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HP_SLOPING_FOREHEAD, HP_SLOPING_FOREHEAD
                                                           HP_LACTIC_ACIDOSIS, HP_LACTIC_ACIDOSIS
                                                           HP_ABNORMALITY_OF_THE_MITOCHONDRION, HP_ABNORMALITY_OF_THE_MITOCHONDRION
                                                          HP_LOWER_LIMB_SPASTICITY, HP_LOWER_LIMB_SPASTICITY
                                                          HP_INFERTILITY, HP_INFERTILITY
                                                          HP_MYELODYSPLASIA, HP_MYELODYSPLASIA
                                                          HP_ABNORMAL_GLIAL_CELL_MORPHOLOGY, HP_ABNORMAL_GLIAL_CELL_MORPHOLOGY
                                                          HP_ABNORMAL_SPUTUM, HP_ABNORMAL_SPUTUM
                                                          HP_ABNORMAL_ACTIVITY_OF_MITOCHONDRIAL_RESPIRATORY_CHAIN, HP_ABNORMAL_ACTIVITY_OF_MITOCHONDRIAL_RESPIRATORY_CHA
                                                          HP_LEUKODYSTROPHY, HP_LEUKODYSTROPHY
                                                          HP_DECREASED_ACTIVITY_OF_MITOCHONDRIAL_COMPLEX_I, HP_DECREASED_ACTIVITY_OF_MITOCHONDRIAL_COMPLEX_I
                                                          HP_SMOOTH_PHILTRUM, HP_SMOOTH_PHILTRUM
                                                          HP_MITOCHONDRIAL_RESPIRATORY_CHAIN_DEFECTS, HP_MITOCHONDRIAL_RESPIRATORY_CHAIN_DEFECTS
                                                          HP_ABNORMAL_CIRCULATING_CARBOHYDRATE_CONCENTRATION, HP_ABNORMAL_CIRCULATING_CARBOHYDRATE_CONCENTRATION
                                                          HP_LEUKEMIA, HP_LEUKEMIA
                                                          HP_PIGMENTARY_RETINOPATHY, HP_PIGMENTARY_RETINOPATHY
                                                          HP_CAFE_AU_LAIT_SPOT, HP_CAFE_AU_LAIT_SPOT
                                                          HP_PSYCHOTIC_MENTATION, HP_PSYCHOTIC_MENTATION
                                                          HP_GLOBAL_BRAIN_ATROPHY, HP_GLOBAL_BRAIN_ATROPHY
                                                          HP_ACUTE_LEUKEMIA, HP_ACUTE_LEUKEMIA
                                                          HP_APLASIA_HYPOPLASIA_OF_THE_SKIN, HP_APLASIA_HYPOPLASIA_OF_THE_SKIN
                                                           HP_SANDAL_GAP, HP_SANDAL_GAP
                                                          HP_ABNORMALITY_OF_HEPATOBILIARY_SYSTEM_PHYSIOLOGY, HP_ABNORMALITY_OF_HEPATOBILIARY_SYSTEM_PHYSIOLOGY
                                                          HP_HYPERMELANOTIC_MACULE, HP_HYPERMELANOTIC_MACULE
                                                           HP_ABNORMAL_BRONCHUS_MORPHOLOGY, HP_ABNORMAL_BRONCHUS_MORPHOLOGY
                                                           HP_BRAIN_IMAGING_ABNORMALITY, HP_BRAIN_IMAGING_ABNORMALITY
                                                           HP_RETINAL_DETACHMENT, HP_RETINAL_DETACHMENT
                                                           HP_ABNORMAL_THALAMIC_MRI_SIGNAL_INTENSITY, HP_ABNORMAL_THALAMIC_MRI_SIGNAL_INTENSITY
