

http://www.ncbi.nlm.nih.gov/medgen/113099
http://www.ncbi.nlm.nih.gov/medgen/226944
https://pmc.ncbi.nlm.nih.gov/articles/PMC505202/
https://medlineplus.gov/genetics/condition/klinefelter-syndrome/?utm_source=chatgpt.co
https://www.nhs.uk/conditions/turner-syndrome/?utm_source=chatgpt.co
https://medlineplus.gov/download/genetics/condition/deafness-and-myopia-syndrome.pdf
https://medlineplus.gov/download/genetics/condition/yuan-harel-lupski-syndrome.pdf
https://medlineplus.gov/downsyndrome.html
https://medlineplus.gov/geneticdisorders.html
https://medlineplus.gov/genetics/condition-c/
https://medlineplus.gov/genetics/condition/10q26-deletion-syndrome/
https://medlineplus.gov/genetics/condition/15q11-q13-duplication-syndrome/
https://medlineplus.gov/genetics/condition/15q133-microdeletion/
https://medlineplus.gov/genetics/condition/15q24-microdeletion/
https://medlineplus.gov/genetics/condition/16p112-deletion-syndrome/
https://medlineplus.gov/genetics/condition/16p112-duplication/
https://medlineplus.gov/genetics/condition/16p122-microdeletion/
https://medlineplus.gov/genetics/condition/17-alpha-hydroxylase-17-20-lyase-deficiency/
https://medlineplus.gov/genetics/condition/17-beta-hydroxysteroid-dehydrogenase-3-deficiency/
https://medlineplus.gov/genetics/condition/17q12-duplication/
https://medlineplus.gov/genetics/condition/19p1313-deletion-syndrome/
https://medlineplus.gov/genetics/condition/1p36-deletion-syndrome/
https://medlineplus.gov/genetics/condition/1q211-microdeletion/
https://medlineplus.gov/genetics/condition/21-hydroxylase-deficiency/
https://medlineplus.gov/genetics/condition/22q112-deletion-syndrome/
https://medlineplus.gov/genetics/condition/22q112-duplication/
https://medlineplus.gov/genetics/condition/22q133-deletion-syndrome/

https://medlineplus.gov/genetics/condition/2q37-deletion-syndrome/
https://medlineplus.gov/genetics/condition/3-beta-hydroxysteroid-dehydrogenase-deficiency/
https://medlineplus.gov/genetics/condition/3-hydroxyacyl-coa-dehydrogenase-deficiency/
https://medlineplus.gov/genetics/condition/3-m-syndrome/
https://medlineplus.gov/genetics/condition/3mc-syndrome/
https://medlineplus.gov/genetics/condition/3p-deletion-syndrome/
https://medlineplus.gov/genetics/condition/3q29-microdeletion-syndrome/
https://medlineplus.gov/genetics/condition/3q29-microduplication-syndrome/
https://medlineplus.gov/genetics/condition/46xx-testicular-difference-of-sex-development/
https://medlineplus.gov/genetics/condition/47xyy-syndrome/
https://medlineplus.gov/genetics/condition/48xxxy-syndrome/
https://medlineplus.gov/genetics/condition/49xxxxy-syndrome/
https://medlineplus.gov/genetics/condition/5-alpha-reductase-deficiency/
https://medlineplus.gov/genetics/condition/5q-minus-syndrome/
https://medlineplus.gov/genetics/condition/5q313-microdeletion-syndrome/
https://medlineplus.gov/genetics/condition/6q24-related-transient-neonatal-diabetes-mellitus/
https://medlineplus.gov/genetics/condition/7q1123-duplication-syndrome/
https://medlineplus.gov/genetics/condition/8p11-myeloproliferative-syndrome/
https://medlineplus.gov/genetics/condition/9q223-microdeletion/
https://medlineplus.gov/genetics/condition/aarskog-scott-syndrome/
https://medlineplus.gov/genetics/condition/abdominal-wall-defect/
https://medlineplus.gov/genetics/condition/abetalipoproteinemia/
https://medlineplus.gov/genetics/condition/acad9-deficiency/
https://medlineplus.gov/genetics/condition/acatalasemia/
https://medlineplus.gov/genetics/condition/aceruloplasminemia/
https://medlineplus.gov/genetics/condition/achondrogenesis/
https://medlineplus.gov/genetics/condition/achondroplasia/
https://medlineplus.gov/genetics/condition/achromatopsia/
https://medlineplus.gov/genetics/condition/acrocallosal-syndrome/

https://medlineplus.gov/genetics/condition/acromicric-dysplasia/
https://medlineplus.gov/genetics/condition/actin-accumulation-myopathy/
https://medlineplus.gov/genetics/condition/action-myoclonus-renal-failure-syndrome/
https://medlineplus.gov/genetics/condition/acute-necrotizing-encephalopathy-type-1/
https://medlineplus.gov/genetics/condition/acute-promyelocytic-leukemia/
https://medlineplus.gov/genetics/condition/adams-oliver-syndrome/
https://medlineplus.gov/genetics/condition/adcy5-related-dyskinesia/
https://medlineplus.gov/genetics/condition/adenine-phosphoribosyltransferase-deficiency/
https://medlineplus.gov/genetics/condition/adenosine-deaminase-2-deficiency/
https://medlineplus.gov/genetics/condition/adenosine-monophosphate-deaminase-deficiency/
https://medlineplus.gov/genetics/condition/adenylosuccinate-lyase-deficiency/
https://medlineplus.gov/genetics/condition/adermatoglyphia/
https://medlineplus.gov/genetics/condition/adiposis-dolorosa/
https://medlineplus.gov/genetics/condition/adnp-syndrome/
https://medlineplus.gov/genetics/condition/adolescent-idiopathic-scoliosis/
https://medlineplus.gov/genetics/condition/adult-onset-leukoencephalopathy-with-axonal-spheroids-and-pigmented-glia/
https://medlineplus.gov/genetics/condition/adult-polyglucosan-body-disease/
https://medlineplus.gov/genetics/condition/african-iron-overload/
https://medlineplus.gov/genetics/condition/age-related-hearing-loss/
https://medlineplus.gov/genetics/condition/age-related-macular-degeneration/
https://medlineplus.gov/genetics/condition/aicardi-goutieres-syndrome/
https://medlineplus.gov/genetics/condition/aicardi-syndrome/
https://medlineplus.gov/genetics/condition/alagille-syndrome/
https://medlineplus.gov/genetics/condition/alcohol-use-disorder/
https://medlineplus.gov/genetics/condition/aldosterone-producing-adenoma/
https://medlineplus.gov/genetics/condition/alexander-disease/

https://medlineplus.gov/genetics/condition/alg1-congenital-disorder-of-glycosylation/
https://medlineplus.gov/genetics/condition/alg12-congenital-disorder-of-glycosylation/
https://medlineplus.gov/genetics/condition/alg6-congenital-disorder-of-glycosylation/
https://medlineplus.gov/genetics/condition/alkaptonuria/
https://medlineplus.gov/genetics/condition/allan-herndon-dudley-syndrome/
https://medlineplus.gov/genetics/condition/alopecia-areata/
https://medlineplus.gov/genetics/condition/alters-huttenlocher-syndrome/
https://medlineplus.gov/genetics/condition/alpha-1-antitrypsin-deficiency/
https://medlineplus.gov/genetics/condition/alpha-mannosidosis/
https://medlineplus.gov/genetics/condition/alpha-methylacyl-coa-racemase-deficiency/
https://medlineplus.gov/genetics/condition/alpha-n-acetylgalactosaminidase-deficiency/
https://medlineplus.gov/genetics/condition/alpha-thalassemia-x-linked-intellectual-disability-syndrome/
https://medlineplus.gov/genetics/condition/alport-syndrome/
https://medlineplus.gov/genetics/condition/alstrom-syndrome/
https://medlineplus.gov/genetics/condition/alternating-hemiplegia-of-childhood/
https://medlineplus.gov/genetics/condition/alveolar-capillary-dysplasia-with-misalignment-of-pulmonary-veins/
https://medlineplus.gov/genetics/condition/alzheimers-disease/
https://medlineplus.gov/genetics/condition/amelogenesis-imperfecta/
https://medlineplus.gov/genetics/condition/aminoacylase-1-deficiency/
https://medlineplus.gov/genetics/condition/amish-lethal-microcephaly/
https://medlineplus.gov/genetics/condition/amyotrophic-lateral-sclerosis/
https://medlineplus.gov/genetics/condition/anauxetic-dysplasia/
https://medlineplus.gov/genetics/condition/andermann-syndrome/
https://medlineplus.gov/genetics/condition/andersen-tawil-syndrome/

https://medlineplus.gov/genetics/condition/androgen-insensitivity-syndrome/
https://medlineplus.gov/genetics/condition/androgenetic-alopecia/
https://medlineplus.gov/genetics/condition/anencephaly/
https://medlineplus.gov/genetics/condition/angelman-syndrome/
https://medlineplus.gov/genetics/condition/anhidrotic-ectodermal-dysplasia-with-immune-deficiency/
https://medlineplus.gov/genetics/condition/aniridia/
https://medlineplus.gov/genetics/condition/ankyloblepharon-ectodermal-defects-cleft-lip-palate-syndrome/
https://medlineplus.gov/genetics/condition/ankylosing-spondylitis/
https://medlineplus.gov/genetics/condition/ankyrin-b-syndrome/
https://medlineplus.gov/genetics/condition/anonychia-congenita/
https://medlineplus.gov/genetics/condition/anophthalmia-microphthalmia-esophageal-atresia-syndrome/
https://medlineplus.gov/genetics/condition/anophthalmia-microphthalmia/
https://medlineplus.gov/genetics/condition/antiphospholipid-syndrome/
https://medlineplus.gov/genetics/condition/arginase-deficiency/
https://medlineplus.gov/genetics/condition/arginine-vasopressin-deficiency/
https://medlineplus.gov/genetics/condition/arginine-vasopressin-resistance/
https://medlineplus.gov/genetics/condition/arginineglycine-amidino-transferase-deficiency/
https://medlineplus.gov/genetics/condition/aromatase-deficiency/
https://medlineplus.gov/genetics/condition/aromatase-excess-syndrome/
https://medlineplus.gov/genetics/condition/aromatic-l-amino-acid-decarboxylase-deficiency/
https://medlineplus.gov/genetics/condition/arrhythmogenic-right-ventricular-cardiomyopathy/
https://medlineplus.gov/genetics/condition/arterial-tortuosity-syndrome/
https://medlineplus.gov/genetics/condition/arts-syndrome/
https://medlineplus.gov/genetics/condition/asparagine-synthetase-deficiency/
https://medlineplus.gov/genetics/condition/aspartylglucosaminuria/
https://medlineplus.gov/genetics/condition/asphyxiating-thoracic-dystrophy/
https://medlineplus.gov/genetics/condition/ataxia-neuropathy-spectrum/

https://medlineplus.gov/genetics/condition/ataxia-pancytopenia-syndrome/
https://medlineplus.gov/genetics/condition/ataxia-telangiectasia/
https://medlineplus.gov/genetics/condition/ataxia-with-oculomotor-apraxia/
https://medlineplus.gov/genetics/condition/ataxia-with-vitamin-e-deficiency/
https://medlineplus.gov/genetics/condition/atelosteogenesis-type-1/
https://medlineplus.gov/genetics/condition/atelosteogenesis-type-2/
https://medlineplus.gov/genetics/condition/atelosteogenesis-type-3/
https://medlineplus.gov/genetics/condition/attention-deficit-hyperactivity-disorder/
https://medlineplus.gov/genetics/condition/atypical-hemolytic-uremic-syndrome/
https://medlineplus.gov/genetics/condition/au-kline-syndrome/
https://medlineplus.gov/genetics/condition/auriculo-condylar-syndrome/
https://medlineplus.gov/genetics/condition/autism-spectrum-disorder/
https://medlineplus.gov/genetics/condition/autoimmune-addison-disease/
https://medlineplus.gov/genetics/condition/autoimmune-lymphoproliferative-syndrome/
https://medlineplus.gov/genetics/condition/autoimmune-polyendocrinopathy-candidiasis-ectodermal-dystrophy/
https://medlineplus.gov/genetics/condition/autosomal-dominant-cerebellar-ataxia-deafness-and-narcolepsy/
https://medlineplus.gov/genetics/condition/autosomal-dominant-congenital-stationary-night-blindness/
https://medlineplus.gov/genetics/condition/autosomal-dominant-epilepsy-with-auditory-features/
https://medlineplus.gov/genetics/condition/autosomal-dominant-hyper-ige-syndrome/
https://medlineplus.gov/genetics/condition/autosomal-dominant-hypocalcemia/
https://medlineplus.gov/genetics/condition/autosomal-dominant-leukodystrophy-with-autonomic-disease/
https://medlineplus.gov/genetics/condition/autosomal-dominant-optic-atrophy-and-cataract/
https://medlineplus.gov/genetics/condition/autosomal-dominant-sleep-related-hypermotor-epilepsy/

https://medlineplus.gov/genetics/condition/autosomal-dominant-tubulointerstitial-kidney-disease-umod/
https://medlineplus.gov/genetics/condition/autosomal-dominant-vitreoretinohemoidopathy/
https://medlineplus.gov/genetics/condition/autosomal-recessive-axonal-neuropathy-with-neuromyotonia/
https://medlineplus.gov/genetics/condition/autosomal-recessive-cerebellar-ataxia-type-1/
https://medlineplus.gov/genetics/condition/autosomal-recessive-congenital-methemoglobinemia/
https://medlineplus.gov/genetics/condition/autosomal-recessive-congenital-stationary-night-blindness/
https://medlineplus.gov/genetics/condition/autosomal-recessive-hypotrichosis/
https://medlineplus.gov/genetics/condition/autosomal-recessive-primary-microcephaly/
https://medlineplus.gov/genetics/condition/autosomal-recessive-spastic-ataxia-of-charlevoix-saguenay/
https://medlineplus.gov/genetics/condition/axenfeld-riege-syndrome/
https://medlineplus.gov/genetics/condition/baller-gerold-syndrome/
https://medlineplus.gov/genetics/condition/bannayan-riley-ruvalcaba-syndrome/
https://medlineplus.gov/genetics/condition/bap1-tumor-predisposition-syndrome/
https://medlineplus.gov/genetics/condition/baraitser-winter-syndrome/
https://medlineplus.gov/genetics/condition/bardet-biedl-syndrome/
https://medlineplus.gov/genetics/condition/bare-lymphocyte-syndrome-type-i/
https://medlineplus.gov/genetics/condition/bare-lymphocyte-syndrome-type-ii/
https://medlineplus.gov/genetics/condition/bart-pumphrey-syndrome/
https://medlineplus.gov/genetics/condition/barth-syndrome/
https://medlineplus.gov/genetics/condition/bartter-syndrome/
https://medlineplus.gov/genetics/condition/beare-stevenson-cutis-gyrata-syndrome/
https://medlineplus.gov/genetics/condition/beckwith-wiedemann-syndrome/
https://medlineplus.gov/genetics/condition/behcet-disease/

