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HP_CAFE_AU_LAIT_SPOT, HP_CAFE_AU_LAIT_SPOT
                                                          HP_DECREASED_ACTIVITY_OF_THE_PYRUVATE_DEHYDROGENASE_COMPLEX, HP_DECREASED_ACTIVITY_OF_THE_PYRUVATE_DEHYDROG
                                                          HP_MITOCHONDRIAL_MYOPATHY, HP_MITOCHONDRIAL_MYOPATHY
                                                          HP_INFERTILITY, HP_INFERTILITY
                                                          HP_OPTIC_DISC_PALLOR, HP_OPTIC_DISC_PALLOR
                                                          HP_BRAIN_IMAGING_ABNORMALITY, HP_BRAIN_IMAGING_ABNORMALITY
                                                          HP_LOWER_LIMB_SPASTICITY, HP_LOWER_LIMB_SPASTICITY
                                                          HP_FOCAL_T2_HYPERINTENSE_BRAINSTEM_LESION, HP_FOCAL_T2_HYPERINTENSE_BRAINSTEM_LESION
                                                          HP_MYELODYSPLASIA, HP_MYELODYSPLASIA
                                                          HP_PIGMENTARY_RETINOPATHY, HP_PIGMENTARY_RETINOPATHY
                                                          HP_DEATH_IN_INFANCY, HP_DEATH_IN_INFANCY
                                                          HP_FOCAL_T2_HYPERINTENSE_BASAL_GANGLIA_LESION, HP_FOCAL_T2_HYPERINTENSE_BASAL_GANGLIA_LESION
                                                          HP_ABNORMAL_BRAINSTEM_MRI_SIGNAL_INTENSITY, HP_ABNORMAL_BRAINSTEM_MRI_SIGNAL_INTENSITY
                                                          HP_ABNORMAL_CIRCULATING_CARBOHYDRATE_CONCENTRATION, HP_ABNORMAL_CIRCULATING_CARBOHYDRATE_CONCENTRATION
                                                          HP_ABNORMAL_BASAL_GANGLIA_MRI_SIGNAL_INTENSITY, HP_ABNORMAL_BASAL_GANGLIA_MRI_SIGNAL_INTENSITY
                                                          HP_PROMINENT_NASAL_BRIDGE, HP_PROMINENT_NASAL_BRIDGE
                                                          HP_SLOW_DECREASE_IN_VISUAL_ACUITY, HP_SLOW_DECREASE_IN_VISUAL_ACUITY
                                                          HP_INCREASED_SERUM_PYRUVATE, HP_INCREASED_SERUM_PYRUVATE
                                                          HP_FINGER_SYNDACTYLY, HP_FINGER_SYNDACTYLY
                                                          HP_ABNORMAL_BRONCHUS_MORPHOLOGY, HP_ABNORMAL_BRONCHUS_MORPHOLOGY
                                                          HP_PROXIMAL_TUBULOPATHY, HP_PROXIMAL_TUBULOPATHY
                                                          HP_NAIL_DYSPLASIA, HP_NAIL_DYSPLASIA
                                                          HP_ABNORMAL_MITOCHONDRIA_IN_MUSCLE_TISSUE, HP_ABNORMAL_MITOCHONDRIA_IN_MUSCLE_TISSUE
                                                          HP_CENTROCECAL_SCOTOMA, HP_CENTROCECAL_SCOTOMA
                                                          HP_DEVELOPMENTAL_CATARACT, HP_DEVELOPMENTAL_CATARACT
                                                          HP_LETHARGY, HP_LETHARGY
                                                          HP_SKIN_TAGS, HP_SKIN_TAGS
                                                          HP_RENAL_TUBULAR_DYSFUNCTION, HP_RENAL_TUBULAR_DYSFUNCTION
                                                          HP_CHOREOATHETOSIS, HP_CHOREOATHETOSIS
                                                          HP_OPTIC_NEUROPATHY, HP_OPTIC_NEUROPATHY
                                                          HP_FETAL_DISTRESS, HP_FETAL_DISTRESS
                                                          HP_ABNORMAL_SPERM_MOTILITY, HP_ABNORMAL_SPERM_MOTILITY
                                                          HP_PROGRESSIVE_SPASTIC_PARAPLEGIA, HP_PROGRESSIVE_SPASTIC_PARAPLEGIA
                                                          HP_EMOTIONAL_LABILITY, HP_EMOTIONAL_LABILITY
                                                          HP_PSYCHOMOTOR_RETARDATION, HP_PSYCHOMOTOR_RETARDATION
                                                          HP_ABNORMALITY_OF_HEPATOBILIARY_SYSTEM_PHYSIOLOGY, HP_ABNORMALITY_OF_HEPATOBILIARY_SYSTEM_PHYSIOLOGY
                                                          HP_GENERALIZED_ONSET_MOTOR_SEIZURE, HP_GENERALIZED_ONSET_MOTOR_SEIZURE
                                                          HP_LYMPHOMA, HP_LYMPHOMA
                                                          HP_SPASTIC_PARAPLEGIA, HP_SPASTIC_PARAPLEGIA
                                                          HP_WIDELY_SPACED_TEETH, HP_WIDELY_SPACED_TEETH
                                                          HP_ABNORMAL_CEREBROSPINAL_FLUID_METABOLITE_CONCENTRATION, HP_ABNORMAL_CEREBROSPINAL_FLUID_FLUID_FLUID_FLUID_FLUID_FLUID_FLUID_FLUID_FLUID_FLUID_FLUID_FLUID_FLUID_FLUID_FLUID_FLUID_FLUID_FLUID_FLUID_FLUID_FLUID_FLUID_FLUID
                                                          HP_MALE_INFERTILITY, HP_MALE_INFERTILITY
                                                          HP_ABNORMAL_URINE_PH, HP_ABNORMAL_URINE_PH
                                                         HP_MICROCORNEA, HP_MICROCORNEA
CTIC_ACIDOSIS, HP_LACTIC_ACIDOSIS
                                                          HP_SELF_INJURIOUS_BEHAVIOR, HP_SELF_INJURIOUS_BEHAVIOR