                                                           HP_ENLARGED_POSTERIOR_FOSSA, HP_ENLARGED_POSTERIOR_FOSSA
                                                           HP_SPASTIC_PARAPLEGIA, HP_SPASTIC_PARAPLEGIA
                                                           HP_ABNORMALITY_OF_THE_PERIVENTRICULAR_WHITE_MATTER, HP_ABNORMALITY_OF_THE_PERIVENTRICULAR_WHITE_MATTER
                                                           HP_ABNORMAL_SPEECH_PROSODY, HP_ABNORMAL_SPEECH_PROSODY
                                                          HP_GLIOSIS, HP_GLIOSIS
                                                           HP_INCREASED_SERUM_PYRUVATE, HP_INCREASED_SERUM_PYRUVATE
                                                           HP_ABNORMAL_UTERUS_MORPHOLOGY, HP_ABNORMAL_UTERUS_MORPHOLOGY
                                                           HP_HEMIPARESIS, HP_HEMIPARESIS
                                                           HP_ACUTE_MYELOID_LEUKEMIA, HP_ACUTE_MYELOID_LEUKEMIA
                                                           HP_GASTROINTESTINAL_CARCINOMA, HP_GASTROINTESTINAL_CARCINOMA
                                                          HP_DEATH_IN_INFANCY, HP_DEATH_IN_INFANCY
                                                          HP DELAYED MYELINATION, HP DELAYED MYELINATION
                                                           HP_ABNORMAL_CIRCULATING_SERINE_FAMILY_AMINO_ACID_CONCENTRATION, HP_ABNORMAL_CIRCULATING_SERINE_FAMILY_AMINO_AC
                                                          HP_ABNORMAL_NASAL_MUCOSA_MORPHOLOGY, HP_ABNORMAL_NASAL_MUCOSA_MORPHOLOGY
                                                          HP_HYPERVENTILATION, HP_HYPERVENTILATION
                                                          HP_FOCAL_T2_HYPERINTENSE_BRAINSTEM_LESION, HP_FOCAL_T2_HYPERINTENSE_BRAINSTEM_LESION
                                                          HP_POLYSPLENIA, HP_POLYSPLENIA
                                                           HP_INCREASED_CSF_LACTATE, HP_INCREASED_CSF_LACTATE
                                                          HP_RETINAL_TELANGIECTASIA, HP_RETINAL_TELANGIECTASIA
                                                          HP_MACULE, HP_MACULE
                                                          HP_TELANGIECTASIA_OF_THE_SKIN, HP_TELANGIECTASIA_OF_THE_SKIN
                                                          HP_TELECANTHUS, HP_TELECANTHUS
D_SERUM_LACTATE, HP_INCREASED_SERUM_LACTATE
                                                           HP_CENTRAL_HYPOTHYROIDISM, HP_CENTRAL_HYPOTHYROIDISM
                                                           HP_NEURONAL_LOSS_IN_BASAL_GANGLIA, HP_NEURONAL_LOSS_IN_BASAL_GANGLIA
                                                           HP_TRANSPOSITION_OF_THE_GREAT_ARTERIES, HP_TRANSPOSITION_OF_THE_GREAT_ARTERIES
                                                           HP_ABNORMAL_CSF_METABOLITE_LEVEL, HP_ABNORMAL_CSF_METABOLITE_LEVEL
                                                           HP_ECTRODACTYLY, HP_ECTRODACTYLY