https://medlineplus.gov/genetics/condition/benign-essential-blepharospasm/
https://medlineplus.gov/genetics/condition/benign-familial-neonatal-seizures/
https://medlineplus.gov/genetics/condition/benign-recurrent-intrahepatic-cholestasis/
https://medlineplus.gov/genetics/condition/bernard-soulier-syndrome/
https://medlineplus.gov/genetics/condition/beta-ketothiolase-deficiency/
https://medlineplus.gov/genetics/condition/beta-mannosidosis/
https://medlineplus.gov/genetics/condition/beta-propeller-protein-associated-neurodegeneration/
https://medlineplus.gov/genetics/condition/beta-ureidopropionase-deficiency/
https://medlineplus.gov/genetics/condition/bietti-crystalline-dystrophy/
https://medlineplus.gov/genetics/condition/biotin-thiamine-responsive-basal-ganglia-disease/
https://medlineplus.gov/genetics/condition/biotinidase-deficiency/
https://medlineplus.gov/genetics/condition/bipolar-disorder/
https://medlineplus.gov/genetics/condition/birt-hogg-dube-syndrome/
https://medlineplus.gov/genetics/condition/bjornstad-syndrome/
https://medlineplus.gov/genetics/condition/bladder-cancer/
https://medlineplus.gov/genetics/condition/blepharocheilodontic-syndrome/
https://medlineplus.gov/genetics/condition/blepharophimosis-ptosis-and-epicanthus-inversus-syndrome/
https://medlineplus.gov/genetics/condition/bloom-syndrome/
https://medlineplus.gov/genetics/condition/bohring-opitz-syndrome/
https://medlineplus.gov/genetics/condition/boomerang-dysplasia/
https://medlineplus.gov/genetics/condition/bosma-arhinia-microphthalmia-syndrome/
https://medlineplus.gov/genetics/condition/boucher-neuhauser-syndrome/
https://medlineplus.gov/genetics/condition/bowen-conradi-syndrome/
https://medlineplus.gov/genetics/condition/bradyopsia/
https://medlineplus.gov/genetics/condition/brain-lung-thyroid-syndrome/
https://medlineplus.gov/genetics/condition/branchio-oculo-facial-syndrome/

<https://medlineplus.gov/genetics/condition/branchiootorenal-branchiootic-syndrome/>

<https://medlineplus.gov/genetics/condition/brody-myopathy/>

<https://medlineplus.gov/genetics/condition/brugada-syndrome/>

<https://medlineplus.gov/genetics/condition/burn-mckeown-syndrome/>

<https://medlineplus.gov/genetics/condition/buschke-ollendorff-syndrome/>

<https://medlineplus.gov/genetics/condition/c3-glomerulopathy/>

<https://medlineplus.gov/genetics/condition/caffey-disease/>

<https://medlineplus.gov/genetics/condition/campomelic-dysplasia/>

<https://medlineplus.gov/genetics/condition/camurati-engelmann-disease/>

<https://medlineplus.gov/genetics/condition/canavan-disease/>

<https://medlineplus.gov/genetics/condition/cantu-syndrome/>

<https://medlineplus.gov/genetics/condition/cap-myopathy/>

<https://medlineplus.gov/genetics/condition/capillary-malformation-arteriovenous-malformation-syndrome/>

<https://medlineplus.gov/genetics/condition/carbonic-anhydrase-va-deficiency/>

<https://medlineplus.gov/genetics/condition/cardiofaciocutaneous-syndrome/>

<https://medlineplus.gov/genetics/condition/carney-complex/>

<https://medlineplus.gov/genetics/condition/carpal-tunnel-syndrome/>

<https://medlineplus.gov/genetics/condition/carpenter-syndrome/>

<https://medlineplus.gov/genetics/condition/cartilage-hair-hypoplasia/>

<https://medlineplus.gov/genetics/condition/cask-related-intellectual-disability/>

<https://medlineplus.gov/genetics/condition/catecholaminergic-polymorphic-ventricular-tachycardia/>

<https://medlineplus.gov/genetics/condition/catsper1-related-nonsyndromic-male-infertility/>

<https://medlineplus.gov/genetics/condition/caudal-regression-syndrome/>

<https://medlineplus.gov/genetics/condition/cav3-related-distal-myopathy/>

<https://medlineplus.gov/genetics/condition/cdkl5-deficiency-disorder/>

<https://medlineplus.gov/genetics/condition/celiac-disease/>

https://medlineplus.gov/genetics/condition/central-core-disease/
https://medlineplus.gov/genetics/condition/central-precocious-puberty/
https://medlineplus.gov/genetics/condition/centronuclear-myopathy/
https://medlineplus.gov/genetics/condition/cerebral-autosomal-dominant-arteriopathy-with-subcortical-infarcts-and-leukoencephalopathy/
https://medlineplus.gov/genetics/condition/cerebral-autosomal-recessive-arteriopathy-with-subcortical-infarcts-and-leukoencephalopathy/
https://medlineplus.gov/genetics/condition/cerebral-cavernous-malformation/
https://medlineplus.gov/genetics/condition/cerebral-folate-transport-deficiency/
https://medlineplus.gov/genetics/condition/cerebro-facio-thoracic-dysplasia/
https://medlineplus.gov/genetics/condition/cerebrotendinous-xanthomatosis/
https://medlineplus.gov/genetics/condition/chanarin-dorfman-syndrome/
https://medlineplus.gov/genetics/condition/channelopathy-associated-congenital-insensitivity-to-pain/
https://medlineplus.gov/genetics/condition/char-syndrome/
https://medlineplus.gov/genetics/condition/charcot-marie-tooth-disease/
https://medlineplus.gov/genetics/condition/charge-syndrome/
https://medlineplus.gov/genetics/condition/chd2-myoclonic-encephalopathy/
https://medlineplus.gov/genetics/condition/chediak-higashi-syndrome/
https://medlineplus.gov/genetics/condition/cherubism/
https://medlineplus.gov/genetics/condition/child-syndrome/
https://medlineplus.gov/genetics/condition/childhood-absence-epilepsy/
https://medlineplus.gov/genetics/condition/childhood-myocerebrohepatopathy-spectrum/
https://medlineplus.gov/genetics/condition/chmp2b-related-frontotemporal-dementia/
https://medlineplus.gov/genetics/condition/cholangiocarcinoma/
https://medlineplus.gov/genetics/condition/chops-syndrome/
https://medlineplus.gov/genetics/condition/chordoma/
https://medlineplus.gov/genetics/condition/chorea-acanthocytosis/
https://medlineplus.gov/genetics/condition/choroideremia/
https://medlineplus.gov/genetics/condition/christianson-syndrome/

<https://medlineplus.gov/genetics/condition/chronic-atrial-and-intestinal-dysrhythmia/>

<https://medlineplus.gov/genetics/condition/chst3-related-skeletal-dysplasia/>

<https://medlineplus.gov/genetics/condition/chylomicron-retention-disease/>

<https://medlineplus.gov/genetics/condition/clcn2-related-leukoencephalopathy/>

<https://medlineplus.gov/genetics/condition/cln1-disease/>

<https://medlineplus.gov/genetics/condition/cln10-disease/>

<https://medlineplus.gov/genetics/condition/cln11-disease/>

<https://medlineplus.gov/genetics/condition/cln2-disease/>

<https://medlineplus.gov/genetics/condition/cln4-disease/>

<https://medlineplus.gov/genetics/condition/cln5-disease/>

<https://medlineplus.gov/genetics/condition/cln6-disease/>

<https://medlineplus.gov/genetics/condition/cln7-disease/>

<https://medlineplus.gov/genetics/condition/cln8-disease/>

<https://medlineplus.gov/genetics/condition/clopidogrel-resistance/>

<https://medlineplus.gov/genetics/condition/clouston-syndrome/>

<https://medlineplus.gov/genetics/condition/clpb-deficiency/>

<https://medlineplus.gov/genetics/condition/coats-plus-syndrome/>

<https://medlineplus.gov/genetics/condition/cockayne-syndrome/>

<https://medlineplus.gov/genetics/condition/coffin-lowry-syndrome/>

<https://medlineplus.gov/genetics/condition/coffin-siris-syndrome/>

<https://medlineplus.gov/genetics/condition/cog5-congenital-disorder-of-glycosylation/>

<https://medlineplus.gov/genetics/condition/cohen-syndrome/>

<https://medlineplus.gov/genetics/condition/col4a1-related-brain-small-vessel-disease/>

<https://medlineplus.gov/genetics/condition/cold-induced-sweating-syndrome/>

<https://medlineplus.gov/genetics/condition/cole-disease/>

<https://medlineplus.gov/genetics/condition/collagen-vi-related-myopathy/>

https://medlineplus.gov/genetics/condition/coloboma/
https://medlineplus.gov/genetics/condition/combined-malonic-and-methylmalonic-aciduria/
https://medlineplus.gov/genetics/condition/combined-oxidative-phosphorylation-deficiency-1/
https://medlineplus.gov/genetics/condition/combined-pituitary-hormone-deficiency/
https://medlineplus.gov/genetics/condition/common-variable-immune-deficiency/
https://medlineplus.gov/genetics/condition/complement-component-2-deficiency/
https://medlineplus.gov/genetics/condition/complement-component-8-deficiency/
https://medlineplus.gov/genetics/condition/complete-lcat-deficiency/
https://medlineplus.gov/genetics/condition/complete-plasminogen-activator-inhibitor-1-deficiency/
https://medlineplus.gov/genetics/condition/cone-rod-dystrophy/
https://medlineplus.gov/genetics/condition/congenital-adrenal-hyperplasia-due-to-11-beta-hydroxylase-deficiency/
https://medlineplus.gov/genetics/condition/congenital-afibrinogenemia/
https://medlineplus.gov/genetics/condition/congenital-anomalies-of-kidney-and-urinary-tract/
https://medlineplus.gov/genetics/condition/congenital-bilateral-absence-of-the-vas-deferens/
https://medlineplus.gov/genetics/condition/congenital-bile-acid-synthesis-defect-type-1/
https://medlineplus.gov/genetics/condition/congenital-bile-acid-synthesis-defect-type-2/
https://medlineplus.gov/genetics/condition/congenital-cataracts-facial-dysmorphism-and-neuropathy/
https://medlineplus.gov/genetics/condition/congenital-central-hypoventilation-syndrome/
https://medlineplus.gov/genetics/condition/congenital-contractural-arachnoidopathy/
https://medlineplus.gov/genetics/condition/congenital-deafness-with-labyrinthine-aplasia-microtia-and-microdontia/

https://medlineplus.gov/genetics/condition/congenital-diaphragmatic-hernia/
https://medlineplus.gov/genetics/condition/congenital-dyserythropoietic-anemia/
https://medlineplus.gov/genetics/condition/congenital-fiber-type-disproportion/
https://medlineplus.gov/genetics/condition/congenital-generalized-lipodystrophy/
https://medlineplus.gov/genetics/condition/congenital-hepatic-fibrosis/
https://medlineplus.gov/genetics/condition/congenital-hyperinsulinism/
https://medlineplus.gov/genetics/condition/congenital-hypothyroidism/
https://medlineplus.gov/genetics/condition/congenital-insensitivity-to-pain-with-anhidrosis/
https://medlineplus.gov/genetics/condition/congenital-leptin-deficiency/
https://medlineplus.gov/genetics/condition/congenital-mirror-movement-disorder/
https://medlineplus.gov/genetics/condition/congenital-myasthenic-syndrome/
https://medlineplus.gov/genetics/condition/congenital-nephrotic-syndrome/
https://medlineplus.gov/genetics/condition/congenital-plasminogen-deficiency/
https://medlineplus.gov/genetics/condition/congenital-stromal-corneal-dystrophy/
https://medlineplus.gov/genetics/condition/congenital-sucrase-isomaltase-deficiency/
https://medlineplus.gov/genetics/condition/constitutional-mismatch-repair-deficiency-syndrome/
https://medlineplus.gov/genetics/condition/core-binding-factor-acute-myeloid-leukemia/
https://medlineplus.gov/genetics/condition/cornelia-de-lange-syndrome/
https://medlineplus.gov/genetics/condition/corticosteroid-binding-globulin-deficiency/
https://medlineplus.gov/genetics/condition/corticosterone-methyloxidase-deficiency/
https://medlineplus.gov/genetics/condition/costeff-syndrome/
https://medlineplus.gov/genetics/condition/costello-syndrome/
https://medlineplus.gov/genetics/condition/cowden-syndrome/

https://medlineplus.gov/genetics/condition/cranioectodermal-dysplasia/
https://medlineplus.gov/genetics/condition/craniofacial-deafness-hand-syndromel/
https://medlineplus.gov/genetics/condition/craniofacial-microsomia/
https://medlineplus.gov/genetics/condition/craniofrontonasal-syndrome/
https://medlineplus.gov/genetics/condition/craniometaphyseal-dysplasia/
https://medlineplus.gov/genetics/condition/cri-du-chat-syndrome/
https://medlineplus.gov/genetics/condition/crigler-najjar-syndrome/
https://medlineplus.gov/genetics/condition/critical-congenital-heart-disease/
https://medlineplus.gov/genetics/condition/crohns-disease/
https://medlineplus.gov/genetics/condition/crouzon-syndrome-with-acanthosis-nigricans/
https://medlineplus.gov/genetics/condition/crouzon-syndrome/
https://medlineplus.gov/genetics/condition/cryopyrin-associated-periodic-syndromes/
https://medlineplus.gov/genetics/condition/cul3-related-neurodevelopmental-disorder/
https://medlineplus.gov/genetics/condition/cyclic-vomiting-syndrome/
https://medlineplus.gov/genetics/condition/cyld-cutaneous-syndrome/
https://medlineplus.gov/genetics/condition/cystic-fibrosis/
https://medlineplus.gov/genetics/condition/cytochrome-c-oxidase-deficiency/
https://medlineplus.gov/genetics/condition/cytochrome-p450-oxidoreductase-deficiency/
https://medlineplus.gov/genetics/condition/cytogenetically-normal-acute-myeloid-leukemia/
https://medlineplus.gov/genetics/condition/dandy-walker-malformation/
https://medlineplus.gov/genetics/condition/danon-disease/
https://medlineplus.gov/genetics/condition/darier-disease/
https://medlineplus.gov/genetics/condition/deafness-and-myopia-syndrome/
https://medlineplus.gov/genetics/condition/deafness-dystonia-optic-neuropathy-syndrome/
https://medlineplus.gov/genetics/condition/deafness-infertility-syndrome/
https://medlineplus.gov/genetics/condition/dementia-with-lewy-bodies/

