tongue (disorder)   ⦙87::ACTIVE 2002-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 563001 | [Nystagmus (disorder)]➞(Has definitional manifestation)➞  [Nystagmus present (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Nystagmus present (finding)   Concept[5] Disorder of eye movements (disorder)   ⦙8::ACTIVE 2009-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[5, 9, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Finding site➞[2]  Concept[2] Structure of visual system (body structure)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Nystagmus present (finding)   Concept[1] Disorder of eye movements (disorder)   ⦙89::ACTIVE 2009-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A vs Synonym |
| review: |  |

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| 414916001 | [Obesity (disorder)]➞(Has definitional manifestation)➞  [Obese (finding)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Obese (finding)   Concept[5] Disease (disorder)   ⦙22::ACTIVE 2005-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Obese (finding)   Concept[5] Disease (disorder)   ⦙85::ACTIVE 2005-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 29908007 | [Oliguria following molar AND/OR ectopic pregnancy (disorder)]➞(Has definitional manifestation)➞  [Oliguria (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Oliguria (finding)   Concept[5] Renal failure following molar AND/OR ectopic pregnancy (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[5, 9, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Finding site➞[2]  Concept[2] Kidney structure (body structure)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Oliguria (finding)   Concept[1] Renal failure following molar AND/OR ectopic pregnancy (disorder)   ⦙81::ACTIVE 2005-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 423341008 | [Optic disc edema (disorder)]➞(Has definitional manifestation)➞  [Optic disc swelling (finding)] |
| stated: | Root[0]➞[13]  Sufficient[13]➞[12]  And[12]➞[5, 11, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Optic disc swelling (finding)   Some[11] role group➞[10]  And[10]➞[7, 9]  Some[7] Associated morphology➞[6]  Concept[6] Edema (morphologic abnormality)   Some[9] Finding site➞[8]  Concept[8] Optic disc structure (body structure)   Concept[1] Optic disc disorder (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[14]  Sufficient[14]➞[13]  And[13]➞[4, 12, 5, 6]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Optic disc swelling (finding)   Some[12] role group➞[11]  And[11]➞[10, 8]  Some[10] Associated morphology➞[9]  Concept[9] Edema (morphologic abnormality)   Some[8] Finding site➞[7]  Concept[7] Optic disc structure (body structure)   Concept[5] Optic disc disorder (disorder)   Concept[6] Retinal edema (disorder)   ⦙79::ACTIVE 2007-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 111549004 | [Ovarian hyperfunction (disorder)]➞(Has definitional manifestation)➞  [Increased hormone secretion (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Increased hormone secretion (finding)   Concept[5] Disorder of endocrine ovary (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[4, 8, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Increased hormone secretion (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Finding site➞[5]  Concept[5] Ovarian endocrine structure (body structure)   Concept[9] Disorder of endocrine ovary (disorder)   ⦙79::ACTIVE 2007-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 314741003 | [Ovarian hypersecretion (disorder)]➞(Has definitional manifestation)➞  [Increased hormone secretion (finding)] |
| stated: | Root[0]➞[8]  Necessary[8]➞[7]  And[7]➞[5, 1, 6]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Increased hormone secretion (finding)   Concept[1] Ovarian hyperfunction (disorder)   Concept[6] Gynecological endocrinology disorder (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[12]  Necessary[12]➞[11]  And[11]➞[4, 8, 9, 10]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Increased hormone secretion (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Finding site➞[5]  Concept[5] Ovarian endocrine structure (body structure)   Concept[9] Ovarian hyperfunction (disorder)   Concept[10] Gynecological endocrinology disorder (disorder)   ⦙79::ACTIVE 2007-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 123761003 | [Ovarian masculinization syndrome (disorder)]➞(Has definitional manifestation)➞  [Increased hormone secretion (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Increased hormone secretion (finding)   Concept[5] Disorder of endocrine ovary (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[5, 9, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Finding site➞[2]  Concept[2] Ovarian endocrine structure (body structure)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Increased hormone secretion (finding)   Concept[1] Disorder of endocrine ovary (disorder)   ⦙79::ACTIVE 2007-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 286917001 | [Ovary or testis hyperfunction (disorder)]➞(Has definitional manifestation)➞  [Increased hormone secretion (finding)] |