                                                           HP_ABNORMALITY_OF_THALAMUS_MORPHOLOGY, HP_ABNORMALITY_OF_THALAMUS_MORPHOLOGY
                                                           HP_DECREASED_ACTIVITY_OF_THE_PYRUVATE_DEHYDROGENASE_COMPLEX, HP_DECREASED_ACTIVITY_OF_THE_PYRUVATE_DEHYDROGENA
                                                           HP_HIGHLY_ARCHED_EYEBROW, HP_HIGHLY_ARCHED_EYEBROW
                                                           HP_PROXIMAL_RENAL_TUBULAR_ACIDOSIS, HP_PROXIMAL_RENAL_TUBULAR_ACIDOSIS
                                                           HP_ABNORMAL_SOCIAL_BEHAVIOR, HP_ABNORMAL_SOCIAL_BEHAVIOR
                                                           HP_RETINAL_VASCULAR_TORTUOSITY, HP_RETINAL_VASCULAR_TORTUOSITY
                                                           HP_MALE_INFERTILITY, HP_MALE_INFERTILITY
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HP_PRENATAL_MATERNAL_ABNORMALITY, HP_PRENATAL_MATERNAL_ABNORMALITY

- HP_BULBOUS_NOSE, HP_BULBOUS_NOSE
- HP_VENTRICULAR_ARRHYTHMIA, HP_VENTRICULAR_ARRHYTHMIA
- HP_ABNORMAL_SPERM_MOTILITY, HP_ABNORMAL_SPERM_MOTILITY
- HP_AIRWAY_OBSTRUCTION, HP_AIRWAY_OBSTRUCTION
- HP_RECURRENT_MYCOBACTERIAL_INFECTIONS, HP_RECURRENT_MYCOBACTERIAL_INFECTIONS
- HP_ABNORMALITY_OF_THE_LYMPH_NODES, HP_ABNORMALITY_OF_THE_LYMPH_NODES
- HP_PROMINENT_NOSE, HP_PROMINENT_NOSE
- HP_MITOCHONDRIAL_MYOPATHY, HP_MITOCHONDRIAL_MYOPATHY
- HP_HEMOPTYSIS, HP_HEMOPTYSIS
- HP_IRREGULAR_HYPERPIGMENTATION, HP_IRREGULAR_HYPERPIGMENTATION
- HP_LIPID_ACCUMULATION_IN_HEPATOCYTES, HP_LIPID_ACCUMULATION_IN_HEPATOCYTES

HP_FEMALE_REPRODUCTIVE_SYSTEM_NEOPLASM, HP_FEMALE_REPRODUCTIVE_SYSTEM_NEOPLASM

- HP_MULTIFACTORIAL_INHERITANCE, HP_MULTIFACTORIAL_INHERITANCE
- HP_SLOW_DECREASE_IN_VISUAL_ACUITY, HP_SLOW_DECREASE_IN_VISUAL_ACUITY
- HP_EEG_WITH_SPIKE_WAVE_COMPLEXES, HP_EEG_WITH_SPIKE_WAVE_COMPLEXES
- HP_COUGH, HP_COUGH
- HP_POSTAXIAL_HAND_POLYDACTYLY, HP_POSTAXIAL_HAND_POLYDACTYLY
- HP_HEPATIC_FAILURE, HP_HEPATIC_FAILURE
- HP_APLASIA_HYPOPLASIA_OF_THE_SPLEEN, HP_APLASIA_HYPOPLASIA_OF_THE_SPLEEN HP_GRAY_MATTER_HETEROTOPIA, HP_GRAY_MATTER_HETEROTOPIA
- HP_SOMATIC_MUTATION, HP_SOMATIC_MUTATION
- HP_GENITAL_NEOPLASM, HP_GENITAL_NEOPLASM
- HP_FETAL_ULTRASOUND_SOFT_MARKER, HP_FETAL_ULTRASOUND_SOFT_MARKER
- HP_SPARSE_BODY_HAIR, HP_SPARSE_BODY_HAIR
- HP_PSYCHOMOTOR_RETARDATION, HP_PSYCHOMOTOR_RETARDATION
- HP_RENAL_TUBULAR_ACIDOSIS, HP_RENAL_TUBULAR_ACIDOSIS
- HP_OPTIC_DISC_PALLOR, HP_OPTIC_DISC_PALLOR
- HP_HIRSUTISM, HP_HIRSUTISM
- HP_DECREASED_FERTILITY_IN_FEMALES, HP_DECREASED_FERTILITY_IN_FEMALES
- HP_HYPERAMMONEMIA, HP_HYPERAMMONEMIA
- HP_ABNORMAL_CIRCULATING_GLYCINE_CONCENTRATION, HP_ABNORMAL_CIRCULATING_GLYCINE_CONCENTRATION
- HP_MUSCLE_ABNORMALITY_RELATED_TO_MITOCHONDRIAL_DYSFUNCTION, HP_MUSCLE_ABNORMALITY_RELATED_TO_MITOCHONDRIAL_D
- HP_METABOLIC_ACIDOSIS, HP_METABOLIC_ACIDOSIS
- HP_3_METHYLGLUTACONIC_ACIDURIA, HP_3_METHYLGLUTACONIC_ACIDURIA HP_JOINT_HYPERFLEXIBILITY, HP_JOINT_HYPERFLEXIBILITY
- HP_ABNORMAL_URINE_CARBOXYLIC_ACID_LEVEL, HP_ABNORMAL_URINE_CARBOXYLIC_ACID_LEVEL
- HP_ABNORMALITY_OF_CORNEAL_THICKNESS, HP_ABNORMALITY_OF_CORNEAL_THICKNESS
- HP_ABNORMAL_CIRCULATING_AMINO_ACID_CONCENTRATION, HP_ABNORMAL_CIRCULATING_AMINO_ACID_CONCENTRATION