https://medlineplus.gov/genetics/condition/dentatorubral-pallidoluysian-atrophy/
https://medlineplus.gov/genetics/condition/denys-drash-syndrome/
https://medlineplus.gov/genetics/condition/deoxyguanosine-kinase-deficiency/
https://medlineplus.gov/genetics/condition/depression/
https://medlineplus.gov/genetics/condition/desmoid-tumor/
https://medlineplus.gov/genetics/condition/developmental-and-epileptic-encephalopathy-1/
https://medlineplus.gov/genetics/condition/diamond-blackfan-anemia/
https://medlineplus.gov/genetics/condition/dicer1-syndrome/
https://medlineplus.gov/genetics/condition/dihydrolipoamide-dehydrogenase-deficiency/
https://medlineplus.gov/genetics/condition/dihydropyrimidine-dehydrogenase-deficiency/
https://medlineplus.gov/genetics/condition/dilated-cardiomyopathy-with-ataxia-syndrome/
https://medlineplus.gov/genetics/condition/distal-18q-deletion-syndrome/
https://medlineplus.gov/genetics/condition/distal-arthrogryposis-type-1/
https://medlineplus.gov/genetics/condition/distal-hereditary-motor-neuropathy-type-ii/
https://medlineplus.gov/genetics/condition/distal-hereditary-motor-neuropathy-type-v/
https://medlineplus.gov/genetics/condition/distal-myopathy-2/
https://medlineplus.gov/genetics/condition/dlg4-related-synaptopathy/
https://medlineplus.gov/genetics/condition/dnmt3a-overgrowth-syndrome/
https://medlineplus.gov/genetics/condition/dock8-immunodeficiency-syndrome/
https://medlineplus.gov/genetics/condition/dolk-congenital-disorder-of-glycosylation/
https://medlineplus.gov/genetics/condition/donnai-barrow-syndrome/
https://medlineplus.gov/genetics/condition/donohue-syndrome/
https://medlineplus.gov/genetics/condition/doors-syndrome/
https://medlineplus.gov/genetics/condition/dopa-responsive-dystonia/

https://medlineplus.gov/genetics/condition/dopamine-transporter-deficiency-syndrome/
https://medlineplus.gov/genetics/condition/down-syndrome/
https://medlineplus.gov/genetics/condition/duane-radial-ray-syndrome/
https://medlineplus.gov/genetics/condition/dubin-johnson-syndrome/
https://medlineplus.gov/genetics/condition/duchenne-and-becker-muscular-dystrophy/
https://medlineplus.gov/genetics/condition/dupuytren-contracture/
https://medlineplus.gov/genetics/condition/dyserythropoietic-anemia-and-thrombocytopenia/
https://medlineplus.gov/genetics/condition/dyskeratosis-congenita/
https://medlineplus.gov/genetics/condition/dystonia-6/
https://medlineplus.gov/genetics/condition/dystrophic-epidermolysis-bullosa/
https://medlineplus.gov/genetics/condition/early-onset-glaucoma/
https://medlineplus.gov/genetics/condition/early-onset-isolated-dystonia/
https://medlineplus.gov/genetics/condition/early-onset-myopathy-with-fatal-cardiomyopathy/
https://medlineplus.gov/genetics/condition/ehlers-danlos-syndrome/
https://medlineplus.gov/genetics/condition/ellis-van-creveld-syndrome/
https://medlineplus.gov/genetics/condition/emanuel-syndrome/
https://medlineplus.gov/genetics/condition/emery-dreifuss-muscular-dystrophy/
https://medlineplus.gov/genetics/condition/encephalocraniocutaneous-lipomatosis/
https://medlineplus.gov/genetics/condition/enlarged-parietal-foramina/
https://medlineplus.gov/genetics/condition/eosinophil-peroxidase-deficiency/
https://medlineplus.gov/genetics/condition/epidermal-nevus/
https://medlineplus.gov/genetics/condition/epidermolysis-bullosa-simplex/
https://medlineplus.gov/genetics/condition/epidermolysis-bullosa-with-pyloric-atresia/
https://medlineplus.gov/genetics/condition/epidermolytic-hyperkeratosis/
https://medlineplus.gov/genetics/condition/epilepsy-aphasia-spectrum/
https://medlineplus.gov/genetics/condition/epilepsy-of-infancy-with-migrating-focal-seizures/

https://medlineplus.gov/genetics/condition/episodic-ataxia/
https://medlineplus.gov/genetics/condition/erdheim-chester-disease/
https://medlineplus.gov/genetics/condition/erythrokeratoderma-variabilis-et-progressiva/
https://medlineplus.gov/genetics/condition/erythromelalgia/
https://medlineplus.gov/genetics/condition/esophageal-atresia-tracheoesophageal-fistula/
https://medlineplus.gov/genetics/condition/essential-pentosuria/
https://medlineplus.gov/genetics/condition/essential-thrombocythemia/
https://medlineplus.gov/genetics/condition/essential-tremor/
https://medlineplus.gov/genetics/condition/ethylmalonic-encephalopathy/
https://medlineplus.gov/genetics/condition/ewing-sarcoma/
https://medlineplus.gov/genetics/condition/fabry-disease/
https://medlineplus.gov/genetics/condition/facioscapulohumeral-muscular-dystrophy/
https://medlineplus.gov/genetics/condition/factor-v-deficiency/
https://medlineplus.gov/genetics/condition/factor-v-leiden-thrombophilia/
https://medlineplus.gov/genetics/condition/factor-vii-deficiency/
https://medlineplus.gov/genetics/condition/factor-x-deficiency/
https://medlineplus.gov/genetics/condition/factor-xi-deficiency/
https://medlineplus.gov/genetics/condition/factor-xiii-deficiency/
https://medlineplus.gov/genetics/condition/familial-acute-myeloid-leukemia-with-mutated-cebpa/
https://medlineplus.gov/genetics/condition/familial-adenomatous-polyposis/
https://medlineplus.gov/genetics/condition/familial-atrial-fibrillation/
https://medlineplus.gov/genetics/condition/familial-candidiasis/
https://medlineplus.gov/genetics/condition/familial-cold-autoinflammatory-syndrome-type-2/
https://medlineplus.gov/genetics/condition/familial-dilated-cardiomyopathy/
https://medlineplus.gov/genetics/condition/familial-dysautonomia/
https://medlineplus.gov/genetics/condition/familial-encephalopathy-with-neuroserpin-inclusion-bodies/
https://medlineplus.gov/genetics/condition/familial-erythrocytosis/

https://medlineplus.gov/genetics/condition/familial-exudative-vitreoretinopathy/
https://medlineplus.gov/genetics/condition/familial-focal-epilepsy-with-variable-foci/
https://medlineplus.gov/genetics/condition/familial-glucocorticoid-deficiency/
https://medlineplus.gov/genetics/condition/familial-hdl-deficiency/
https://medlineplus.gov/genetics/condition/familial-hemiplegic-migraine/
https://medlineplus.gov/genetics/condition/familial-hemophagocytic-lymphohistiocytosis/
https://medlineplus.gov/genetics/condition/familial-hyperaldosteronism/
https://medlineplus.gov/genetics/condition/familial-hypercholesterolemia/
https://medlineplus.gov/genetics/condition/familial-hypertrophic-cardiomyopathy/
https://medlineplus.gov/genetics/condition/familial-hypobetalipoproteinemia/
https://medlineplus.gov/genetics/condition/familial-isolated-hyperparathyroidism/
https://medlineplus.gov/genetics/condition/familial-isolated-pituitary-adenoma/
https://medlineplus.gov/genetics/condition/familial-lipoprotein-lipase-deficiency/
https://medlineplus.gov/genetics/condition/familial-male-limited-precocious-puberty/
https://medlineplus.gov/genetics/condition/familial-mediterranean-fever/
https://medlineplus.gov/genetics/condition/familial-osteochondritis-dissecans/
https://medlineplus.gov/genetics/condition/familial-paroxysmal-kinesigenic-dyskinesia/
https://medlineplus.gov/genetics/condition/familial-paroxysmal-nonkinesigenic-dyskinesia/
https://medlineplus.gov/genetics/condition/familial-partial-lipodystrophy/
https://medlineplus.gov/genetics/condition/familial-pityriasis-rubra-pilaris/
https://medlineplus.gov/genetics/condition/familial-porencephaly/
https://medlineplus.gov/genetics/condition/familial-restrictive-cardiomyopathy/
https://medlineplus.gov/genetics/condition/familial-thoracic-aortic-aneurysm-and-dissection/
https://medlineplus.gov/genetics/condition/fanconi-anemia/
https://medlineplus.gov/genetics/condition/farber-lipogranulomatosis/

https://medlineplus.gov/genetics/condition/farsightedness/
https://medlineplus.gov/genetics/condition/fatty-acid-hydroxylase-associated-neurodegeneration/
https://medlineplus.gov/genetics/condition/fbxl4-related-encephalomyopathic-mitochondrial-dna-depletion-syndrome/
https://medlineplus.gov/genetics/condition/feingold-syndrome/
https://medlineplus.gov/genetics/condition/fg-syndrome/
https://medlineplus.gov/genetics/condition/fibrochondrogenesis/
https://medlineplus.gov/genetics/condition/fibrodysplasia-ossificans-progressive/
https://medlineplus.gov/genetics/condition/fibromyalgia/
https://medlineplus.gov/genetics/condition/fibronectin-glomerulopathy/
https://medlineplus.gov/genetics/condition/floating-harbor-syndrome/
https://medlineplus.gov/genetics/condition/focal-dermal-hypoplasia/
https://medlineplus.gov/genetics/condition/foxg1-syndrome/
https://medlineplus.gov/genetics/condition/foxp2-related-speech-and-language-disorder/
https://medlineplus.gov/genetics/condition/fragile-x-associated-primary-ovarian-insufficiency/
https://medlineplus.gov/genetics/condition/fragile-x-associated-tremor-ataxia-syndrome/
https://medlineplus.gov/genetics/condition/fragile-x-syndrome/
https://medlineplus.gov/genetics/condition/fragile-xe-syndrome/
https://medlineplus.gov/genetics/condition/fraser-syndrome/
https://medlineplus.gov/genetics/condition/frasier-syndrome/
https://medlineplus.gov/genetics/condition/free-sialic-acid-storage-disorder/
https://medlineplus.gov/genetics/condition/freeman-sheldon-syndrome/
https://medlineplus.gov/genetics/condition/friedreich-ataxia/
https://medlineplus.gov/genetics/condition/frontometaphyseal-dysplasia/
https://medlineplus.gov/genetics/condition/frontonasal-dysplasia/
https://medlineplus.gov/genetics/condition/frontotemporal-dementia-with-parkinsonism-17/
https://medlineplus.gov/genetics/condition/fryns-syndrome/

https://medlineplus.gov/genetics/condition/fuchs-endothelial-dystrophy/
https://medlineplus.gov/genetics/condition/fucosidosis/
https://medlineplus.gov/genetics/condition/fukuyama-congenital-muscular-dystrophy/
https://medlineplus.gov/genetics/condition/fumarase-deficiency/
https://medlineplus.gov/genetics/condition/fundus-albipunctatus/
https://medlineplus.gov/genetics/condition/gaba-transaminase-deficiency/
https://medlineplus.gov/genetics/condition/galactosialidosis/
https://medlineplus.gov/genetics/condition/gastrointestinal-stromal-tumor/
https://medlineplus.gov/genetics/condition/gaucher-disease/
https://medlineplus.gov/genetics/condition/geleophysic-dysplasia/
https://medlineplus.gov/genetics/condition/generalized-arterial-calcification-of-infancy/
https://medlineplus.gov/genetics/condition/generalized-pustular-psoriasis/
https://medlineplus.gov/genetics/condition/genetic-epilepsy-with-febrile-seizures-plus/
https://medlineplus.gov/genetics/condition/genitopatellar-syndrome/
https://medlineplus.gov/genetics/condition/gestational-diabetes/
https://medlineplus.gov/genetics/condition/ghosal-hematodiaphyseal-dysplasia/
https://medlineplus.gov/genetics/condition/giant-axonal-neuropathy/
https://medlineplus.gov/genetics/condition/giant-congenital-melanocytic-nevus/
https://medlineplus.gov/genetics/condition/gilbert-syndrome/
https://medlineplus.gov/genetics/condition/gillespie-syndrome/
https://medlineplus.gov/genetics/condition/gitelman-syndrome/
https://medlineplus.gov/genetics/condition/glanzmann-thrombasthenia/
https://medlineplus.gov/genetics/condition/globozoospermia/
https://medlineplus.gov/genetics/condition/glucose-galactose-malabsorption/
https://medlineplus.gov/genetics/condition/glucose-phosphate-isomerase-deficiency/
https://medlineplus.gov/genetics/condition/glut1-deficiency-syndrome/

<https://medlineplus.gov/genetics/condition/glutamate-formiminotransferase-deficiency/>

<https://medlineplus.gov/genetics/condition/glutaric-acidemia-type-ii/>

<https://medlineplus.gov/genetics/condition/glutathione-synthetase-deficiency/>

<https://medlineplus.gov/genetics/condition/glycogen-storage-disease-type-0/>

<https://medlineplus.gov/genetics/condition/glycogen-storage-disease-type-i/>

<https://medlineplus.gov/genetics/condition/glycogen-storage-disease-type-ix/>

<https://medlineplus.gov/genetics/condition/glycogen-storage-disease-type-v/>

<https://medlineplus.gov/genetics/condition/glycogen-storage-disease-type-vii/>

<https://medlineplus.gov/genetics/condition/glycoprotein-vi-deficiency/>

<https://medlineplus.gov/genetics/condition/gm2-activator-deficiency/>

<https://medlineplus.gov/genetics/condition/gm3-synthase-deficiency/>

<https://medlineplus.gov/genetics/condition/gnathodiaphyseal-dysplasia/>

<https://medlineplus.gov/genetics/condition/gne-myopathy/>

<https://medlineplus.gov/genetics/condition/gordon-holmes-syndrome/>

<https://medlineplus.gov/genetics/condition/gorlin-chaudhry-moss-syndrome/>

<https://medlineplus.gov/genetics/condition/gorlin-syndrome/>

<https://medlineplus.gov/genetics/condition/gorlin-syndrome/><https://medlineplus.gov/genetics/condition/cln3-disease/>

