

NEMESIS V3 Suggested List – eHistory.07 Environmental/Food Allergies

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eHistory.07 – Environmental/Food Allergies

The code list associated with eHistory.07 (Environmental/Food Allergies) represents a list of values found in **Systematized Nomenclature of Medicine -- Clinical Terms (SNOMED CT)**. The process for gaining access to the SNOMED CT code values is provided below.

Suggested List

The suggested code list for eHistory.07 (Environmental/Food Allergies) is represented by SNOMED CT Clinical Findings or Disorder codes. The term types utilized for the describing environmental/food allergies are preferred terms (PT). There are synonyms for each environmental/food allergy code that can be used to display the allergy “concept”. The specific **94** suggested SNOMED CT codes are listed at the end of this document, beginning on page four.

When the environmental/food allergy suggested list was developed, the primary goal within SNOMED CT was to utilize “Clinical Findings” or “Disorder” codes to identify patient allergies. For consistency in reporting, it is important that Software Developers expanding the list of environmental/food allergies rely on the use of “Clinical Findings” or “Disorder” codes. If an appropriate code cannot be found among these code types, the Software Developer should contact the NEMESIS TAC, who will work with SNOMED to add an appropriate code to the SNOMED standard. The suggested SNOMED CT environmental/food allergies list, available on the NEMESIS download site, provides codes in alphabetical order by description. The list of environmental/food allergy descriptions is also provided below.

Licensed “Suggested Lists”

The U.S. National Library of Medicine provides access to the SNOMED CT code values through the Unified Medical Language System (UMLS). An applicant must accept the terms of the UMLS Metathesaurus License and create a UMLS Terminology Services (UTS) account for access to UMLS datasets and terminology browsers.

More information can be found at: <http://www.nlm.nih.gov/databases/umls.html>.

The NEMSIS TAC may only distribute suggested lists with specific value codes from the UMLS system to entities licensed through the UMLS system. Thus, each software developer must seek licensing and provide proof of licensing before gaining access to all of the pre-defined suggested lists available through the NEMSIS TAC.

The SNOMED CT Concept Identifier codes are the only codes that can be shared publicly in tandem with the concept names. Similar to the other UMLS datasets, the UMLS experts recommend the use of one primary code (e.g. SNOMED - Concept ID) to identify a specific procedure. SNOMED CT allows for multiple similar descriptions /names for the same UMLS identified primary code (concept) which in turn provides a synonym for use. Together the Concept ID and TTY are used to define and identify a specific code and the corresponding description.

Access to “Suggested List” Archive Files

Access to suggested code lists will be provided on a special section of the NEMSIS TAC’s download site. A licensed user will be able to login to the site and download the appropriate archive file (SNOMED CT, RxNorm, ICD-10, etc).

The UMLS license verification service helps determine if the remote user has a license to use and/or distribute certain code sets. If the user does not have a current license, access to the “suggested lists” archive will be denied.

The “suggested list” files will be zipped archives that are automatically created each time one of the licensed code databases is updated in the NEMSIS master data repository.

Viewing and Using the “Suggested List” Archive Files

The downloaded suggested list appears in a pipe-delimited text format. The proper code to utilize is the code with the name of the element and closest to the value description. Please note that the CUI, AUI, and TTY fields are included for reference purposes. These codes allow one to locate the exact code and description in the UMLS Metathesaurus that was selected for inclusion in the suggested list.

The list provides additional fields indicating when a record became active in the NEMSIS TAC’s master data repository as well as the version of the source used for a particular code and description in the suggested list.

Conclusions

By maintaining a single source of these data and making it available internally as well as to our customers, we improve our data quality and consistency. This will reduce reporting errors in data submissions provided it is used as part of our own and our customer's data management best practices.

Unified Medical language System (UMLS) Term Types (TTY)

This is a partial list of Term Types in Source (TTY) from the National Library of Medicine website. The NEMESIS TAC will be using primarily the designated preferred name (PT) and occasionally the hierarchical term (HT) Term Types in its suggested lists. To view the full list of UMLS abbreviations used in data element please visit the National Library of Medicine website:

http://www.nlm.nih.gov/research/umls/knowledge_sources/metathesaurus/release/abbreviations.html .

TTY (Term Type in Source)		TTY (Term Type in Source)	
DN	Display Name	HT	Hierarchical term
DO	Domain	LT	Lower Level Term
ET	Entry term	PT	Designated preferred name
HC	Hierarchical class	RT	Designated related term
HD	Hierarchical descriptor		

SNOMED CT Suggested List for eHistory.07 - Environmental/Food Allergies

The suggested SNOMED CT Environment/Food Allergies descriptions listed below are in alphabetical order based on the Example EMS Descriptor. Please note: the descriptors in italics in the "Example EMS Descriptor" column have the same descriptions as the SNOMED CT code description.