| stated: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[4, 8, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Increased hormone secretion (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Finding site➞[5]  Concept[5] Gonadal endocrine structure (body structure)   Concept[9] Disorder of endocrine gonad (disorder)   ⦙3::ACTIVE 2003-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[4, 8, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Increased hormone secretion (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Finding site➞[5]  Concept[5] Gonadal endocrine structure (body structure)   Concept[9] Disorder of endocrine gonad (disorder)   ⦙66::ACTIVE 2003-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 428171009 | [Pain at rest due to peripheral vascular disease (disorder)]➞(Has definitional manifestation)➞  [Rest pain (finding)] |
| stated: | Root[0]➞[11]  Sufficient[11]➞[10]  And[10]➞[4, 8, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Rest pain (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Due to➞[5]  Concept[5] Peripheral vascular disease (disorder)   Concept[9] Disorder characterized by pain (disorder)   ⦙37::ACTIVE 2008-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Sufficient[11]➞[10]  And[10]➞[4, 8, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Rest pain (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Due to➞[5]  Concept[5] Peripheral vascular disease (disorder)   Concept[9] Disorder characterized by pain (disorder)   ⦙96::ACTIVE 2008-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 371631005 | [Panic disorder (disorder)]➞(Has definitional manifestation)➞  [Panic (finding)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Panic (finding)   Concept[5] Anxiety disorder (disorder)   ⦙25::ACTIVE 2006-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Panic (finding)   Concept[5] Anxiety disorder (disorder)   ⦙77::ACTIVE 2006-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A; Temporal issues |
| review: |  |

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| 371130005 | [Paraneoplastic ectopic secretion of adrenocorticotropic hormone (disorder)]➞(Has definitional manifestation)➞  [Ectopic adrenocorticotropic hormone secretion (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Ectopic adrenocorticotropic hormone secretion (finding)   Concept[5] Paraneoplastic syndrome (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[4, 9, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Due to➞[1]  Concept[1] Neoplastic disease (disorder)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Ectopic adrenocorticotropic hormone secretion (finding)   Concept[5] Paraneoplastic syndrome (disorder)   ⦙68::ACTIVE 2004-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 85559002 | [Pelger-Huët anomaly (disorder)]➞(Has definitional manifestation)➞  [Pelger-Huët cell (finding)] |
| stated: | Root[0]➞[9]  Necessary[9]➞[8]  And[8]➞[6, 1, 2, 7]  Some[6] role group➞[5]  And[5]➞[4]  Some[4] Has definitional manifestation➞[3]  Concept[3] Pelger-Huët cell (finding)   Concept[1] Non-malignant white cell disorder (disorder)   Concept[2] Genetic anomaly of leukocyte (disorder)   Concept[7] Qualitative abnormality of granulocyte (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[13]  Necessary[13]➞[12]  And[12]➞[5, 10, 11, 6, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Pelger-Huët cell (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Interprets➞[7]  Concept[7] Genetic test (procedure)   Concept[11] Non-malignant white cell disorder (disorder)   Concept[6] Genetic anomaly of leukocyte (disorder)   Concept[1] Qualitative abnormality of granulocyte (disorder)   ⦙89::ACTIVE 2009-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 38593000 | [Perinatal cyanotic attacks (disorder)]➞(Has definitional manifestation)➞  [Cyanosis (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Cyanosis (finding)   Concept[1] Perinatal cardiovascular disorders (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[15]  Necessary[15]➞[14]  And[14]➞[4, 9, 13, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Occurrence➞[1]  Concept[1] Perinatal period (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Cyanosis (finding)   Some[13] role group➞[12]  And[12]➞[11]  Some[11] Finding site➞[10]  Concept[10] Structure of cardiovascular system (body structure)   Concept[5] Perinatal cardiovascular disorders (disorder)   ⦙85::ACTIVE 2005-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 418763003 | [Periodic limb movement disorder (disorder)]➞(Has definitional manifestation)➞  [Periodic leg movements of sleep (finding)] |
| stated: | Root[0]➞[8]  Necessary[8]➞[7]  And[7]➞[4, 6, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Periodic leg movements of sleep (finding)   Concept[6] Parasomnia (disorder)   Concept[5] Involuntary movement (finding)   ⦙16::ACTIVE 2010-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[8]  Necessary[8]➞[7]  And[7]➞[6, 2, 1]  Some[6] role group➞[5]  And[5]➞[4]  Some[4] Has definitional manifestation➞[3]  Concept[3] Periodic leg movements of sleep (finding)   Concept[2] Parasomnia (disorder)   Concept[1] Involuntary movement (finding)   ⦙76::ACTIVE 2010-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 386810004 | [Phobic disorder (disorder)]➞(Has definitional manifestation)➞  [Phobia (finding)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Phobia (finding)   Concept[5] Anxiety disorder (disorder)   ⦙25::ACTIVE 2006-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Phobia (finding)   Concept[5] Anxiety disorder (disorder)   ⦙77::ACTIVE 2006-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 403593004 | [Phobic fear of skin cancer (disorder)]➞(Has definitional manifestation)➞  [Fear of getting cancer (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Fear of getting cancer (finding)   Concept[5] Cutaneous