<https://medlineplus.gov/genetics/condition/gout/>

<https://medlineplus.gov/genetics/condition/gracile-syndrome/>

<https://medlineplus.gov/genetics/condition/grange-syndrome/>

<https://medlineplus.gov/genetics/condition/granulomatosis-with-polyangiitis/>

<https://medlineplus.gov/genetics/condition/graves-disease/>

<https://medlineplus.gov/genetics/condition/gray-platelet-syndrome/>

<https://medlineplus.gov/genetics/condition/greenberg-dysplasia/>

<https://medlineplus.gov/genetics/condition/greig-cephalopolysyndactyly-syndrome/>

https://medlineplus.gov/genetics/condition/grin2b-related-neurodevelopmental-disorder/
https://medlineplus.gov/genetics/condition/griscelli-syndrome/
https://medlineplus.gov/genetics/condition/grn-related-frontotemporal-lobar-degeneration/
https://medlineplus.gov/genetics/condition/guanidinoacetate-methyltransferase-deficiency/
https://medlineplus.gov/genetics/condition/guillain-barre-syndrome/
https://medlineplus.gov/genetics/condition/gyrate-atrophy-of-the-choroid-and-retina/
https://medlineplus.gov/genetics/condition/hailey-hailey-disease/
https://medlineplus.gov/genetics/condition/hajdu-cheney-syndrome/
https://medlineplus.gov/genetics/condition/hand-foot-genital-syndrome/
https://medlineplus.gov/genetics/condition/harlequin-ichthyosis/
https://medlineplus.gov/genetics/condition/hartnup-disease/
https://medlineplus.gov/genetics/condition/hartsfield-syndrome/
https://medlineplus.gov/genetics/condition/hashimotos-disease/
https://medlineplus.gov/genetics/condition/hennekam-syndrome/
https://medlineplus.gov/genetics/condition/hepatic-lipase-deficiency/
https://medlineplus.gov/genetics/condition/hepatic-veno-occlusive-disease-with-immunodeficiency/
https://medlineplus.gov/genetics/condition/hereditary-angioedema/
https://medlineplus.gov/genetics/condition/hereditary-angiopathy-with-nephropathy-aneurysms-and-muscle-cramps-syndrome/
https://medlineplus.gov/genetics/condition/hereditary-antithrombin-deficiency/
https://medlineplus.gov/genetics/condition/hereditary-cerebral-amyloid-angiopathy/
https://medlineplus.gov/genetics/condition/hereditary-diffuse-gastric-cancer/
https://medlineplus.gov/genetics/condition/hereditary-fibrosing-poikiloderma-with-tendon-contractures-myopathy-and-pulmonary-fibrosis/
https://medlineplus.gov/genetics/condition/hereditary-fructose-intolerance/
https://medlineplus.gov/genetics/condition/hereditary-hemorrhagic-telangiectasia/

https://medlineplus.gov/genetics/condition/hereditary-hyperekplexia/
https://medlineplus.gov/genetics/condition/hereditary-hypophosphatemic-rickets/
https://medlineplus.gov/genetics/condition/hereditary-leiomyomatosis-and-renal-cell-cancer/
https://medlineplus.gov/genetics/condition/hereditary-multiple-osteochondromas/
https://medlineplus.gov/genetics/condition/hereditary-myopathy-with-early-respiratory-failure/
https://medlineplus.gov/genetics/condition/hereditary-neuralgic-amyotrophy/
https://medlineplus.gov/genetics/condition/hereditary-neuropathy-with-liability-to-pressure-palsies/
https://medlineplus.gov/genetics/condition/hereditary-pancreatitis/
https://medlineplus.gov/genetics/condition/hereditary-paraganglioma-pheochromocytoma/
https://medlineplus.gov/genetics/condition/hereditary-sensory-and-autonomic-neuropathy-type-ie/
https://medlineplus.gov/genetics/condition/hereditary-sensory-and-autonomic-neuropathy-type-ii/
https://medlineplus.gov/genetics/condition/hereditary-sensory-and-autonomic-neuropathy-type-v/
https://medlineplus.gov/genetics/condition/hereditary-sensory-neuropathy-type-ia/
https://medlineplus.gov/genetics/condition/hereditary-spherocytosis/
https://medlineplus.gov/genetics/condition/hereditary-xanthinuria/
https://medlineplus.gov/genetics/condition/hermansky-pudlak-syndrome/
https://medlineplus.gov/genetics/condition/heterotaxy-syndrome/
https://medlineplus.gov/genetics/condition/hidradenitis-suppurativa/
https://medlineplus.gov/genetics/condition/hirschsprung-disease/
https://medlineplus.gov/genetics/condition/histiocytosis-lymphadenopathy-plus-syndrome/
https://medlineplus.gov/genetics/condition/hivep2-related-intellectual-disability/
https://medlineplus.gov/genetics/condition/holt-oram-syndrome/

https://medlineplus.gov/genetics/condition/horizontal-gaze-palsy-with-progressive-scoliosis/
https://medlineplus.gov/genetics/condition/horner-syndrome/
https://medlineplus.gov/genetics/condition/hsd10-disease/
https://medlineplus.gov/genetics/condition/huntingtons-disease-like/
https://medlineplus.gov/genetics/condition/huntingtons-disease/
https://medlineplus.gov/genetics/condition/hutchinson-gilford-progeria-syndrome/
https://medlineplus.gov/genetics/condition/hyaline-fibromatosis-syndrome/
https://medlineplus.gov/genetics/condition/hyperferritinemia-cataract-syndrome/
https://medlineplus.gov/genetics/condition/hyperkalemic-periodic-paralysis/
https://medlineplus.gov/genetics/condition/hyperlysinemia/
https://medlineplus.gov/genetics/condition/hpermanganesemia-with-dystonia/
https://medlineplus.gov/genetics/condition/hpermethioninemia/
https://medlineplus.gov/genetics/condition/hyperparathyroidism-jaw-tumor-syndrome/
https://medlineplus.gov/genetics/condition/hyperphosphatemic-familial-tumoral-calcinosis/
https://medlineplus.gov/genetics/condition/hypochondroplasia/
https://medlineplus.gov/genetics/condition/hypochromic-microcytic-anemia-with-iron-overload/
https://medlineplus.gov/genetics/condition/hypohidrotic-ectodermal-dysplasia/
https://medlineplus.gov/genetics/condition/hypokalemic-periodic-paralysis/
https://medlineplus.gov/genetics/condition/hypomagnesemia-with-secondary-hypocalcemia/
https://medlineplus.gov/genetics/condition/hypomyelination-and-congenital-cataract/
https://medlineplus.gov/genetics/condition/hypomyelination-with-brainstem-and-spinal-cord-involvement-and-leg-spasticity/
https://medlineplus.gov/genetics/condition/hystrix-like-ichthyosis-with-deafness/
https://medlineplus.gov/genetics/condition/ichthyosis-with-confetti/
https://medlineplus.gov/genetics/condition/idiopathic-infantile-hypercalcemia/

https://medlineplus.gov/genetics/condition/idiopathic-inflammatory-myopathy/
https://medlineplus.gov/genetics/condition/idiopathic-pulmonary-fibrosis/
https://medlineplus.gov/genetics/condition/image-syndrome/
https://medlineplus.gov/genetics/condition/imerslund-grasbeck-syndrome/
https://medlineplus.gov/genetics/condition/immune-dysregulation-polyendocrinopathy-enteropathy-x-linked-syndrome/
https://medlineplus.gov/genetics/condition/immune-thrombocytopenia/
https://medlineplus.gov/genetics/condition/inclusion-body-myopathy-with-early-onset-paget-disease-and-frontotemporal-dementia/
https://medlineplus.gov/genetics/condition/infantile-neuroaxonal-dystrophy/
https://medlineplus.gov/genetics/condition/infantile-onset-ascending-hereditary-spastic-paralysis/
https://medlineplus.gov/genetics/condition/infantile-onset-spinocerebellar-ataxia/
https://medlineplus.gov/genetics/condition/inherited-thyroxine-binding-globulin-deficiency/
https://medlineplus.gov/genetics/condition/intervertebral-disc-disease/
https://medlineplus.gov/genetics/condition/intestinal-pseudo-obstruction/
https://medlineplus.gov/genetics/condition/intrahepatic-cholestasis-of-pregnancy/
https://medlineplus.gov/genetics/condition/intranuclear-rod-myopathy/
https://medlineplus.gov/genetics/condition/irak-4-deficiency/
https://medlineplus.gov/genetics/condition/iron-refractory-iron-deficiency-anemia/
https://medlineplus.gov/genetics/condition/isobutyryl-coa-dehydrogenase-deficiency/
https://medlineplus.gov/genetics/condition/isolated-congenital-asplenia/
https://medlineplus.gov/genetics/condition/isolated-duane-retraction-syndrome/
https://medlineplus.gov/genetics/condition/isolated-ectopia-lentis/
https://medlineplus.gov/genetics/condition/isolated-growth-hormone-deficiency/

https://medlineplus.gov/genetics/condition/isolated-hyperchlorhidrosis/ https://medlineplus.gov/genetics/condition/noonan-syndrome-with-multiple-lentiginest/
https://medlineplus.gov/genetics/condition/isolated-hyperckemia/
https://medlineplus.gov/genetics/condition/isolated-lissencephaly-sequence/
https://medlineplus.gov/genetics/condition/isolated-pierre-robin-sequence/
https://medlineplus.gov/genetics/condition/isolated-sulfite-oxidase-deficiency/
https://medlineplus.gov/genetics/condition/jackson-weiss-syndrome/
https://medlineplus.gov/genetics/condition/jacobsen-syndrome/
https://medlineplus.gov/genetics/condition/jak3-deficient-severe-combined-immunodeficiency/
https://medlineplus.gov/genetics/condition/jansen-de-vries-syndrome/
https://medlineplus.gov/genetics/condition/jervell-and-lange-nielsen-syndrome/
https://medlineplus.gov/genetics/condition/joubert-syndrome/
https://medlineplus.gov/genetics/condition/junctional-epidermolysis-bullosa/
https://medlineplus.gov/genetics/condition/juvenile-idiopathic-arthritis/
https://medlineplus.gov/genetics/condition/juvenile-myoclonic-epilepsy/
https://medlineplus.gov/genetics/condition/juvenile-paget-disease/
https://medlineplus.gov/genetics/condition/juvenile-polyposis-syndrome/
https://medlineplus.gov/genetics/condition/juvenile-primary-lateral-sclerosis/
https://medlineplus.gov/genetics/condition/juvenile-primary-osteoporosis/
https://medlineplus.gov/genetics/condition/kabuki-syndrome/
https://medlineplus.gov/genetics/condition/kallmann-syndrome/
https://medlineplus.gov/genetics/condition/kaufman-oculocerebrofacial-syndrome/
https://medlineplus.gov/genetics/condition/kawasaki-disease/
https://medlineplus.gov/genetics/condition/kbg-syndrome/
https://medlineplus.gov/genetics/condition/kcnb1-encephalopathy/
https://medlineplus.gov/genetics/condition/kcnk9-imprinting-syndrome/
https://medlineplus.gov/genetics/condition/kearns-sayre-syndrome/
https://medlineplus.gov/genetics/condition/keratitis-ichthyosis-deafness-syndrome/

https://medlineplus.gov/genetics/condition/keratoconus/
https://medlineplus.gov/genetics/condition/keratoderma-with-woolly-hair/
https://medlineplus.gov/genetics/condition/kidney-stones/
https://medlineplus.gov/genetics/condition/kindler-epidermolysis-bullosa/
https://medlineplus.gov/genetics/condition/kleefstra-syndrome/
https://medlineplus.gov/genetics/condition/klinefelter-syndrome/
https://medlineplus.gov/genetics/condition/klippel-feil-syndrome/
https://medlineplus.gov/genetics/condition/klippel-trenaunay-syndrome/
https://medlineplus.gov/genetics/condition/kniest-dysplasia/
https://medlineplus.gov/genetics/condition/knobloch-syndrome/
https://medlineplus.gov/genetics/condition/koolen-de-vries-syndrome/
https://medlineplus.gov/genetics/condition/krabbe-disease/
https://medlineplus.gov/genetics/condition/kuskokwim-syndrome/
https://medlineplus.gov/genetics/condition/l1-syndrome/
https://medlineplus.gov/genetics/condition/lacrimo-auriculo-dento-digital-syndrome/
https://medlineplus.gov/genetics/condition/lactose-intolerance/
https://medlineplus.gov/genetics/condition/lafora-progressive-myoclonus-epilepsy/
https://medlineplus.gov/genetics/condition/laing-distal-myopathy/
https://medlineplus.gov/genetics/condition/lama2-related-muscular-dystrophy/
https://medlineplus.gov/genetics/condition/lamellar-ichthyosis/
https://medlineplus.gov/genetics/condition/langer-mesomelic-dysplasia/
https://medlineplus.gov/genetics/condition/langerhans-cell-histiocytosis/
https://medlineplus.gov/genetics/condition/laron-syndrome/
https://medlineplus.gov/genetics/condition/larsen-syndrome/
https://medlineplus.gov/genetics/condition/laryngo-oncho-cutaneous-syndrome/
https://medlineplus.gov/genetics/condition/lateral-meningocele-syndrome/
https://medlineplus.gov/genetics/condition/leber-congenital-amaurosis/

https://medlineplus.gov/genetics/condition/leber-hereditary-optic-neuropathy/
https://medlineplus.gov/genetics/condition/left-ventricular-noncompaction/
https://medlineplus.gov/genetics/condition/legg-calve-perthes-disease/
https://medlineplus.gov/genetics/condition/legius-syndrome/
https://medlineplus.gov/genetics/condition/leigh-syndrome/
https://medlineplus.gov/genetics/condition/lennox-gastaut-syndrome/
https://medlineplus.gov/genetics/condition/leprosy/
https://medlineplus.gov/genetics/condition/leptin-receptor-deficiency/
https://medlineplus.gov/genetics/condition/leri-weill-dyschondrosteosis/
https://medlineplus.gov/genetics/condition/lesch-nyhan-syndrome/
https://medlineplus.gov/genetics/condition/leukocyte-adhesion-deficiency-type-1/
https://medlineplus.gov/genetics/condition/leukoencephalopathy-with-brainstem-and-spinal-cord-involvement-and-lactate-elevation/
https://medlineplus.gov/genetics/condition/leukoencephalopathy-with-thalamus-and-brainstem-involvement-and-high-lactate/
https://medlineplus.gov/genetics/condition/leukoencephalopathy-with-vanishing-white-matter/
https://medlineplus.gov/genetics/condition/leydig-cell-hypoplasia/
https://medlineplus.gov/genetics/condition/li-fraumeni-syndrome/
https://medlineplus.gov/genetics/condition/liddle-syndrome/
https://medlineplus.gov/genetics/condition/liebenberg-syndrome/
https://medlineplus.gov/genetics/condition/limb-girdle-muscular-dystrophy/
https://medlineplus.gov/genetics/condition/lipoid-proteinosis/
https://medlineplus.gov/genetics/condition/lissencephaly-with-cerebellar-hypoplasia/
https://medlineplus.gov/genetics/condition/lmna-related-congenital-muscular-dystrophy/
https://medlineplus.gov/genetics/condition/loeys-dietz-syndrome/
https://medlineplus.gov/genetics/condition/lowe-syndrome/
https://medlineplus.gov/genetics/condition/lujan-syndrome/
https://medlineplus.gov/genetics/condition/lung-cancer/
https://medlineplus.gov/genetics/condition/lyme-disease/