The June 6, 2013 update provides the columns to the right in a light red background to identify examples EMS friendly vocabulary and options for training purposes. The "Example EMS Descriptor" column includes terminology that may be used by the EMS community in place of the official health care data standard description. Please note neither the official code nor description has been changed. The backend code and description remain that of the health care data standard for the element. This is true at the NEMESIS TAC and for EMS software development companies and their products. The EMS terminology is derived from the health care data standard and has not changed the meaning of the description. Where possible a data standard synonym is used. This information may be used for EMS training purposes or implemented in the EMS software used by EMS.

	TTY Code	SNOMED CT Code	SNOMED CT Code Description	NEMESIS Version 3 - Environmental / Food Allergies Explanation of Inclusion or Clarification Clar: Clarification or example of potential use. SYN: The SNOMED CT synonym for the description.	NEMESIS Version 3 - Environmental / Food Allergies Example EMS Descriptor
1	PT	294420000	Alcohol products allergy		<i>Alcohol products allergy</i>
2	PT	418606003	Allergy to almond oil		Almond oil allergy
3	PT	402306009	Allergy to aluminum		Aluminum allergy
4	PT	232347008	Dander (animal) allergy	SYN: Allergy to animal; Animal dander allergy.	Animal dander allergy (1); Allergy to animal (2)
5	PT	403141006	Ant sting		<i>Ant sting</i>
6	PT	419180003	Allergy to aspartame		Aspartame allergy
7	PT	424213003	Allergy to bee venom		Bee venom allergy
8	PT	294434000	Boric acid allergy		<i>Boric acid allergy</i>
9	PT	418344001	Allergy to caffeine		Caffeine allergy
10	PT	420080006	Allergy to carrot		Carrot allergy
11	PT	294318004	Castor oil allergy		Castor oil allergy
12	PT	232346004	Allergy to cat dander		Cat dander allergy
13	PT	300914000	Cheese allergy		<i>Cheese allergy</i>

	TTY Code	SNOMED CT Code	SNOMED CT Code Description	NEMESIS Version 3 - Environmental / Food Allergies Explanation of Inclusion or Clarification	NEMESIS Version 3 - Environmental / Food Allergies Example EMS Descriptor
14	PT	419199007	Allergy to substance	Clar: "Substance" covers many concepts including chemicals, pollen, various insect stings, metal, food, etc. This could be used to indicate allergy to household chemical cleaners.	Chemical/Substance Allergy
15	PT	300912001	Chocolate allergy		<i>Chocolate allergy</i>
16	PT	418397007	Allergy to cinnamon		Cinnamon allergy
17	PT	294169006	Coal tar allergy		<i>Coal tar allergy</i>
18	PT	419814004	Allergy to coconut oil		Coconut oil allergy
19	PT	419573007	Allergy to corn		Corn allergy
20	PT	417982003	Allergy to cosmetic		Cosmetic allergy
21	PT	15911003	Cow's milk protein sensitivity	SYN: Cow's milk allergy.	Cow's milk allergy
22	PT	425525006	Allergy to dairy product		Dairy product allergy
23	PT	419271008	Allergy to dog dander		Dog dander allergy
24	PT	390952000	Dust allergy		<i>Dust allergy</i>
25	PT	418545001	Allergy to dye		Dye allergy
26	PT	91930004	Allergy to eggs		Egg allergy
27	PT	426232007	Environmental allergy		<i>Environmental allergy</i>
28	PT	232348003	Feather allergy		<i>Feather allergy</i>
29	PT	417532002	Allergy to fish		Fish allergy
30	PT	414285001	Food allergy		<i>Food allergy</i>
31	PT	91932007	Allergy to fruit		Fruit allergy
32	PT	414314005	Gastrointestinal food allergy	SYN: Gastrointestinal food sensitivity.	Gastrointestinal food sensitivity
33	PT	418968001	Allergy to gauze		Gauze allergy
34	PT	294847001	Gelatin allergy		<i>Gelatin allergy</i>
35	PT	441831003	Gluten sensitivity		<i>Gluten sensitivity</i>
36	PT	294298002	Glycine allergy		<i>Glycine allergy</i>
37	PT	294238000	Gold allergy		<i>Gold allergy</i>