hypochondriasis (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[8]  Necessary[8]➞[7]  And[7]➞[4, 5, 6]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Fear of getting cancer (finding)   Concept[5] Phobic disorder (disorder)   Concept[6] Cutaneous hypochondriasis (disorder)   ⦙77::ACTIVE 2006-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 402179009 | [Photoaggravation of disorder (disorder)]➞(Has definitional manifestation)➞  [Photosensitivity (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Photosensitivity (finding)   Concept[5] Light and ultraviolet-induced dermatosis (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[15]  Necessary[15]➞[14]  And[14]➞[4, 9, 13, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Causative agent➞[1]  Concept[1] Light and ultraviolet light radiation (physical force)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Photosensitivity (finding)   Some[13] role group➞[12]  And[12]➞[11]  Some[11] Finding site➞[10]  Concept[10] Skin structure (body structure)   Concept[5] Light and ultraviolet-induced dermatosis (disorder)   ⦙68::ACTIVE 2004-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 359743001 | [Postablative hypoparathyroidism (disorder)]➞(Has definitional manifestation)➞  [Decreased hormone production (finding)] |
| stated: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[4, 8, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Decreased hormone production (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] After➞[5]  Concept[5] Destructive procedure on parathyroid (procedure)   Concept[9] Hypoparathyroidism (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[19]  Necessary[19]➞[18]  And[18]➞[4, 8, 13, 17, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Finding site➞[1]  Concept[1] Parathyroid structure (body structure)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] After➞[5]  Concept[5] Destructive procedure on parathyroid (procedure)   Some[13] role group➞[12]  And[12]➞[11]  Some[11] Has definitional manifestation➞[10]  Concept[10] Decreased hormone production (finding)   Some[17] role group➞[16]  And[16]➞[15]  Some[15] Has definitional manifestation➞[14]  Concept[14] Decreased hormone secretion (finding)   Concept[9] Post-surgical hypoparathyroidism (disorder)   ⦙96::ACTIVE 2008-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 237527007 | [Postablative hypothyroidism (disorder)]➞(Has definitional manifestation)➞  [Decreased hormone production (finding)] |
| stated: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[4, 9, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] After➞[1]  Concept[1] Destructive procedure on thyroid gland (procedure)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Decreased hormone production (finding)   Concept[5] Acquired hypothyroidism (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[15]  Necessary[15]➞[14]  And[14]➞[4, 8, 13, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] After➞[1]  Concept[1] Destructive procedure on thyroid gland (procedure)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Decreased hormone production (finding)   Some[13] role group➞[12]  And[12]➞[11]  Some[11] Finding site➞[10]  Concept[10] Thyroid structure (body structure)   Concept[9] Acquired hypothyroidism (disorder)   ⦙76::ACTIVE 2010-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 4654002 | [Posteruptive color change of tooth (disorder)]➞(Has definitional manifestation)➞  [Abnormal color (finding)] |
| stated: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[5, 9, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Abnormal color (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Finding site➞[6]  Concept[6] Tooth structure (body structure)   Concept[1] Staining of tooth (disorder)   ⦙14::ACTIVE 2002-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[5, 9, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Abnormal color (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Finding site➞[6]  Concept[6] Tooth structure (body structure)   Concept[1] Staining of tooth (disorder)   ⦙87::ACTIVE 2002-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A; should it point to a morphology? |
| review: |  |

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| 45055003 | [Postirradiation ovarian failure (disorder)]➞(Has definitional manifestation)➞  [Decreased hormone secretion (finding)] |
| stated: | Root[0]➞[13]  Necessary[13]➞[12]  And[12]➞[6, 10, 1, 11, 2]  Some[6] role group➞[5]  And[5]➞[4]  Some[4] Causative agent➞[3]  Concept[3] Ionizing radiation (physical force)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Has definitional manifestation➞[7]  Concept[7] Decreased hormone secretion (finding)   Concept[1] Postablative ovarian failure (disorder)   Concept[11] Iatrogenic ovarian failure (disorder)   Concept[2] Adverse effect of radiation therapy (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[25]  Necessary[25]➞[24]  And[24]➞[4, 9, 13, 17, 23, 18, 19, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Causative agent➞[1]  Concept[1] Ionizing radiation (physical force)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Associated with➞[6]  Concept[6] Radiation oncology AND/OR radiotherapy (procedure)   Some[13] role group➞[12]  And[12]➞[11]  Some[11] Has definitional manifestation➞[10]  Concept[10] Decreased hormone secretion (finding)   Some[17] role group➞[16]  And[16]➞[15]  Some[15] After➞[14]  Concept[14] Ovarian ablation (procedure)   Some[23] role group➞[22]  And[22]➞[21]  Some[21] Finding site➞[20]  Concept[20] Ovarian endocrine structure (body structure)   Concept[18] Postablative ovarian failure (disorder)   Concept[19] Iatrogenic ovarian failure (disorder)   Concept[5] Adverse effect of radiation therapy (disorder)   ⦙90::ACTIVE 2007-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 20615009 | [Postirradiation testicular hypofunction (disorder)]➞(Has definitional manifestation)➞  [Decreased hormone secretion (finding)] |