https://medlineplus.gov/genetics/condition/lymphangiomiomatosis/
https://medlineplus.gov/genetics/condition/lymphedema-distichiasis-syndrome/
https://medlineplus.gov/genetics/condition/lynch-syndrome/
https://medlineplus.gov/genetics/condition/lysinuric-protein-intolerance/
https://medlineplus.gov/genetics/condition/lysosomal-acid-lipase-deficiency/
https://medlineplus.gov/genetics/condition/mabry-syndrome/
https://medlineplus.gov/genetics/condition/macrozoospermia/
https://medlineplus.gov/genetics/condition/maffucci-syndrome/
https://medlineplus.gov/genetics/condition/maffucci-syndrome/#description
https://medlineplus.gov/genetics/condition/mainzer-saldino-syndrome/
https://medlineplus.gov/genetics/condition/majeed-syndrome/
https://medlineplus.gov/genetics/condition/mal-de-meleda/
https://medlineplus.gov/genetics/condition/malignant-hyperthermia/
https://medlineplus.gov/genetics/condition/malonyl-coa-decarboxylase-deficiency/
https://medlineplus.gov/genetics/condition/mandibuloacral-dysplasia/
https://medlineplus.gov/genetics/condition/mandibulofacial-dysostosis-with-microcephaly/
https://medlineplus.gov/genetics/condition/manitoba-oculotrichoanal-syndrome/
https://medlineplus.gov/genetics/condition/mannose-binding-lectin-deficiency/
https://medlineplus.gov/genetics/condition/maple-syrup-urine-disease/
https://medlineplus.gov/genetics/condition/marfan-syndrome/
https://medlineplus.gov/genetics/condition/marinesco-sjogren-syndrome/
https://medlineplus.gov/genetics/condition/maternally-inherited-diabetes-and-deafness/
https://medlineplus.gov/genetics/condition/maturity-onset-diabetes-of-the-young/
https://medlineplus.gov/genetics/condition/mayer-rokitansky-kuster-hauser-syndrome/
https://medlineplus.gov/genetics/condition/mbd5-associated-neurodevelopmental-disorder/
https://medlineplus.gov/genetics/condition/mccune-albright-syndrome/

https://medlineplus.gov/genetics/condition/mckusick-kaufman-syndrome/
https://medlineplus.gov/genetics/condition/mcleod-neuroacanthocytosis-syndrome/
https://medlineplus.gov/genetics/condition/mda5-deficiency/
https://medlineplus.gov/genetics/condition/meckel-syndrome/
https://medlineplus.gov/genetics/condition/mecp2-duplication-syndrome/
https://medlineplus.gov/genetics/condition/mecp2-related-severe-neonatal-encephalopathy/
https://medlineplus.gov/genetics/condition/med13l-syndrome/
https://medlineplus.gov/genetics/condition/medullary-cystic-kidney-disease-type-1/
https://medlineplus.gov/genetics/condition/meesmann-corneal-dystrophy/
https://medlineplus.gov/genetics/condition/megacystis-microcolon-intestinal-hypoperistalsis-syndrome/
https://medlineplus.gov/genetics/condition/megalencephalic-leukoencephalopathy-with-subcortical-cysts/
https://medlineplus.gov/genetics/condition/megalencephaly-capillary-malformation-syndrome/
https://medlineplus.gov/genetics/condition/megalencephaly-polymicrogyria-polydactyly-hydrocephalus-syndrome/
https://medlineplus.gov/genetics/condition/megdel-syndrome/
https://medlineplus.gov/genetics/condition/meier-gorlin-syndrome/
https://medlineplus.gov/genetics/condition/meige-disease/
https://medlineplus.gov/genetics/condition/melanoma/
https://medlineplus.gov/genetics/condition/melnick-needles-syndrome/
https://medlineplus.gov/genetics/condition/melorheostosis/
https://medlineplus.gov/genetics/condition/meniere-disease/
https://medlineplus.gov/genetics/condition/menkes-syndrome/
https://medlineplus.gov/genetics/condition/metachromatic-leukodystrophy/
https://medlineplus.gov/genetics/condition/metatropic-dysplasia/
https://medlineplus.gov/genetics/condition/methemoglobinemia-beta-globin-type/
https://medlineplus.gov/genetics/condition/methylmalonic-acidemia-with-homocystinuria/

<https://medlineplus.gov/genetics/condition/mevalonate-kinase-deficiency/>

<https://medlineplus.gov/genetics/condition/microcephalic-osteodysplastic-primerdial-dwarfism-type-ii/>

<https://medlineplus.gov/genetics/condition/microcephaly-capillary-malformation-syndrome/>

<https://medlineplus.gov/genetics/condition/microcephaly-seizures-and-developmental-delay/>

<https://medlineplus.gov/genetics/condition/microphthalmia-with-linear-skin-defects-syndrome/>

<https://medlineplus.gov/genetics/condition/microvillus-inclusion-disease/>

<https://medlineplus.gov/genetics/condition/migraine/>

<https://medlineplus.gov/genetics/condition/miller-dieker-syndrome/>

<https://medlineplus.gov/genetics/condition/miller-syndrome/>

<https://medlineplus.gov/genetics/condition/milroy-disease/>

<https://medlineplus.gov/genetics/condition/mitochondrial-complex-i-deficiency/>

<https://medlineplus.gov/genetics/condition/mitochondrial-complex-v-deficiency/>

<https://medlineplus.gov/genetics/condition/mitochondrial-encephalomyopathy-lactic-acidosis-and-stroke-like-episodes/>

<https://medlineplus.gov/genetics/condition/mitochondrial-membrane-protein-associated-neurodegeneration/>

<https://medlineplus.gov/genetics/condition/mitochondrial-neurogastrointestinal-encephalopathy-disease/>

<https://medlineplus.gov/genetics/condition/miyoshi-myopathy/>

<https://medlineplus.gov/genetics/condition/mn1-c-terminal-truncation-syndrome/>

<https://medlineplus.gov/genetics/condition/moebius-syndrome/>

<https://medlineplus.gov/genetics/condition/molybdenum-cofactor-deficiency/>

<https://medlineplus.gov/genetics/condition/monilethrix/>

<https://medlineplus.gov/genetics/condition/monoamine-oxidase-a-deficiency/>

<https://medlineplus.gov/genetics/condition/mosaic-variegated-aneuploidy-syndrome/>

https://medlineplus.gov/genetics/condition/motion-sickness/
https://medlineplus.gov/genetics/condition/mowat-wilson-syndrome/
https://medlineplus.gov/genetics/condition/moyamoya-disease/
https://medlineplus.gov/genetics/condition/mpv17-related-hepatocerebral-mitochondrial-dna-depletion-syndrome/
https://medlineplus.gov/genetics/condition/mucopolipidosis-iii-alpha-beta/
https://medlineplus.gov/genetics/condition/mucopolipidosis-iii-gamma/
https://medlineplus.gov/genetics/condition/mucopolipidosis-type-iv/
https://medlineplus.gov/genetics/condition/mucopolysaccharidosis-type-i/
https://medlineplus.gov/genetics/condition/mucopolysaccharidosis-type-ii/
https://medlineplus.gov/genetics/condition/mucopolysaccharidosis-type-iii/
https://medlineplus.gov/genetics/condition/mucopolysaccharidosis-type-iv/
https://medlineplus.gov/genetics/condition/mucopolysaccharidosis-type-vi/
https://medlineplus.gov/genetics/condition/muenke-syndrome/
https://medlineplus.gov/genetics/condition/mullerian-aplasia-and-hyperandrogenism/
https://medlineplus.gov/genetics/condition/multicentric-osteolysis-nodulosis-and-arthropathy/
https://medlineplus.gov/genetics/condition/multiminicore-disease/
https://medlineplus.gov/genetics/condition/multiple-cutaneous-and-mucosal-venous-malformations/
https://medlineplus.gov/genetics/condition/multiple-endocrine-neoplasia/
https://medlineplus.gov/genetics/condition/multiple-epiphyseal-dysplasia/
https://medlineplus.gov/genetics/condition/multiple-familial-trichoepithelioma/
https://medlineplus.gov/genetics/condition/multiple-mitochondrial-dysfunction-syndrome/
https://medlineplus.gov/genetics/condition/multiple-myeloma/
https://medlineplus.gov/genetics/condition/multiple-ptygium-syndrome/
https://medlineplus.gov/genetics/condition/multiple-sclerosis/
https://medlineplus.gov/genetics/condition/multiple-sulfatase-deficiency/
https://medlineplus.gov/genetics/condition/multiple-system-atrophy/
https://medlineplus.gov/genetics/condition/mutuh-associated-polyposis/
https://medlineplus.gov/genetics/condition/myasthenia-gravis/

https://medlineplus.gov/genetics/condition/mycosis-fungoides/
https://medlineplus.gov/genetics/condition/myd88-deficiency/
https://medlineplus.gov/genetics/condition/myh9-related-disorder/
https://medlineplus.gov/genetics/condition/myhre-syndrome/
https://medlineplus.gov/genetics/condition/myoclonic-epilepsy-myopathy-sensory-ataxia/
https://medlineplus.gov/genetics/condition/myoclonic-epilepsy-with-ragged-red-fibers/
https://medlineplus.gov/genetics/condition/myoclonus-dystonia/
https://medlineplus.gov/genetics/condition/myofibrillar-myopathy/
https://medlineplus.gov/genetics/condition/myopathy-with-deficiency-of-iron-sulfur-cluster-assembly-enzyme/
https://medlineplus.gov/genetics/condition/myosin-storage-myopathy/
https://medlineplus.gov/genetics/condition/myostatin-related-muscle-hypertrophy/
https://medlineplus.gov/genetics/condition/myotonia-congenita/
https://medlineplus.gov/genetics/condition/myotonic-dystrophy/
https://medlineplus.gov/genetics/condition/naegeli-franceschetti-jadassohn-syndrome-dermatopathia-pigmentosa-reticularis/
https://medlineplus.gov/genetics/condition/nager-syndrome/
https://medlineplus.gov/genetics/condition/nail-patella-syndrome/
https://medlineplus.gov/genetics/condition/nakajo-nishimura-syndrome/
https://medlineplus.gov/genetics/condition/narcolepsy/
https://medlineplus.gov/genetics/condition/nearsightedness/
https://medlineplus.gov/genetics/condition/nemaline-myopathy/
https://medlineplus.gov/genetics/condition/nephronophthisis/
https://medlineplus.gov/genetics/condition/netherton-syndrome/
https://medlineplus.gov/genetics/condition/neuroblastoma/
https://medlineplus.gov/genetics/condition/neuroferritinopathy/
https://medlineplus.gov/genetics/condition/neurofibromatosis-type-1/
https://medlineplus.gov/genetics/condition/neurofibromatosis-type-2/
https://medlineplus.gov/genetics/condition/neuromyelitis-optica/

https://medlineplus.gov/genetics/condition/neutral-lipid-storage-disease-with-myopathy/
https://medlineplus.gov/genetics/condition/ngly1-congenital-disorder-of-deglycosylation/
https://medlineplus.gov/genetics/condition/nicolaides-baraitser-syndrome/
https://medlineplus.gov/genetics/condition/niemann-pick-disease/
https://medlineplus.gov/genetics/condition/nijmegen-breakage-syndrome/
https://medlineplus.gov/genetics/condition/non-alcoholic-fatty-liver-disease/
https://medlineplus.gov/genetics/condition/nonbullous-congenital-ichthyosiform-erythroderma/
https://medlineplus.gov/genetics/condition/nonketotic-hyperglycinemia/
https://medlineplus.gov/genetics/condition/nonsyndromic-aplasia-cutis-congenita/
https://medlineplus.gov/genetics/condition/nonsyndromic-congenital-nail-disorder-10/
https://medlineplus.gov/genetics/condition/nonsyndromic-hearing-loss/
https://medlineplus.gov/genetics/condition/nonsyndromic-holoprosencephaly/
https://medlineplus.gov/genetics/condition/nonsyndromic-paraganglioma/
https://medlineplus.gov/genetics/condition/noonan-syndrome-with-multiple-lentigines/
https://medlineplus.gov/genetics/condition/noonan-syndrome/
https://medlineplus.gov/genetics/condition/norrie-disease/
https://medlineplus.gov/genetics/condition/north-american-indian-childhood-cirrhosis/
https://medlineplus.gov/genetics/condition/obsessive-compulsive-disorder/
https://medlineplus.gov/genetics/condition/ochoa-syndrome/
https://medlineplus.gov/genetics/condition/ocular-albinism/
https://medlineplus.gov/genetics/condition/oculocutaneous-albinism/
https://medlineplus.gov/genetics/condition/oculodentodigital-dysplasia/
https://medlineplus.gov/genetics/condition/oculofaciocardiodental-syndrome/
https://medlineplus.gov/genetics/condition/oculopharyngeal-muscular-dystrophy/
https://medlineplus.gov/genetics/condition/ohdo-syndrome-maat-kievit-brunner-type/

https://medlineplus.gov/genetics/condition/ohdo-syndrome-say-barber-bieseker-young-simpson-variant/
https://medlineplus.gov/genetics/condition/ollier-disease/
https://medlineplus.gov/genetics/condition/omenn-syndrome/
https://medlineplus.gov/genetics/condition/ophalmo-acromelic-syndrome/
https://medlineplus.gov/genetics/condition/opitz-g-bbb-syndrome/
https://medlineplus.gov/genetics/condition/optic-atrophy-type-1/
https://medlineplus.gov/genetics/condition/ornithine-transcarbamylase-deficiency/
https://medlineplus.gov/genetics/condition/ornithine-translocase-deficiency/
https://medlineplus.gov/genetics/condition/osteoarthritis/
https://medlineplus.gov/genetics/condition/osteogenesis-imperfecta/
https://medlineplus.gov/genetics/condition/osteoglophonic-dysplasia/
https://medlineplus.gov/genetics/condition/osteopetrosis/
https://medlineplus.gov/genetics/condition/osteoporosis-pseudoglioma-syndrome/
https://medlineplus.gov/genetics/condition/otopalatodigital-syndrome-type-1/
https://medlineplus.gov/genetics/condition/otopalatodigital-syndrome-type-2/
https://medlineplus.gov/genetics/condition/otospondylomegaepiphyseal-dysplasia/
https://medlineplus.gov/genetics/condition/otospondylomegaepiphyseal-dysplasia/
https://medlineplus.gov/genetics/condition/otulipenia/
https://medlineplus.gov/genetics/condition/pachyonychia-congenita/
https://medlineplus.gov/genetics/condition/pacs1-syndrome/
https://medlineplus.gov/genetics/condition/pallister-hall-syndrome/
https://medlineplus.gov/genetics/condition/pallister-killian-mosaic-syndrome/
https://medlineplus.gov/genetics/condition/palmoplantar-keratoderma-with-defect/
https://medlineplus.gov/genetics/condition/pantothenate-kinase-associated-neurodegeneration/
https://medlineplus.gov/genetics/condition/paramyotonia-congenita/
https://medlineplus.gov/genetics/condition/parkes-weber-syndrome/
https://medlineplus.gov/genetics/condition/paroxysmal-extreme-pain-disorder/