                                                          HP_VERTEBRAL_SEGMENTATION_DEFECT, HP_VERTEBRAL_SEGMENTATION_DEFECT
                                                          HP_PRODUCTIVE_COUGH, HP_PRODUCTIVE_COUGH
                                                          HP_APHASIA, HP_APHASIA
                                                          HP_PERIPHERAL_AXONAL_NEUROPATHY, HP_PERIPHERAL_AXONAL_NEUROPATHY
                                                          HP_PERIPHERAL_AXONAL_DEGENERATION, HP_PERIPHERAL_AXONAL_DEGENERATION
                                                          HP_APLASIA_HYPOPLASIA_OF_THE_EAR, HP_APLASIA_HYPOPLASIA_OF_THE_EAR
                                                          HP_CENTRAL_HYPOVENTILATION, HP_CENTRAL_HYPOVENTILATION
                                                          HP_FACIAL_EDEMA, HP_FACIAL_EDEMA
                                                          HP_HYPERAMMONEMIA, HP_HYPERAMMONEMIA
                                                          HP_ABNORMALITY_OF_THE_PERIVENTRICULAR_WHITE_MATTER, HP_ABNORMALITY_OF_THE_PERIVENTRICULAR_WHITE_MATTER
                                                          HP_MITOCHONDRIAL_RESPIRATORY_CHAIN_DEFECTS, HP_MITOCHONDRIAL_RESPIRATORY_CHAIN_DEFECTS
                                                          HP_ABNORMALITY_OF_THE_FRONTAL_HAIRLINE, HP_ABNORMALITY_OF_THE_FRONTAL_HAIRLINE
                                                          HP_ABNORMAL_FINGERTIP_MORPHOLOGY, HP_ABNORMAL_FINGERTIP_MORPHOLOGY
                                                          HP_AIRWAY_OBSTRUCTION, HP_AIRWAY_OBSTRUCTION
                                                          HP_POLYNEUROPATHY, HP_POLYNEUROPATHY
                                                          HP_HEMOLYTIC_ANEMIA, HP_HEMOLYTIC_ANEMIA
                                                          HP_METABOLIC_ACIDOSIS, HP_METABOLIC_ACIDOSIS
                                                          HP_AUTOIMMUNITY, HP_AUTOIMMUNITY
                                                          HP_HYPOTHERMIA, HP_HYPOTHERMIA
                                                          HP_METAPHYSEAL_WIDENING, HP_METAPHYSEAL_WIDENING
                                                          HP_DECREASED_ACTIVITY_OF_MITOCHONDRIAL_COMPLEX_IV, HP_DECREASED_ACTIVITY_OF_MITOCHONDRIAL_COMPLEX_IV
                                                          HP_WIDE_MOUTH, HP_WIDE_MOUTH
                                                          HP_2_3_TOE_SYNDACTYLY, HP_2_3_TOE_SYNDACTYLY
                                                          HP_WIDENED_SUBARACHNOID_SPACE, HP_WIDENED_SUBARACHNOID_SPACE
                                                          HP_TRIPHALANGEAL_THUMB, HP_TRIPHALANGEAL_THUMB
                                                          HP_LEBER_OPTIC_ATROPHY, HP_LEBER_OPTIC_ATROPHY
                                                          HP_TRIANGULAR_SHAPED_PHALANGES_OF_THE_HAND, HP_TRIANGULAR_SHAPED_PHALANGES_OF_THE_HAND
                                                          HP_NEOPLASM_OF_THE_PANCREAS, HP_NEOPLASM_OF_THE_PANCREAS
                                                          HP_MYOCLONIC_SEIZURE, HP_MYOCLONIC_SEIZURE
                                                          HP_GAIT_ATAXIA, HP_GAIT_ATAXIA
                                                          HP_DOWNTURNED_CORNERS_OF_MOUTH, HP_DOWNTURNED_CORNERS_OF_MOUTH
                                                          HP_HIGHLY_ARCHED_EYEBROW, HP_HIGHLY_ARCHED_EYEBROW
                                                          HP_ABNORMAL_SOCIAL_BEHAVIOR, HP_ABNORMAL_SOCIAL_BEHAVIOR
                                                          HP_PLATYSPONDYLY, HP_PLATYSPONDYLY
                                                          HP_WEBBED_NECK, HP_WEBBED_NECK
                                                          HP_ABNORMAL_NIPPLE_MORPHOLOGY, HP_ABNORMAL_NIPPLE_MORPHOLOGY
                                                          HP_PROGRESSIVE_CEREBELLAR_ATAXIA, HP_PROGRESSIVE_CEREBELLAR_ATAXIA
                                                          HP_RECURRENT_BACTERIAL_INFECTIONS, HP_RECURRENT_BACTERIAL_INFECTIONS
                                                          HP_SEVERE_GLOBAL_DEVELOPMENTAL_DELAY, HP_SEVERE_GLOBAL_DEVELOPMENTAL_DELAY
                                                          HP_RECURRENT_SINUSITIS, HP_RECURRENT_SINUSITIS
                                                          HP_LIPID_ACCUMULATION_IN_HEPATOCYTES, HP_LIPID_ACCUMULATION_IN_HEPATOCYTES
                                                          HP_ABNORMALITY_OF_THE_LYMPH_NODES, HP_ABNORMALITY_OF_THE_LYMPH_NODES
                                                          HP_HYPOGONADOTROPIC_HYPOGONADISM, HP_HYPOGONADOTROPIC_HYPOGONADISM
                                                          HP_BONE_MARROW_HYPOCELLULARITY, HP_BONE_MARROW_HYPOCELLULARITY
                                                          HP_SPARSE_BODY_HAIR, HP_SPARSE_BODY_HAIR
                                                          HP_ERYTHEMA, HP_ERYTHEMA
                                                          HP_ABNORMAL_LYMPHOCYTE_MORPHOLOGY, HP_ABNORMAL_LYMPHOCYTE_MORPHOLOGY
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HP_INCREASED_SERUM_LACTATE, HP_INCREASED_SERUM_LACTATE