| stated: | Root[0]➞[14]  Sufficient[14]➞[13]  And[13]➞[4, 12, 6, 7, 8, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Causative agent➞[1]  Concept[1] Ionizing radiation (physical force)   Some[12] role group➞[11]  And[11]➞[10]  Some[10] Has definitional manifestation➞[9]  Concept[9] Decreased hormone secretion (finding)   Concept[6] Postablative testicular hypofunction (disorder)   Concept[7] Injury due to exposure to ionizing radiation (disorder)   Concept[8] Adverse effect of radiation therapy (disorder)   Concept[5] Iatrogenic testicular hypofunction (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[34]  Sufficient[34]➞[33]  And[33]➞[4, 8, 13, 17, 23, 27, 32, 18, 28, 19, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Associated with➞[1]  Concept[1] Radiation oncology AND/OR radiotherapy (procedure)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Causative agent➞[5]  Concept[5] Ionizing radiation (physical force)   Some[13] role group➞[12]  And[12]➞[11]  Some[11] Has definitional manifestation➞[10]  Concept[10] Decreased hormone secretion (finding)   Some[17] role group➞[16]  And[16]➞[15]  Some[15] Associated morphology➞[14]  Concept[14] Radiation injury (morphologic abnormality)   Some[23] role group➞[22]  And[22]➞[21]  Some[21] Finding site➞[20]  Concept[20] Testicular endocrine structure (body structure)   Some[27] role group➞[26]  And[26]➞[25]  Some[25] Has definitional manifestation➞[24]  Concept[24] Decreased hormone production (finding)   Some[32] role group➞[31]  And[31]➞[30]  Some[30] After➞[29]  Concept[29] Testicular ablation (procedure)   Concept[18] Postablative testicular hypofunction (disorder)   Concept[28] Injury due to exposure to ionizing radiation (disorder)   Concept[19] Adverse effect of radiation therapy (disorder)   Concept[9] Iatrogenic testicular hypofunction (disorder)   ⦙96::ACTIVE 2008-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 85039006 | [Pregnancy-related A-G syndrome (disorder)]➞(Has definitional manifestation)➞  [Amenorrhea (finding)] |
| stated: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[4, 9, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Amenorrhea (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Finding site➞[6]  Concept[6] Breast structure (body structure)   Concept[5] Hyperprolactinemia (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[20]  Necessary[20]➞[19]  And[19]➞[4, 8, 13, 18, 14, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Finding site➞[1]  Concept[1] Breast structure (body structure)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Finding site➞[5]  Concept[5] Structure of pars distalis of pituitary (body structure)   Some[13] role group➞[12]  And[12]➞[11]  Some[11] Has definitional manifestation➞[10]  Concept[10] Amenorrhea (finding)   Some[18] role group➞[17]  And[17]➞[16]  Some[16] Has definitional manifestation➞[15]  Concept[15] Increased hormone production (finding)   Concept[14] Hyperprolactinemia (disorder)   Concept[9] Disorder of breast (disorder)   ⦙79::ACTIVE 2007-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 370494002 | [Protein-losing nephropathy (disorder)]➞(Has definitional manifestation)➞  [Proteinuria (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Proteinuria (finding)   Concept[1] Kidney disease (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[4, 8, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Proteinuria (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Finding site➞[5]  Concept[5] Kidney structure (body structure)   Concept[9] Kidney disease (disorder)   ⦙87::ACTIVE 2002-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 279333002 | [Pruritic disorders (disorder)]➞(Has definitional manifestation)➞  [Itching of skin (finding)] |
| stated: | Root[0]➞[11]  Sufficient[11]➞[10]  And[10]➞[4, 8, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Itching of skin (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Finding site➞[5]  Concept[5] Skin structure (body structure)   Concept[9] Disorder of skin (disorder)   ⦙25::ACTIVE 2006-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Sufficient[11]➞[10]  And[10]➞[4, 8, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Itching of skin (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Finding site➞[5]  Concept[5] Skin structure (body structure)   Concept[9] Disorder of skin (disorder)   ⦙77::ACTIVE 2006-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 95217000 | [Pseudophakia (disorder)]➞(Has definitional manifestation)➞  [Finding of artificial lens (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Finding of artificial lens (finding)   Concept[5] Disorder of lens (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[4, 9, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Finding of artificial lens (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Finding site➞[6]  Concept[6] Structure of lens of eye (body structure)   Concept[5] Disorder of lens (disorder)   ⦙81::ACTIVE 2005-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 