https://medlineplus.gov/genetics/condition/paroxysmal-nocturnal-hemoglobinuria/
https://medlineplus.gov/genetics/condition/partington-syndrome/
https://medlineplus.gov/genetics/condition/pdgfra-associated-chronic-eosinophilic-leukemia/
https://medlineplus.gov/genetics/condition/pdgfrb-associated-chronic-eosinophilic-leukemia/
https://medlineplus.gov/genetics/condition/peeling-skin-syndrome-2/
https://medlineplus.gov/genetics/condition/pelizaeus-merzbacher-disease/
https://medlineplus.gov/genetics/condition/pelizaeus-merzbacher-like-disease-type-1/
https://medlineplus.gov/genetics/condition/pendred-syndrome/
https://medlineplus.gov/genetics/condition/periventricular-heterotopia/
https://medlineplus.gov/genetics/condition/permanent-neonatal-diabetes-mellitus/
https://medlineplus.gov/genetics/condition/perrault-syndrome/
https://medlineplus.gov/genetics/condition/perry-syndrome/
https://medlineplus.gov/genetics/condition/persistent-mullerian-duct-syndrome/
https://medlineplus.gov/genetics/condition/peters-anomaly/
https://medlineplus.gov/genetics/condition/peters-plus-syndrome/
https://medlineplus.gov/genetics/condition/peutz-jeghers-syndrome/
https://medlineplus.gov/genetics/condition/pfeiffer-syndrome/
https://medlineplus.gov/genetics/condition/pgm3-congenital-disorder-of-glycosylation/
https://medlineplus.gov/genetics/condition/phenylketonuria/
https://medlineplus.gov/genetics/condition/phosphoglycerate-dehydrogenase-deficiency/
https://medlineplus.gov/genetics/condition/phosphoglycerate-kinase-deficiency/
https://medlineplus.gov/genetics/condition/phosphoglycerate-mutase-deficiency/

https://medlineplus.gov/genetics/condition/phosphoribosylpyrophosphate-synthetase-superactivity/
https://medlineplus.gov/genetics/condition/piebaldism/
https://medlineplus.gov/genetics/condition/pilomatricoma/
https://medlineplus.gov/genetics/condition/pitt-hopkins-syndrome/
https://medlineplus.gov/genetics/condition/platyspondylic-dysplasia-torrance-type/
https://medlineplus.gov/genetics/condition/plcg2-associated-antibody-deficiency-and-immune-dysregulation/
https://medlineplus.gov/genetics/condition/pmm2-congenital-disorder-of-glycosylation/
https://medlineplus.gov/genetics/condition/poikiloderma-with-neutropenia/
https://medlineplus.gov/genetics/condition/pol-iii-related-leukodystrophy/
https://medlineplus.gov/genetics/condition/poland-syndrome/
https://medlineplus.gov/genetics/condition/polycystic-lipomembranous-osteodysplasia-with-sclerosing-leukoencephalopathy/
https://medlineplus.gov/genetics/condition/polymicrogyria/
https://medlineplus.gov/genetics/condition/pontocerebellar-hypoplasia/
https://medlineplus.gov/genetics/condition/popliteal-ptygium-syndrome/
https://medlineplus.gov/genetics/condition/potassium-aggravated-myotonia/
https://medlineplus.gov/genetics/condition/potocki-lupski-syndrome/
https://medlineplus.gov/genetics/condition/potocki-shaffer-syndrome/
https://medlineplus.gov/genetics/condition/ppm-x-syndrome/
https://medlineplus.gov/genetics/condition/ppp2r5d-related-intellectual-disability/
https://medlineplus.gov/genetics/condition/prader-willi-syndrome/
https://medlineplus.gov/genetics/condition/prekallikrein-deficiency/
https://medlineplus.gov/genetics/condition/prickle1-related-progressive-myoclonus-epilepsy-with-ataxia/
https://medlineplus.gov/genetics/condition/primary-ciliary-dyskinesia/
https://medlineplus.gov/genetics/condition/primary-coenzyme-q10-deficiency/
https://medlineplus.gov/genetics/condition/primary-familial-brain-calcification/

https://medlineplus.gov/genetics/condition/primary-hyperoxaluria/
https://medlineplus.gov/genetics/condition/primary-localized-cutaneous-amyloidosis/
https://medlineplus.gov/genetics/condition/primary-macronodular-adrenal-hyperplasia/
https://medlineplus.gov/genetics/condition/primary-myelofibrosis/
https://medlineplus.gov/genetics/condition/prion-disease/
https://medlineplus.gov/genetics/condition/progressive-familial-heart-block/
https://medlineplus.gov/genetics/condition/progressive-familial-intrahepatic-cholestasis/
https://medlineplus.gov/genetics/condition/progressive-myoclonic-epilepsy-type-1/
https://medlineplus.gov/genetics/condition/progressive-osseous-heteroplasia/
https://medlineplus.gov/genetics/condition/progressive-pseudorheumatoid-dysplasia/
https://medlineplus.gov/genetics/condition/progressive-supranuclear-palsy/
https://medlineplus.gov/genetics/condition/prolidase-deficiency/
https://medlineplus.gov/genetics/condition/proopiomelanocortin-deficiency/
https://medlineplus.gov/genetics/condition/prostate-cancer/
https://medlineplus.gov/genetics/condition/protein-c-deficiency/
https://medlineplus.gov/genetics/condition/protein-s-deficiency/
https://medlineplus.gov/genetics/condition/proteus-syndrome/
https://medlineplus.gov/genetics/condition/prothrombin-deficiency/
https://medlineplus.gov/genetics/condition/prothrombin-thrombophilia/
https://medlineplus.gov/genetics/condition/proximal-18q-deletion-syndrome/
https://medlineplus.gov/genetics/condition/pseudoachondroplasia/
https://medlineplus.gov/genetics/condition/pseudocholinesterase-deficiency/
https://medlineplus.gov/genetics/condition/pseudohypoaldosteronism-type-1/
https://medlineplus.gov/genetics/condition/pseudohypoaldosteronism-type-2/
https://medlineplus.gov/genetics/condition/pseudoxanthoma-elasticum/
https://medlineplus.gov/genetics/condition/psoriatic-arthritis/

https://medlineplus.gov/genetics/condition/pulmonary-alveolar-microlithiasis/
https://medlineplus.gov/genetics/condition/pulmonary-arterial-hypertension/
https://medlineplus.gov/genetics/condition/pura-syndrome/
https://medlineplus.gov/genetics/condition/pyle-disease/
https://medlineplus.gov/genetics/condition/pyridoxal-phosphate-responsive-seizures/
https://medlineplus.gov/genetics/condition/pyridoxine-dependent-epilepsy/
https://medlineplus.gov/genetics/condition/pyruvate-kinase-deficiency/
https://medlineplus.gov/genetics/condition/rab18-deficiency/
https://medlineplus.gov/genetics/condition/rabson-mendenhall-syndrome/
https://medlineplus.gov/genetics/condition/rapadilino-syndrome/
https://medlineplus.gov/genetics/condition/rapid-onset-dystonia-parkinsonism/
https://medlineplus.gov/genetics/condition/recombinant-8-syndrome/
https://medlineplus.gov/genetics/condition/recurrent-hydatidiform-mole/
https://medlineplus.gov/genetics/condition/refsum-disease/
https://medlineplus.gov/genetics/condition/ren-related-kidney-disease/
https://medlineplus.gov/genetics/condition/renal-coloboma-syndrome/
https://medlineplus.gov/genetics/condition/renal-hypouricemia/
https://medlineplus.gov/genetics/condition/renal-tubular-acidosis-with-deafness/
https://medlineplus.gov/genetics/condition/renal-tubular-dysgenesis/
https://medlineplus.gov/genetics/condition/renpenning-syndrome/
https://medlineplus.gov/genetics/condition/restless-legs-syndrome/
https://medlineplus.gov/genetics/condition/retinal-arterial-macroaneurysm-with-supravalvular-pulmonic-stenosis/
https://medlineplus.gov/genetics/condition/retinitis-pigmentosa/
https://medlineplus.gov/genetics/condition/retinoblastoma/
https://medlineplus.gov/genetics/condition/retroperitoneal-fibrosis/
https://medlineplus.gov/genetics/condition/rett-syndrome/

https://medlineplus.gov/genetics/condition/rhabdoid-tumor-predisposition-syndrome/
https://medlineplus.gov/genetics/condition/rheumatoid-arthritis/
https://medlineplus.gov/genetics/condition/rhizomelic-chondrodysplasia-punctata/
https://medlineplus.gov/genetics/condition/riboflavin-transporter-deficiency-neuronopathy/
https://medlineplus.gov/genetics/condition/rigid-spine-muscular-dystrophy/
https://medlineplus.gov/genetics/condition/rnase-t2-deficient-leukoencephalopathy/
https://medlineplus.gov/genetics/condition/roberts-syndrome/
https://medlineplus.gov/genetics/condition/robinow-syndrome/
https://medlineplus.gov/genetics/condition/romano-ward-syndrome/
https://medlineplus.gov/genetics/condition/rothmund-thomson-syndrome/
https://medlineplus.gov/genetics/condition/rotor-syndrome/
https://medlineplus.gov/genetics/condition/rrm2b-related-mitochondrial-dna-depletion-syndrome-encephalomyopathic-form-with-renal-tubulopathy/
https://medlineplus.gov/genetics/condition/rubinstein-taybi-syndrome/
https://medlineplus.gov/genetics/condition/saddan/
https://medlineplus.gov/genetics/condition/saethre-chotzen-syndrome/
https://medlineplus.gov/genetics/condition/satb2-associated-syndrome/
https://medlineplus.gov/genetics/condition/saul-wilson-syndrome/
https://medlineplus.gov/genetics/condition/scalp-ear-nipple-syndrome/
https://medlineplus.gov/genetics/condition/schimke-immuno-osseous-dysplasia/
https://medlineplus.gov/genetics/condition/schinz-el-giedion-syndrome/
https://medlineplus.gov/genetics/condition/schizoaffective-disorder/
https://medlineplus.gov/genetics/condition/schwannomatosis/
https://medlineplus.gov/genetics/condition/schwartz-jampel-syndrome/
https://medlineplus.gov/genetics/condition/scn8a-related-epilepsy-with-encephalopathy/
https://medlineplus.gov/genetics/condition/seasonal-affective-disorder/
https://medlineplus.gov/genetics/condition/senior-loken-syndrome/

https://medlineplus.gov/genetics/condition/sepiapterin-reductase-deficiency/
https://medlineplus.gov/genetics/condition/septo-optic-dysplasia/
https://medlineplus.gov/genetics/condition/setbp1-haploinsufficiency-disorder/
https://medlineplus.gov/genetics/condition/sezary-syndrome/
https://medlineplus.gov/genetics/condition/sheldon-hall-syndrome/
https://medlineplus.gov/genetics/condition/short-branched-chain-acyl-coa-dehydrogenase-deficiency/
https://medlineplus.gov/genetics/condition/short-chain-acyl-coa-dehydrogenase-deficiency/
https://medlineplus.gov/genetics/condition/short-qt-syndrome/
https://medlineplus.gov/genetics/condition/short-stature-hyperextensibility-hernia-ocular-depression-rieger-anomaly-and-teething-delay/
https://medlineplus.gov/genetics/condition/shprintzen-goldberg-syndrome/
https://medlineplus.gov/genetics/condition/shwachman-diamond-syndrome/
https://medlineplus.gov/genetics/condition/sialidosis/
https://medlineplus.gov/genetics/condition/sialuria/
https://medlineplus.gov/genetics/condition/sick-sinus-syndrome/
https://medlineplus.gov/genetics/condition/silver-russell-syndrome/
https://medlineplus.gov/genetics/condition/silver-syndrome/
https://medlineplus.gov/genetics/condition/simpson-golabi-behmel-syndrome/
https://medlineplus.gov/genetics/condition/sitosterolemia/
https://medlineplus.gov/genetics/condition/sjogren-larsson-syndrome/
https://medlineplus.gov/genetics/condition/sjogren-syndrome/
https://medlineplus.gov/genetics/condition/slc35a2-congenital-disorder-of-glycosylation/
https://medlineplus.gov/genetics/condition/slc4a1-associated-distal-renal-tubular-acidosis/
https://medlineplus.gov/genetics/condition/small-fiber-neuropathy/
https://medlineplus.gov/genetics/condition/smith-kingsmore-syndrome/
https://medlineplus.gov/genetics/condition/smith-lemli-opitz-syndrome/
https://medlineplus.gov/genetics/condition/smith-magenis-syndrome/
https://medlineplus.gov/genetics/condition/snijders-blok-campeau-syndrome/
https://medlineplus.gov/genetics/condition/snyder-robinson-syndrome/

<https://medlineplus.gov/genetics/condition/sost-related-sclerosing-bone-dysplasia/>

<https://medlineplus.gov/genetics/condition/sotos-syndrome/>

<https://medlineplus.gov/genetics/condition/spastic-paraplegia-type-11/>

<https://medlineplus.gov/genetics/condition/spastic-paraplegia-type-15/>

<https://medlineplus.gov/genetics/condition/spastic-paraplegia-type-2/>

<https://medlineplus.gov/genetics/condition/spastic-paraplegia-type-31/>

<https://medlineplus.gov/genetics/condition/spastic-paraplegia-type-3a/>

<https://medlineplus.gov/genetics/condition/spastic-paraplegia-type-4/>

<https://medlineplus.gov/genetics/condition/spastic-paraplegia-type-49/>

<https://medlineplus.gov/genetics/condition/spastic-paraplegia-type-5a/>

<https://medlineplus.gov/genetics/condition/spastic-paraplegia-type-7/>

<https://medlineplus.gov/genetics/condition/spastic-paraplegia-type-8/>

<https://medlineplus.gov/genetics/condition/spinal-and-bulbar-muscular-atrophy/>

<https://medlineplus.gov/genetics/condition/spinal-muscular-atrophy-with-lower-extremity-predominance/>