HP_INCREASED_CSF_LACTATE, HP_INCREASED_CSF_LACTATE

HP_APLASIA_OF_THE_FINGERS, HP_APLASIA_OF_THE_FINGERS

HP SIDEROBLASTIC ANEMIA, HP SIDEROBLASTIC ANEMIA

HP_ORGANIC_ACIDURIA, HP_ORGANIC_ACIDURIA

HP_LEUKODYSTROPHY, HP_LEUKODYSTROPHY

HP_ABNORMALITY_OF_THE_MITOCHONDRION, HP_ABNORMALITY_OF_THE_MITOCHONDRION

HP_ABNORMAL_CSF_METABOLITE_LEVEL, HP_ABNORMAL_CSF_METABOLITE_LEVEL

HP_ABNORMAL_ACTIVITY_OF_MITOCHONDRIAL_RESPIRATORY_CHAIN, HP_ABNORMAL_ACTIVITY_OF_MITOCHONDRIAL_RESPIRATORY_C

HP_MUSCLE_ABNORMALITY_RELATED_TO_MITOCHONDRIAL_DYSFUNCTION, HP_MUSCLE_ABNORMALITY_RELATED_TO_MITOCHONDRIA

HP_DECREASED_ACTIVITY_OF_MITOCHONDRIAL_COMPLEX_I, HP_DECREASED_ACTIVITY_OF_MITOCHONDRIAL_COMPLEX_I