300960003 | [Psychogenic back pain (disorder)]➞(Has definitional manifestation)➞  [Backache (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Backache (finding)   Concept[1] Somatoform pain disorder (disorder)   ⦙43::ACTIVE 2014-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Backache (finding)   Concept[5] Somatoform pain disorder (disorder)   ⦙105::ACTIVE 2014-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 95838002 | [Pulmonary cyanosis (disorder)]➞(Has definitional manifestation)➞  [Cyanosis (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Cyanosis (finding)   Concept[1] Disorder of pulmonary circulation (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[5, 9, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Finding site➞[2]  Concept[2] Pulmonary vascular structure (body structure)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Cyanosis (finding)   Concept[1] Disorder of pulmonary circulation (disorder)   ⦙87::ACTIVE 2002-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 387778001 | [Purpuric disorder (disorder)]➞(Has definitional manifestation)➞  [Purpura (finding)] |
| stated: | Root[0]➞[11]  Sufficient[11]➞[10]  And[10]➞[4, 9, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Purpura (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Associated morphology➞[6]  Concept[6] Purpura (morphologic abnormality)   Concept[5] Disorder of hemostatic system (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[12]  Sufficient[12]➞[11]  And[11]➞[5, 10, 6, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Purpura (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Associated morphology➞[7]  Concept[7] Purpura (morphologic abnormality)   Concept[6] Bleeding (finding)   Concept[1] Disorder of hemostatic system (disorder)   ⦙100::ACTIVE 2011-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 445345005 | [Remitting seronegative symmetrical synovitis with pitting edema (disorder)]➞(Has definitional manifestation)➞  [Pitting edema (finding)] |
| stated: | Root[0]➞[8]  Necessary[8]➞[7]  And[7]➞[6, 2, 1]  Some[6] role group➞[5]  And[5]➞[4]  Some[4] Has definitional manifestation➞[3]  Concept[3] Pitting edema (finding)   Concept[2] Seronegative arthritis (disorder)   Concept[1] Inflammatory polyarthropathy (disorder)   ⦙16::ACTIVE 2010-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[14]  Necessary[14]➞[13]  And[13]➞[4, 12, 6, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Pitting edema (finding)   Some[12] role group➞[11]  And[11]➞[10, 8]  Some[10] Associated morphology➞[9]  Concept[9] Inflammation (morphologic abnormality)   Some[8] Finding site➞[7]  Concept[7] Joint structure (body structure)   Concept[6] Seronegative arthritis (disorder)   Concept[5] Inflammatory polyarthropathy (disorder)   ⦙76::ACTIVE 2010-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 128613002 | [Seizure disorder (disorder)]➞(Has definitional manifestation)➞  [Seizure (finding)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Seizure (finding)   Concept[1] Disorder of brain (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Sufficient[11]➞[10]  And[10]➞[5, 9, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Seizure (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Finding site➞[6]  Concept[6] Brain structure (body structure)   Concept[1] Disorder of brain (disorder)   ⦙85::ACTIVE 2005-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | TODO |
| review: |  |

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| 193008009 | [Somatosensory epilepsy (disorder)]➞(Has definitional manifestation)➞  [Somatosensory seizure (disorder)] |
| stated: | Root[0]➞[11]  Sufficient[11]➞[10]  And[10]➞[4, 8, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Somatosensory seizure (disorder)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Finding site➞[5]  Concept[5] Cerebral structure (body structure)   Concept[9] Epilepsy (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[15]  Sufficient[15]➞[14]  And[14]➞[5, 9, 13, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Finding site➞[2]  Concept[2] Cerebral structure (body structure)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Seizure (finding)   Some[13] role group➞[12]  And[12]➞[11]  Some[11] Has definitional manifestation➞[10]  Concept[10] Somatosensory seizure (disorder)   Concept[1] Epilepsy (disorder)   ⦙97::ACTIVE 2004-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | TODO |
| review: |  |

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| 370971007 | [Somnolence syndrome (disorder)]➞(Has definitional manifestation)➞  [Excessive somnolence (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Excessive somnolence (finding)   Concept[5] Disorders of excessive somnolence (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Excessive somnolence (finding)   Concept[1] Disorders of excessive somnolence (disorder)   ⦙74::ACTIVE 2010-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 234978004 | [Staining of tooth (disorder)]➞(Has definitional manifestation)➞  [Abnormal color (finding)] |
| stated: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[4, 8, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Abnormal color (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Finding site➞[5]  Concept[5] Tooth structure (body structure)   Concept[9] Tooth disorder (disorder)   ⦙14::ACTIVE 2002-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[4, 8, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Abnormal color (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Finding site➞[5]  Concept[5] Tooth structure (body structure)   Concept[9] Tooth disorder (disorder)   ⦙87::ACTIVE 2002-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A; Should color be a morphology? |