<https://medlineplus.gov/genetics/condition/spinal-muscular-atrophy-with-progressive-myoclonic-epilepsy/>

<https://medlineplus.gov/genetics/condition/spinal-muscular-atrophy-with-respiratory-distress-type-1/>

<https://medlineplus.gov/genetics/condition/spinocerebellar-ataxia-type-1/>

<https://medlineplus.gov/genetics/condition/spinocerebellar-ataxia-type-2/>

<https://medlineplus.gov/genetics/condition/spinocerebellar-ataxia-type-3/>

<https://medlineplus.gov/genetics/condition/spinocerebellar-ataxia-type-36/>

<https://medlineplus.gov/genetics/condition/spinocerebellar-ataxia-type-6/>

<https://medlineplus.gov/genetics/condition/spondylocarpotarsal-synostosis-syndrome/>

<https://medlineplus.gov/genetics/condition/spondylocostal-dysostosis/>

<https://medlineplus.gov/genetics/condition/spondyloenchondrodysplasia-with-immune-dysregulation/>

<https://medlineplus.gov/genetics/condition/spondyloepiphyseal-dysplasia-congenita/>

<https://medlineplus.gov/genetics/condition/spondyloepiphyseal-dysplasia-with-marked-metaphyseal-changes/>

<https://medlineplus.gov/genetics/condition/spondyloepiphyseal-dysplasia-with-metatarsal-shortening/>

<https://medlineplus.gov/genetics/condition/spondyloperipheral-dysplasia/>

<https://medlineplus.gov/genetics/condition/spondylothoracic-dysostosis/>

<https://medlineplus.gov/genetics/condition/sporadic-hemiplegic-migraine/>

<https://medlineplus.gov/genetics/condition/srd5a3-congenital-disorder-of-glycosylation/>

<https://medlineplus.gov/genetics/condition/stac3-disorder/>

<https://medlineplus.gov/genetics/condition/stargardt-macular-degeneration/>

<https://medlineplus.gov/genetics/condition/steatocystoma-multiplex/>

<https://medlineplus.gov/genetics/condition/stickler-syndrome/>

<https://medlineplus.gov/genetics/condition/sting-associated-vasculopathy-with-onset-in-infancy/>

<https://medlineplus.gov/genetics/condition/stormorken-syndrome/>

<https://medlineplus.gov/genetics/condition/sturge-weber-syndrome/>

<https://medlineplus.gov/genetics/condition/stuve-wiedemann-syndrome/>

<https://medlineplus.gov/genetics/condition/stxbp1-encephalopathy/>

<https://medlineplus.gov/genetics/condition/subcortical-band-heterotopia/>

<https://medlineplus.gov/genetics/condition/succinic-semialdehyde-dehydrogenase-deficiency/>

<https://medlineplus.gov/genetics/condition/succinyl-coa3-ketoacid-coa-transferase-deficiency/>

<https://medlineplus.gov/genetics/condition/sucla2-related-mitochondrial-dna-depletion-syndrome/>

<https://medlineplus.gov/genetics/condition/sucg1-related-mitochondrial-dna-depletion-syndrome/>

<https://medlineplus.gov/genetics/condition/sudden-infant-death-with-dysgenesis-of-the-testes-syndrome/>

<https://medlineplus.gov/genetics/condition/supraaortic-stenosis/>

<https://medlineplus.gov/genetics/condition/swyer-syndrome/>

<https://medlineplus.gov/genetics/condition/syngap1-related-intellectual-disability/>

<https://medlineplus.gov/genetics/condition/systemic-lupus-erythematosus/>

<https://medlineplus.gov/genetics/condition/systemic-mastocytosis/>

https://medlineplus.gov/genetics/condition/systemic-scleroderma/
https://medlineplus.gov/genetics/condition/t-cell-immunodeficiency-congenital-aloppecia-and-nail-dystrophy/
https://medlineplus.gov/genetics/condition/tangier-disease/
https://medlineplus.gov/genetics/condition/tangier-disease/#causes
https://medlineplus.gov/genetics/condition/tarsal-carpal-coalition-syndrome/
https://medlineplus.gov/genetics/condition/task-specific-focal-dystonia/
https://medlineplus.gov/genetics/condition/tay-sachs-disease/
https://medlineplus.gov/genetics/condition/terminal-osseous-dysplasia/
https://medlineplus.gov/genetics/condition/tetra-amelia-syndrome/
https://medlineplus.gov/genetics/condition/tetrahydrobiopterin-deficiency/
https://medlineplus.gov/genetics/condition/tetrasomy-18p/
https://medlineplus.gov/genetics/condition/thanatophoric-dysplasia/
https://medlineplus.gov/genetics/condition/thiamine-responsive-megaloblastic-anemia-syndrome/
https://medlineplus.gov/genetics/condition/thiopurine-s-methyltransferase-deficiency/
https://medlineplus.gov/genetics/condition/thrombocytopenia-absent-radius-syndrome/
https://medlineplus.gov/genetics/condition/thrombotic-thrombocytopenic-purpura/
https://medlineplus.gov/genetics/condition/tibial-muscular-dystrophy/
https://medlineplus.gov/genetics/condition/tietz-syndrome/
https://medlineplus.gov/genetics/condition/timothy-syndrome/
https://medlineplus.gov/genetics/condition/tk2-related-mitochondrial-dna-depletion-syndrome-myopathic-form/
https://medlineplus.gov/genetics/condition/tourette-syndrome/
https://medlineplus.gov/genetics/condition/townes-brocks-syndrome/
https://medlineplus.gov/genetics/condition/transthyretin-amyloidosis/
https://medlineplus.gov/genetics/condition/traacher-collins-syndrome/
https://medlineplus.gov/genetics/condition/trichohepatoenteric-syndrome/
https://medlineplus.gov/genetics/condition/trichorhinophalangeal-syndrome-type-i/

https://medlineplus.gov/genetics/condition/trichorhinophalangeal-syndrome-type-ii/
https://medlineplus.gov/genetics/condition/trichothiodystrophy/
https://medlineplus.gov/genetics/condition/trimethylaminuria/
https://medlineplus.gov/genetics/condition/triosephosphate-isomerase-deficiency/
https://medlineplus.gov/genetics/condition/triple-a-syndrome/
https://medlineplus.gov/genetics/condition/trisomy-13/
https://medlineplus.gov/genetics/condition/trisomy-18/
https://medlineplus.gov/genetics/condition/trisomy-x/
https://medlineplus.gov/genetics/condition/trnt1-deficiency/
https://medlineplus.gov/genetics/condition/troyer-syndrome/
https://medlineplus.gov/genetics/condition/tubb4a-related-leukodystrophy/
https://medlineplus.gov/genetics/condition/tuberous-sclerosis-complex/
https://medlineplus.gov/genetics/condition/tubular-aggregate-myopathy/
https://medlineplus.gov/genetics/condition/tumor-necrosis-factor-receptor-associated-periodic-syndrome/
https://medlineplus.gov/genetics/condition/turner-syndrome/
https://medlineplus.gov/genetics/condition/type-1-diabetes/
https://medlineplus.gov/genetics/condition/type-2-diabetes/
https://medlineplus.gov/genetics/condition/type-a-insulin-resistance-syndrome/
https://medlineplus.gov/genetics/condition/tyrosine-hydroxylase-deficiency/
https://medlineplus.gov/genetics/condition/unc80-deficiency/
https://medlineplus.gov/genetics/condition/uncombable-hair-syndrome/
https://medlineplus.gov/genetics/condition/usher-syndrome/
https://medlineplus.gov/genetics/condition/vacterl-association/
https://medlineplus.gov/genetics/condition/van-der-woude-syndrome/
https://medlineplus.gov/genetics/condition/vexas-syndrome/
https://medlineplus.gov/genetics/condition/vici-syndrome/
https://medlineplus.gov/genetics/condition/vitelliform-macular-dystrophy/

https://medlineplus.gov/genetics/condition/vldlr-associated-cerebellar-hypoplasia/
https://medlineplus.gov/genetics/condition/vohwinkel-syndrome/
https://medlineplus.gov/genetics/condition/von-hippel-lindau-syndrome/
https://medlineplus.gov/genetics/condition/von-willebrand-disease/
https://medlineplus.gov/genetics/condition/waardenburg-syndrome/
https://medlineplus.gov/genetics/condition/wagner-syndrome/
https://medlineplus.gov/genetics/condition/wagr-syndrome/
https://medlineplus.gov/genetics/condition/waldenstrom-macroglobulinemia/
https://medlineplus.gov/genetics/condition/walker-warburg-syndrome/
https://medlineplus.gov/genetics/condition/warfarin-resistance/
https://medlineplus.gov/genetics/condition/warfarin-sensitivity/
https://medlineplus.gov/genetics/condition/warsaw-breakage-syndrome/
https://medlineplus.gov/genetics/condition/weaver-syndrome/
https://medlineplus.gov/genetics/condition/weill-marchesani-syndrome/
https://medlineplus.gov/genetics/condition/weissenbacher-zweymuller-syndrome/
https://medlineplus.gov/genetics/condition/werner-syndrome/
https://medlineplus.gov/genetics/condition/weyers-acrofacial-dysostosis/
https://medlineplus.gov/genetics/condition/white-sponge-nevus/
https://medlineplus.gov/genetics/condition/white-sponge-nevus/
https://medlineplus.gov/genetics/condition/white-sutton-syndrome/
https://medlineplus.gov/genetics/condition/wiedemann-rautenstrauch-syndrome/
https://medlineplus.gov/genetics/condition/williams-syndrome/
https://medlineplus.gov/genetics/condition/wilms-tumor/
https://medlineplus.gov/genetics/condition/wilson-disease/
https://medlineplus.gov/genetics/condition/winchester-syndrome/
https://medlineplus.gov/genetics/condition/wiskott-aldrich-syndrome/
https://medlineplus.gov/genetics/condition/wolf-hirschhorn-syndrome/
https://medlineplus.gov/genetics/condition/wolff-parkinson-white-syndrome/
https://medlineplus.gov/genetics/condition/wolfram-syndrome/
https://medlineplus.gov/genetics/condition/woodhouse-sakati-syndrome/

https://medlineplus.gov/genetics/condition/x-linked-acrogigantism/
https://medlineplus.gov/genetics/condition/x-linked-adrenal-hypoplasia-congenita/
https://medlineplus.gov/genetics/condition/x-linked-agammaglobulinemia/
https://medlineplus.gov/genetics/condition/x-linked-chondrodysplasia-punctata-1/
https://medlineplus.gov/genetics/condition/x-linked-chondrodysplasia-punctata-2/
https://medlineplus.gov/genetics/condition/x-linked-congenital-stationary-night-blindness/
https://medlineplus.gov/genetics/condition/x-linked-creatine-deficiency/
https://medlineplus.gov/genetics/condition/x-linked-dilated-cardiomyopathy/
https://medlineplus.gov/genetics/condition/x-linked-dystonia-parkinsonism/
https://medlineplus.gov/genetics/condition/x-linked-hyper-igm-syndrome/
https://medlineplus.gov/genetics/condition/x-linked-immunodeficiency-with-magnesium-defect-epstein-barr-virus-infection-and-neoplasia/
https://medlineplus.gov/genetics/condition/x-linked-infantile-nystagmus/
https://medlineplus.gov/genetics/condition/x-linked-infantile-spinal-muscular-atrophy/
https://medlineplus.gov/genetics/condition/x-linked-intellectual-disability-siderius-type/
https://medlineplus.gov/genetics/condition/x-linked-juvenile-retinoschisis/
https://medlineplus.gov/genetics/condition/x-linked-lissencephaly-with-abnormal-genitalia/
https://medlineplus.gov/genetics/condition/x-linked-lymphoproliferative-disease/
https://medlineplus.gov/genetics/condition/x-linked-mytubular-myopathy/
https://medlineplus.gov/genetics/condition/x-linked-severe-combined-immunodeficiency/
https://medlineplus.gov/genetics/condition/x-linked-sideroblastic-anemia-and-ataxia/
https://medlineplus.gov/genetics/condition/x-linked-sideroblastic-anemia/
https://medlineplus.gov/genetics/condition/x-linked-spondyloepiphyseal-dysplasia-tarda/

https://medlineplus.gov/genetics/condition/x-linked-thrombocytopenia/
https://medlineplus.gov/genetics/condition/xeroderma-pigmentosum/
https://medlineplus.gov/genetics/condition/xia-gibbs-syndrome/
https://medlineplus.gov/genetics/condition/y-chromosome-infertility/
https://medlineplus.gov/genetics/condition/yao-syndrome/
https://medlineplus.gov/genetics/condition/yuan-harel-lupski-syndrome/
https://medlineplus.gov/genetics/condition/zap70-related-severe-combined-immunodeficiency/
https://medlineplus.gov/genetics/condition/zellweger-spectrum-disorder/
https://medlineplus.gov/genetics/understanding/basics/chromosome/
https://pmc.ncbi.nlm.nih.gov/articles/PMC10032446/
https://pmc.ncbi.nlm.nih.gov/articles/PMC10152364/
https://pmc.ncbi.nlm.nih.gov/articles/PMC10341083/
https://pmc.ncbi.nlm.nih.gov/articles/PMC10407208/
https://pmc.ncbi.nlm.nih.gov/articles/PMC10427533/
https://pmc.ncbi.nlm.nih.gov/articles/PMC10500774/
https://pmc.ncbi.nlm.nih.gov/articles/PMC1051187/
https://pmc.ncbi.nlm.nih.gov/articles/PMC10550807/
https://pmc.ncbi.nlm.nih.gov/articles/PMC10580451/
https://pmc.ncbi.nlm.nih.gov/articles/PMC10604877/
https://pmc.ncbi.nlm.nih.gov/articles/PMC10605349/
https://pmc.ncbi.nlm.nih.gov/articles/PMC10663705/
https://pmc.ncbi.nlm.nih.gov/articles/PMC10789890/
https://pmc.ncbi.nlm.nih.gov/articles/PMC10815279/
https://pmc.ncbi.nlm.nih.gov/articles/PMC10821800/
https://pmc.ncbi.nlm.nih.gov/articles/PMC10996339/
https://pmc.ncbi.nlm.nih.gov/articles/PMC11005078/
https://pmc.ncbi.nlm.nih.gov/articles/PMC11084724/
https://pmc.ncbi.nlm.nih.gov/articles/PMC11316693/
https://pmc.ncbi.nlm.nih.gov/articles/PMC11457810/
https://pmc.ncbi.nlm.nih.gov/articles/PMC11507414/
https://pmc.ncbi.nlm.nih.gov/articles/PMC11737626/