	TTY Code	SNOMED CT Code	SNOMED CT Code Description	NEMESIS Version 3 - Environmental / Food Allergies Explanation of Inclusion or Clarification	NEMESIS Version 3 - Environmental / Food Allergies Example EMS Descriptor
38	PT	418689008	Allergy to grass pollen	SYN: Allergy to hay.	Grass pollen allergy (1); Hay allergy (2)
39	PT	294741005	Guar gum allergy	Clar: Guam gum is a fiber and used as a laxative. It is also used to treat other medical conditions (diarrhea, diabetes, high cholesterol, and atherosclerosis).	<i>Guar gum allergy</i>
40	PT	307427009	Hornet sting		<i>Hornet sting</i>
41	PT	419063004	Allergy to horse dander		Horse dander allergy
42	PT	232349006	House dust allergy		<i>House dust allergy</i>
43	PT	300916003	Latex allergy		<i>Latex allergy</i>
44	PT	409136006	Allergy to legumes		Legumes allergy
45	PT	293817009	Lithium allergy		<i>Lithium allergy</i>
46	PT	294321002	Lubricant allergy		<i>Lubricant allergy</i>
47	PT	300915004	Metal allergy		<i>Metal allergy</i>
48	PT	419474003	Allergy to mold		Mold Allergy
49	PT	444026000	Multiple environmental allergies		<i>Multiple environmental allergies</i>
50	PT	447961002	Allergy to dietary mushroom		Mushroom allergy
51	PT	419788000	Allergy to nickel		Nickel allergy
52	PT	160244002	No known allergies	SYN: NKA - No known allergies.	NKA - No known allergies
53	PT	91934008	Allergy to nuts	SYN: Nut allergy.	Nut allergy
54	PT	419342009	Allergy to oats		Oats allergy
55	PT	294316000	Olive oil allergy		<i>Olive oil allergy</i>
56	PT	106190000	Allergy	Clar: This option should only be used when no other appropriate choice is found. SYN: Atopic AND/OR hypersensitivity state; Allergic state.	Other allergy (Not Listed) (1); Allergic state (2); Atopic AND/OR hypersensitivity state (3)
57	PT	294324005	Paraffin allergy		<i>Paraffin allergy</i>

	TTY Code	SNOMED CT Code	SNOMED CT Code Description	NEMESIS Version 3 - Environmental / Food Allergies Explanation of Inclusion or Clarification	NEMESIS Version 3 - Environmental / Food Allergies Example EMS Descriptor
58	PT	91935009	Allergy to peanuts		Peanut allergy
59	PT	294317009	Arachis oil allergy	Clar: Peanut oil allergy.	Peanut oil allergy
60	PT	300908007	Perfume allergy		<i>Perfume allergy</i>
61	PT	294619002	Pesticide allergy		<i>Pesticide allergy</i>
62	PT	258155009	Photosensitization due to sun	SYN: Photosensitivity due to sun; Allergy to sunlight.	Photosensitivity due to sun (1); Allergy to sunlight (2)
63	PT	402594000	Allergy to plant		Plant allergy
64	PT	300910009	Allergy to pollen		Pollen allergy
65	PT	432807008	Pollen-food allergy	SYN: Oral allergy syndrome.	<i>Pollen-food allergy</i>
66	PT	417918006	Allergy to pork		Pork allergy
67	PT	419619007	Allergy to potato		Potato allergy
68	PT	418815008	Allergy to red meat		Red meat allergy
69	PT	419412007	Allergy to rubber		Rubber allergy
70	PT	418184004	Allergy to rye		Rye allergy
71	PT	422921000	Allergy to scorpion venom		Scorpion venom allergy
72	PT	91937001	Allergy to seafood	SYN: Seafood allergy.	Seafood allergy
73	PT	444316004	Seasonal allergy		<i>Seasonal allergy</i>
74	PT	419101002	Allergy to seed		Seed allergy
75	PT	300913006	Shellfish allergy		<i>Shellfish allergy</i>
76	PT	419972009	Allergy to shrimp		Shrimp allergy
77	PT	294328008	Silicone allergy		<i>Silicone allergy</i>
78	PT	25868003	Soy protein sensitivity		<i>Soy protein sensitivity</i>
79	PT	427487000	Allergy to spider venom		Spider venom allergy
80	PT	91938006	Allergy to strawberries		Strawberry allergy
81	PT	419421008	Allergy to sulfite based food preservative		Sulfite based food preservative allergy
82	PT	294179008	Sulfur allergy		<i>Sulfur allergy</i>
83	PT	405649006	Tape allergy		<i>Tape allergy</i>

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84	PT	418779002	Allergy to tomato		Tomato allergy
85	PT	293842000	Tryptophan allergy		<i>Tryptophan allergy</i>
86	PT	294923007	Vitamin A allergy		<i>Vitamin A allergy</i>
87	PT	294924001	Vitamin D allergy		<i>Vitamin D allergy</i>
88	PT	294925000	Vitamin K allergy		<i>Vitamin K allergy</i>
89	PT	91940001	Allergy to walnuts		Walnut allergy
90	PT	423058007	Allergy to wasp venom		Wasp venom allergy
91	PT	420174000	Allergy to wheat		Wheat allergy
92	PT	402595004	Allergy to wood		Wood allergy
93	PT	425605001	Allergy to wool		Wool allergy
94	PT	294950002	Zinc allergy		<i>Zinc allergy</i>