| review: |  |

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| 57020009 | [Stokvis' disease (disorder)]➞(Has definitional manifestation)➞  [Cyanosis (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Cyanosis (finding)   Concept[1] Acquired methemoglobinemia (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Cyanosis (finding)   Concept[5] Acquired methemoglobinemia (disorder)   ⦙89::ACTIVE 2009-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 403197009 | [Sun-induced wrinkles (disorder)]➞(Has definitional manifestation)➞  [Wrinkled skin (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Wrinkled skin (finding)   Concept[5] Chronic effect of ultraviolet radiation on normal skin (photo-aging) (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[27]  Necessary[27]➞[26]  And[26]➞[4, 8, 13, 19, 25, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Wrinkled skin (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Causative agent➞[5]  Concept[5] Light and ultraviolet light radiation (physical force)   Some[13] role group➞[12]  And[12]➞[11]  Some[11] Causative agent➞[10]  Concept[10] Ultraviolet radiation (physical force)   Some[19] role group➞[18]  And[18]➞[17, 15]  Some[17] Associated morphology➞[16]  Concept[16] Degeneration (morphologic abnormality)   Some[15] Finding site➞[14]  Concept[14] Skin structure (body structure)   Some[25] role group➞[24]  And[24]➞[23, 21]  Some[23] Associated morphology➞[22]  Concept[22] Atrophy (morphologic abnormality)   Some[21] Finding site➞[20]  Concept[20] Skin structure (body structure)   Concept[9] Chronic effect of ultraviolet radiation on normal skin (photo-aging) (disorder)   ⦙79::ACTIVE 2007-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 417996009 | [Systolic heart failure (disorder)]➞(Has definitional manifestation)➞  [Systolic dysfunction (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Systolic dysfunction (finding)   Concept[5] Heart failure (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[4, 8, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Finding site➞[1]  Concept[1] Heart structure (body structure)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Has definitional manifestation➞[5]  Concept[5] Systolic dysfunction (finding)   Concept[9] Heart failure (disorder)   ⦙77::ACTIVE 2006-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 6285003 | [Tachyarrhythmia (disorder)]➞(Has definitional manifestation)➞  [Tachycardia (finding)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Tachycardia (finding)   Concept[1] Cardiac arrhythmia (disorder)   ⦙43::ACTIVE 2014-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Sufficient[11]➞[10]  And[10]➞[4, 9, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Finding site➞[1]  Concept[1] Heart structure (body structure)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Tachycardia (finding)   Concept[5] Cardiac arrhythmia (disorder)   ⦙105::ACTIVE 2014-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | TODO |
| review: |  |

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| 29206004 | [Testicular hyperfunction (disorder)]➞(Has definitional manifestation)➞  [Increased hormone production (finding)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Increased hormone production (finding)   Concept[1] Disorder of endocrine testis (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Sufficient[11]➞[10]  And[10]➞[4, 9, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Finding site➞[1]  Concept[1] Testicular endocrine structure (body structure)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Increased hormone production (finding)   Concept[5] Disorder of endocrine testis (disorder)   ⦙79::ACTIVE 2007-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 111551000 | [Testicular hypofunction (disorder)]➞(Has definitional manifestation)➞  [Decreased hormone production (finding)] |
| stated: | Root[0]➞[8]  Sufficient[8]➞[7]  And[7]➞[5, 1, 6]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Decreased hormone production (finding)   Concept[1] Disorder of endocrine testis (disorder)   Concept[6] Male hypogonadism (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[12]  Sufficient[12]➞[11]  And[11]➞[5, 10, 6, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Decreased hormone production (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Finding site➞[7]  Concept[7] Testicular endocrine structure (body structure)   Concept[6] Disorder of endocrine testis (disorder)   Concept[1] Male hypogonadism (disorder)   ⦙90::ACTIVE 2007-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 302215000 | [Thrombocytopenic disorder (disorder)]➞(Has definitional manifestation)➞  [Platelet count below reference range (finding)] |