https://pmc.ncbi.nlm.nih.gov/articles/PMC12268107/
https://pmc.ncbi.nlm.nih.gov/articles/PMC12385717/
https://pmc.ncbi.nlm.nih.gov/articles/PMC12393173/
https://pmc.ncbi.nlm.nih.gov/articles/PMC12427558/
https://pmc.ncbi.nlm.nih.gov/articles/PMC1316309/
https://pmc.ncbi.nlm.nih.gov/articles/PMC1377094/
https://pmc.ncbi.nlm.nih.gov/articles/PMC1459119/
https://pmc.ncbi.nlm.nih.gov/articles/PMC1563447/
https://pmc.ncbi.nlm.nih.gov/articles/PMC1592572/
https://pmc.ncbi.nlm.nih.gov/articles/PMC1768363/
https://pmc.ncbi.nlm.nih.gov/articles/PMC1852094/
https://pmc.ncbi.nlm.nih.gov/articles/PMC1950923/
https://pmc.ncbi.nlm.nih.gov/articles/PMC2515294/
https://pmc.ncbi.nlm.nih.gov/articles/PMC2563255/
https://pmc.ncbi.nlm.nih.gov/articles/PMC3124893/
https://pmc.ncbi.nlm.nih.gov/articles/PMC3150013/
https://pmc.ncbi.nlm.nih.gov/articles/PMC3334421/
https://pmc.ncbi.nlm.nih.gov/articles/PMC3366702/
https://pmc.ncbi.nlm.nih.gov/articles/PMC3371272/
https://pmc.ncbi.nlm.nih.gov/articles/PMC3415789/
https://pmc.ncbi.nlm.nih.gov/articles/PMC3495011/
https://pmc.ncbi.nlm.nih.gov/articles/PMC3525289/
https://pmc.ncbi.nlm.nih.gov/articles/PMC3658200/
https://pmc.ncbi.nlm.nih.gov/articles/PMC3782979/
https://pmc.ncbi.nlm.nih.gov/articles/PMC3892174/
https://pmc.ncbi.nlm.nih.gov/articles/PMC4061475/
https://pmc.ncbi.nlm.nih.gov/articles/PMC4085583/
https://pmc.ncbi.nlm.nih.gov/articles/PMC4306042/
https://pmc.ncbi.nlm.nih.gov/articles/PMC4433400/
https://pmc.ncbi.nlm.nih.gov/articles/PMC4451851/
https://pmc.ncbi.nlm.nih.gov/articles/PMC4491663/
https://pmc.ncbi.nlm.nih.gov/articles/PMC4733813/

https://pmc.ncbi.nlm.nih.gov/articles/PMC4753905/
https://pmc.ncbi.nlm.nih.gov/articles/PMC4772338/
https://pmc.ncbi.nlm.nih.gov/articles/PMC4782791/
https://pmc.ncbi.nlm.nih.gov/articles/PMC4869578/
https://pmc.ncbi.nlm.nih.gov/articles/PMC5461780/
https://pmc.ncbi.nlm.nih.gov/articles/PMC5788182/
https://pmc.ncbi.nlm.nih.gov/articles/PMC5910509/
https://pmc.ncbi.nlm.nih.gov/articles/PMC5963269/
https://pmc.ncbi.nlm.nih.gov/articles/PMC6277305/
https://pmc.ncbi.nlm.nih.gov/articles/PMC6331365/
https://pmc.ncbi.nlm.nih.gov/articles/PMC6336675/
https://pmc.ncbi.nlm.nih.gov/articles/PMC6376866/
https://pmc.ncbi.nlm.nih.gov/articles/PMC6389303/
https://pmc.ncbi.nlm.nih.gov/articles/PMC6410459/
https://pmc.ncbi.nlm.nih.gov/articles/PMC6417841/
https://pmc.ncbi.nlm.nih.gov/articles/PMC6499608/
https://pmc.ncbi.nlm.nih.gov/articles/PMC6631815/
https://pmc.ncbi.nlm.nih.gov/articles/PMC6671929/
https://pmc.ncbi.nlm.nih.gov/articles/PMC6698309/
https://pmc.ncbi.nlm.nih.gov/articles/PMC6718240/
https://pmc.ncbi.nlm.nih.gov/articles/PMC6876298/
https://pmc.ncbi.nlm.nih.gov/articles/PMC6879786/
https://pmc.ncbi.nlm.nih.gov/articles/PMC6885669/
https://pmc.ncbi.nlm.nih.gov/articles/PMC6911249/
https://pmc.ncbi.nlm.nih.gov/articles/PMC6991628/
https://pmc.ncbi.nlm.nih.gov/articles/PMC7023732/
https://pmc.ncbi.nlm.nih.gov/articles/PMC7136165/
https://pmc.ncbi.nlm.nih.gov/articles/PMC7203651/
https://pmc.ncbi.nlm.nih.gov/articles/PMC7231795/
https://pmc.ncbi.nlm.nih.gov/articles/PMC7469861/
https://pmc.ncbi.nlm.nih.gov/articles/PMC7812771/
https://pmc.ncbi.nlm.nih.gov/articles/PMC7902511/

https://pmc.ncbi.nlm.nih.gov/articles/PMC8311836/
https://pmc.ncbi.nlm.nih.gov/articles/PMC8364843/
https://pmc.ncbi.nlm.nih.gov/articles/PMC8392113/
https://pmc.ncbi.nlm.nih.gov/articles/PMC8422252/
https://pmc.ncbi.nlm.nih.gov/articles/PMC8471045/
https://pmc.ncbi.nlm.nih.gov/articles/PMC8777205/
https://pmc.ncbi.nlm.nih.gov/articles/PMC8788290/
https://pmc.ncbi.nlm.nih.gov/articles/PMC8865813/
https://pmc.ncbi.nlm.nih.gov/articles/PMC8872351/
https://pmc.ncbi.nlm.nih.gov/articles/PMC8968608/
https://pmc.ncbi.nlm.nih.gov/articles/PMC9082376/
https://pmc.ncbi.nlm.nih.gov/articles/PMC9186461/
https://pmc.ncbi.nlm.nih.gov/articles/PMC9352800/
https://pmc.ncbi.nlm.nih.gov/articles/PMC9455087/
https://pmc.ncbi.nlm.nih.gov/articles/PMC9465909/
https://pmc.ncbi.nlm.nih.gov/articles/PMC9544208/
https://pmc.ncbi.nlm.nih.gov/articles/PMC9836924/
https://www.ncbi.nlm.nih.gov/books/NBK20221/
https://pubmed.ncbi.nlm.nih.gov/19309503/
https://pubmed.ncbi.nlm.nih.gov/23294109/
https://pubmed.ncbi.nlm.nih.gov/26947586/
https://pubmed.ncbi.nlm.nih.gov/29294000/
https://pubmed.ncbi.nlm.nih.gov/34254723/
https://pubmed.ncbi.nlm.nih.gov/39237642/
https://pubmed.ncbi.nlm.nih.gov/39952853/
https://pubmed.ncbi.nlm.nih.gov/6283419/
https://medlineplus.gov/genetics/condition/x-linked-cardiac-valvular-dysplasia/
https://rarediseases.info.nih.gov/diseases/19062/x-linked-neurodegenerative-syndrome-hamel-type
https://rarediseases.info.nih.gov/diseases/5676/48xxxy-syndrome

https://pmc.ncbi.nlm.nih.gov/articles/PMC1538574/
https://www.ncbi.nlm.nih.gov/books/NBK595821/
https://pmc.ncbi.nlm.nih.gov/articles/PMC11187779/
https://www.cdc.gov/birth-defects/about/anophthalmia-microphthalmia.html
https://www.cdc.gov/birth-defects/about/down-syndrome.html
https://www.cdc.gov/genomics-and-health/about/genetic-disorders.html
https://pmc.ncbi.nlm.nih.gov/articles/PMC11462544/
https://www.genome.gov/about-genomics/fact-sheets/Chromosome-Abnormalities-Fact-Sheet
https://www.genome.gov/For-Patients-and-Families/Genetic-Disorders
https://www.genome.gov/genetics-glossary/Chromosome
https://www.ncbi.nlm.nih.gov/books/NBK100664/
https://www.ncbi.nlm.nih.gov/books/NBK1118/
https://www.ncbi.nlm.nih.gov/books/NBK1150/
https://www.ncbi.nlm.nih.gov/books/NBK1156/
https://www.ncbi.nlm.nih.gov/books/NBK1188/
https://www.ncbi.nlm.nih.gov/books/NBK1189/
https://www.ncbi.nlm.nih.gov/books/NBK1216/
https://www.ncbi.nlm.nih.gov/books/NBK1219/
https://www.ncbi.nlm.nih.gov/books/NBK1235/
https://www.ncbi.nlm.nih.gov/books/NBK1245/
https://www.ncbi.nlm.nih.gov/books/NBK1249/
https://www.ncbi.nlm.nih.gov/books/NBK1263/
https://www.ncbi.nlm.nih.gov/books/NBK131811/
https://www.ncbi.nlm.nih.gov/books/NBK1333/
https://www.ncbi.nlm.nih.gov/books/NBK1339/
https://www.ncbi.nlm.nih.gov/books/NBK1350/
https://www.ncbi.nlm.nih.gov/books/NBK1366/
https://www.ncbi.nlm.nih.gov/books/NBK1383/
https://www.ncbi.nlm.nih.gov/books/NBK1386/
https://www.ncbi.nlm.nih.gov/books/NBK1402/
https://www.ncbi.nlm.nih.gov/books/NBK1406/

https://www.ncbi.nlm.nih.gov/books/NBK1431/
https://www.ncbi.nlm.nih.gov/books/NBK1432/
https://www.ncbi.nlm.nih.gov/books/NBK1433/
https://www.ncbi.nlm.nih.gov/books/NBK1437/
https://www.ncbi.nlm.nih.gov/books/NBK1445/
https://www.ncbi.nlm.nih.gov/books/NBK1449/
https://www.ncbi.nlm.nih.gov/books/NBK1457/
https://www.ncbi.nlm.nih.gov/books/NBK1459/
https://www.ncbi.nlm.nih.gov/books/NBK1481/
https://www.ncbi.nlm.nih.gov/books/NBK1489/
https://www.ncbi.nlm.nih.gov/books/NBK1523/
https://www.ncbi.nlm.nih.gov/books/NBK1544/
https://www.ncbi.nlm.nih.gov/books/NBK1874/
https://www.ncbi.nlm.nih.gov/books/NBK1878/
https://www.ncbi.nlm.nih.gov/books/NBK220444/
https://www.ncbi.nlm.nih.gov/books/NBK22252/
https://www.ncbi.nlm.nih.gov/books/NBK22266/
https://www.ncbi.nlm.nih.gov/books/NBK2594/
https://www.ncbi.nlm.nih.gov/books/NBK2690/
https://www.ncbi.nlm.nih.gov/books/NBK378974/
https://www.ncbi.nlm.nih.gov/books/NBK3822/
https://www.ncbi.nlm.nih.gov/books/NBK401562/
https://www.ncbi.nlm.nih.gov/books/NBK442004/
https://www.ncbi.nlm.nih.gov/books/NBK447920/
https://www.ncbi.nlm.nih.gov/books/NBK470458/
https://www.ncbi.nlm.nih.gov/books/NBK475802/
https://www.ncbi.nlm.nih.gov/books/NBK476671/
https://www.ncbi.nlm.nih.gov/books/NBK513253/
https://www.ncbi.nlm.nih.gov/books/NBK519542/
https://www.ncbi.nlm.nih.gov/books/NBK525916/
https://www.ncbi.nlm.nih.gov/books/NBK525998/
https://www.ncbi.nlm.nih.gov/books/NBK526016/

https://www.ncbi.nlm.nih.gov/books/NBK531470/
https://www.ncbi.nlm.nih.gov/books/NBK536994/
https://www.ncbi.nlm.nih.gov/books/NBK537300/
https://www.ncbi.nlm.nih.gov/books/NBK538197/
https://www.ncbi.nlm.nih.gov/books/NBK538270/
https://www.ncbi.nlm.nih.gov/books/NBK538347/
https://www.ncbi.nlm.nih.gov/books/NBK540966/
https://www.ncbi.nlm.nih.gov/books/NBK541032/
https://www.ncbi.nlm.nih.gov/books/NBK542206/
https://www.ncbi.nlm.nih.gov/books/NBK544951/
https://www.ncbi.nlm.nih.gov/books/NBK545211/
https://www.ncbi.nlm.nih.gov/books/NBK545302/
https://www.ncbi.nlm.nih.gov/books/NBK549839/
https://www.ncbi.nlm.nih.gov/books/NBK55062/
https://www.ncbi.nlm.nih.gov/books/NBK556151/
https://www.ncbi.nlm.nih.gov/books/NBK557467/
https://www.ncbi.nlm.nih.gov/books/NBK557691/
https://www.ncbi.nlm.nih.gov/books/NBK557699/
https://www.ncbi.nlm.nih.gov/books/NBK558998/
https://www.ncbi.nlm.nih.gov/books/NBK560701/
https://www.ncbi.nlm.nih.gov/books/NBK560754/
https://www.ncbi.nlm.nih.gov/books/NBK56080/
https://www.ncbi.nlm.nih.gov/books/NBK560862/
https://www.ncbi.nlm.nih.gov/books/NBK562242/
https://www.ncbi.nlm.nih.gov/books/NBK568745/
https://www.ncbi.nlm.nih.gov/books/NBK570558/
https://www.ncbi.nlm.nih.gov/books/NBK570597/
https://www.ncbi.nlm.nih.gov/books/NBK575630/
https://www.ncbi.nlm.nih.gov/books/NBK575793/
https://www.ncbi.nlm.nih.gov/books/NBK613517/
https://www.ncbi.nlm.nih.gov/books/NBK63582/
https://www.ncbi.nlm.nih.gov/books/NBK7040/

https://www.ncbi.nlm.nih.gov/books/NBK98196/
https://www.ncbi.nlm.nih.gov/books/NBK99167/
https://www.ncbi.nlm.nih.gov/books/NBK99168/
https://www.ncbi.nlm.nih.gov/books/NBK99494/
https://www.ncbi.nlm.nih.gov/gtr/conditions/C3806275/
https://www.ncbi.nlm.nih.gov/medgen/370197
https://www.ncbi.nlm.nih.gov/medgen/96585
https://www.nei.nih.gov/learn-about-eye-health/eye-conditions-and-diseases/anophthalmia-and-microphthalmia
https://www.nhs.uk/conditions/downs-syndrome/
https://www.nhs.uk/conditions/edwards-syndrome/
https://www.nhs.uk/conditions/klinefelters-syndrome/
https://www.nhs.uk/conditions/patau-syndrome/
https://www.nhs.uk/conditions/turner-syndrome/
https://www.ninds.nih.gov/health-information/disorders/ataxia-telangiectasia
https://www.ncbi.nlm.nih.gov/medgen/928177