| stated: | Root[0]➞[8]  Sufficient[8]➞[7]  And[7]➞[6, 1, 2]  Some[6] role group➞[5]  And[5]➞[4]  Some[4] Has definitional manifestation➞[3]  Concept[3] Platelet count below reference range (finding)   Concept[1] Blood coagulation disorder (disorder)   Concept[2] Platelet disorder (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[8]  Sufficient[8]➞[7]  And[7]➞[4, 5, 6]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Platelet count below reference range (finding)   Concept[5] Blood coagulation disorder (disorder)   Concept[6] Platelet disorder (disorder)   ⦙92::ACTIVE 2009-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 6631009 | [Thrombocytosis (disorder)]➞(Has definitional manifestation)➞  [Platelet count above reference range (finding)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Platelet count above reference range (finding)   Concept[1] Platelet disorder (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Platelet count above reference range (finding)   Concept[1] Platelet disorder (disorder)   ⦙92::ACTIVE 2009-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 568005 | [Tic disorder (disorder)]➞(Has definitional manifestation)➞  [Tic (finding)] |
| stated: | Root[0]➞[8]  Necessary[8]➞[7]  And[7]➞[6, 2, 1]  Some[6] role group➞[5]  And[5]➞[4]  Some[4] Has definitional manifestation➞[3]  Concept[3] Tic (finding)   Concept[2] Movement disorder (disorder)   Concept[1] Mental disorder usually first evident in infancy, childhood AND/OR adolescence (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[12]  Necessary[12]➞[11]  And[11]➞[4, 10, 6, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Tic (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Finding site➞[7]  Concept[7] Structure of nervous system (body structure)   Concept[6] Movement disorder (disorder)   Concept[5] Mental disorder usually first evident in infancy, childhood AND/OR adolescence (disorder)   ⦙89::ACTIVE 2009-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 371044001 | [Transient respiratory distress with sepsis (disorder)]➞(Has definitional manifestation)➞  [Respiratory distress (finding)] |
| stated: | Root[0]➞[12]  Necessary[12]➞[11]  And[11]➞[4, 9, 5, 10]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Respiratory distress (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Clinical course➞[6]  Concept[6] Transitory (qualifier value)   Concept[5] Sepsis (disorder)   Concept[10] Disorder of respiratory system (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[24]  Necessary[24]➞[23]  And[23]➞[4, 8, 13, 17, 22, 18, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Respiratory distress (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Clinical course➞[5]  Concept[5] Transitory (qualifier value)   Some[13] role group➞[12]  And[12]➞[11]  Some[11] Associated morphology➞[10]  Concept[10] Inflammatory morphology (morphologic abnormality)   Some[17] role group➞[16]  And[16]➞[15]  Some[15] Pathological process➞[14]  Concept[14] Infectious process (qualifier value)   Some[22] role group➞[21]  And[21]➞[20]  Some[20] Finding site➞[19]  Concept[19] Structure of respiratory system (body structure)   Concept[18] Acute respiratory infection (disorder)   Concept[9] Sepsis (disorder)   ⦙105::ACTIVE 2014-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 371047008 | [Traumatic hypotonia (disorder)]➞(Has definitional manifestation)➞  [Decreased muscle tone (finding)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Decreased muscle tone (finding)   Concept[5] Complication of injury (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Sufficient[11]➞[10]  And[10]➞[5, 9, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Associated with➞[2]  Concept[2] Traumatic injury (disorder)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Decreased muscle tone (finding)   Concept[1] Complication of injury (disorder)   ⦙81::ACTIVE 2005-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 403336005 | [Trichoschisis (disorder)]➞(Has definitional manifestation)➞  [Weathered hair (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Weathered hair (finding)   Concept[1] Disorder of hair (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[5, 9, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Weathered hair (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Finding site➞[6]  Concept[6] Hair structure (body structure)   Concept[1] Disorder of hair (disorder)   ⦙68::ACTIVE 2004-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 128187005 | [Vascular headache (disorder)]➞(Has definitional manifestation)➞  [Headache (finding)] |
| stated: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[4, 8, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Headache (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Finding site➞[5]  Concept[5] Vascular structure of head (body structure)   Concept[9] Headache disorder (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[12]  Necessary[12]➞[11]  And[11]➞[5, 10, 6, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Headache (finding)   Some[10] role group➞[9]  And[9]➞[8]  Some[8] Finding site➞[7]  Concept[7] Vascular structure of head (body structure)   Concept[6] Disorder of blood vessel (disorder)   Concept[1] Headache disorder (disorder)   ⦙77::ACTIVE 2006-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 95443002 | [Venous intermittent claudication (disorder)]➞(Has definitional manifestation)➞  [Claudication (finding)] |
| stated: | Root[0]➞[15]  Necessary[15]➞[14]  And[14]➞[4, 8, 13, 9]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Claudication (finding)   Some[8] role group➞[7]  And[7]➞[6]  Some[6] Finding site➞[5]  Concept[5] Venous structure (body structure)   Some[13] role group➞[12]  And[12]➞[11]  Some[11] Clinical course➞[10]  Concept[10] Intermittent (qualifier value)   Concept[9] Peripheral venous insufficiency (disorder)   ⦙49::ACTIVE 2013-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[17]  Necessary[17]➞[16]  And[16]➞[4, 9, 14, 5, 10, 15]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Clinical course➞[1]  Concept[1] Intermittent (qualifier value)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Claudication (finding)   Some[14] role group➞[13]  And[13]➞[12]  Some[12] Finding site➞[11]  Concept[11] Structure of peripheral vein (body structure)   Concept[5] Peripheral venous insufficiency (disorder)   Concept[10] Disorder characterized by pain (disorder)   Concept[15] Chronic disease of cardiovascular system (disorder)   ⦙111::ACTIVE 2013-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 87118001 | [Vertiginous syndrome (disorder)]➞(Has definitional manifestation)➞  [Vertigo (finding)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Vertigo (finding)   Concept[5] Disease (disorder)   ⦙4::ACTIVE 2003-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Vertigo (finding)   Concept[5] Disease (disorder)   ⦙70::ACTIVE 2003-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 186504007 | [Viral disease characterized by exanthem (disorder)]➞(Has definitional manifestation)➞  [Exanthematous disorder (disorder)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Exanthematous disorder (disorder)   Concept[5] Viral disease (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[15]  Sufficient[15]➞[14]  And[14]➞[5, 9, 13, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Causative agent➞[2]  Concept[2] Virus (organism)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Pathological process➞[6]  Concept[6] Infectious process (qualifier value)   Some[13] role group➞[12]  And[12]➞[11]  Some[11] Has definitional manifestation➞[10]  Concept[10] Exanthematous disorder (disorder)   Concept[1] Viral disease (disorder)   ⦙89::ACTIVE 2009-07-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A. Note it is from a disorder to a disorder. |
| review: |  |

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| 39194005 | [Visual epilepsy (disorder)]➞(Has definitional manifestation)➞  [Visual seizure (disorder)] |
| stated: | Root[0]➞[8]  Necessary[8]➞[7]  And[7]➞[4, 5, 6]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Visual seizure (disorder)   Concept[5] Disorder of visual cortex (disorder)   Concept[6] Epilepsy (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[20]  Necessary[20]➞[19]  And[19]➞[5, 9, 13, 17, 18, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Finding site➞[2]  Concept[2] Visual pathway structure (body structure)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Has definitional manifestation➞[6]  Concept[6] Seizure (finding)   Some[13] role group➞[12]  And[12]➞[11]  Some[11] Has definitional manifestation➞[10]  Concept[10] Visual seizure (disorder)   Some[17] role group➞[16]  And[16]➞[15]  Some[15] Finding site➞[14]  Concept[14] Structure of Brodmann areas 17 (striate cortex), 18 (parastriate cortex) and 19 (peristriate cortex) of the occipital lobe (body structure)   Concept[18] Disorder of visual cortex (disorder)   Concept[1] Epilepsy (disorder)   ⦙79::ACTIVE 2007-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | TODO. Note it is pointing from a disorder to a disorder… |
| review: |  |

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| 422400008 | [Vomiting (disorder)]➞(Has definitional manifestation)➞  [Finding of vomiting (finding)] |
| stated: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Finding of vomiting (finding)   Concept[5] Disease (disorder)   ⦙21::ACTIVE 2007-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[7]  Sufficient[7]➞[6]  And[6]➞[4, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Finding of vomiting (finding)   Concept[5] Disease (disorder)   ⦙79::ACTIVE 2007-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 406462006 | [Wandering pacemaker (disorder)]➞(Has definitional manifestation)➞  [Wandering atrial pacemaker (finding)] |
| stated: | Root[0]➞[7]  Necessary[7]➞[6]  And[6]➞[5, 1]  Some[5] role group➞[4]  And[4]➞[3]  Some[3] Has definitional manifestation➞[2]  Concept[2] Wandering atrial pacemaker (finding)   Concept[1] Atrial arrhythmia (disorder)   ⦙10::ACTIVE 2008-07-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[11]  Necessary[11]➞[10]  And[10]➞[4, 9, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] Wandering atrial pacemaker (finding)   Some[9] role group➞[8]  And[8]➞[7]  Some[7] Finding site➞[6]  Concept[6] Atrial structure (body structure)   Concept[5] Atrial arrhythmia (disorder)   ⦙105::ACTIVE 2014-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | IS-A |
| review: |  |

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| 54097007 | [White blood cell disorder (disorder)]➞(Has definitional manifestation)➞  [White blood cell finding (finding)] |
| stated: | Root[0]➞[8]  Sufficient[8]➞[7]  And[7]➞[4, 6, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] White blood cell finding (finding)   Concept[6] Disorder of immune function (disorder)   Concept[5] Disorder of cellular component of blood (disorder)   ⦙25::ACTIVE 2006-01-31 a:user m:SNOMED CT core module p: development⦙ |
| inferred: | Root[0]➞[8]  Sufficient[8]➞[7]  And[7]➞[4, 6, 5]  Some[4] role group➞[3]  And[3]➞[2]  Some[2] Has definitional manifestation➞[1]  Concept[1] White blood cell finding (finding)   Concept[6] Disorder of immune function (disorder)   Concept[5] Disorder of cellular component of blood (disorder)   ⦙77::ACTIVE 2006-01-31 a:IHTSDO classifier m:SNOMED CT core module p: development⦙ |
| recommendation: | TODO: what if the white blood cell finding is “normal”, how could that be a disorder? |
| review: |  |