

# Hereditary and Congenital Diseases of Purebred Dogs

## A

### Affenpinscher

- ELONGATED SOFT PALATE
- OLIGODONTIA
- CLEFT PALATE
- ANASARCA
- PATENT DUCTUS ARTERIOSUS
- PATELLA LUXATION
- LEGG-CALVE-PERTHES DISEASE
- CUSHING'S DISEASE
- KERATOCONJUNCTIVITIS SICCA
- MISSING TEETH

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### Afghan Hound

- CATARACT
- SUSCEPTIBLE TO HEPATITIS
- ELBOW JOINT MALFORMATION
- CORNEAL DYSTROPHY
- HYPOTHYROIDISM
- NECROTIZING MYELOPATHY

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### Airedale Terrier

- CEREBELLAR HYPOPLASIA
- UMBILICAL HERNIA
- TREMBLING OF HINDQUARTERS
- LYMPHOMA
- IDIOPATHIC (IMMUNEMEDIATED?) COLONIC DISEASE
- PRIMARY HYPOTHYROIDISM

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### Akita

- UMBILICAL HERNIA
- ENTROPION
- PROGRESSIVE RETINAL ATROPHY
- JUVENILE ONSET POLYARTHRITIS
- HARADA'S DISEASE

- PEMPHIGUS FOLIACEOUS
- DEAFNESS
- HIP DYSPLASIA
- ELBOW DYSPLASIA
- HYPO AND HYPERTHYROID

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## Alaskan Malamute

- HIP DYSPLASIA
- RECESSIVE HEMERLOPIA
- ANEMIA WITH CHONDRODYSPLASIA
- CHONDRODYSPLASIA
- FACTOR VII DEFICIENCY
- RENAL CORTICAL HYPOPLASIA
- HEMOPHILIA A, FACTOR VIII OR AHF DEFICIENCY
- CORNEAL DYSTROPHY
- HEREDITARY POLYNEUROPATHY
- DWARFISM

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## American Foxhound

- MICROPHTHALMIA
- DEAFNESS
- OSTEOCHONDROSIS OF THE SPINE
- THROMBOCYTOPATHY

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## American Staffordshire Terrier

- CATARACT
- CLEFTS OF LIP AND PALATE
- CUTANEOUS MAST CELL TUMORS
- PERSISTENT HYPERPLASTIC PRIMARY VITREOUS
- DEAFNESS
- PSEUDOPREGNANCY

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## American Water Spaniel

- HERMAPHRODITISM

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## Australian Cattle Dog

- PORTOSYSTEMIC ENCEPHALOPATHY
- LYSOSOMAL STORAGE DISEASE

- DEAFNESS
- ECZEMA

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## Australian Kelpie

- MICROPHTHALMIA/MULTIPLE COLOBOMAS

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## Australian Shepherd

- UMBILICAL HERNIA
- HIP DYSPLASIA
- MICROPHTHALMIA
- MULTIPLE OCULAR COLOBOMAS
- COLLIE EYE ANOMALY
- HEREDITARY DEAFNESS
- CATARACTS
- RETINAL DETACHMENT
- PROGRESSIVE RETINAL ATROPHY
- DWARFISM
- CLEFT PALATE
- SPINA BIFIDA
- NASAL SOLAR DERMATITIS

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## Australian Terrier

- LEGG-CALVE-PERTHES' DISEASE
- DIABETES MELLITUS

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# B

## Basenji

- INGUINAL HERNIA
  - UMBILICAL HERNIA
  - PYRUVATE KINASE DEFICIENCY
  - COLIFORM ENTERITIS
  - PERSISTENT PUPILLARY MEMBRANE
  - INTESTINAL MALABSORPTION
  - CORNEAL LEUKOMAS
  - RENAL TUBULAR DYSFUNCTION
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## Basset Hound

- INGUINAL HERNIA
- PRIMARY GLAUCOMA
- ANOMALY OF THIRD CERVICAL VERTEBRA
- PLATELET DISORDER
- ACHONDROPLASIA
- ECTROPION
- SECONDARY GLAUCOMA, LENS LUXATION
- OSTEOCHONDritis DISSECANS
- OSTEODYSTROPHY
- PATELLA LUXATION
- TORSION OF LUNG
- GASTRIC TORSION
- SPLENIC TORSION
- LAFORA'S DISEASE
- INTERDIGITAL INCLUSION CYSTS

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## Beagle

- EPILEPSY
- FACTOR VII DEFICIENCY
- LYMPHOCYTIC THYROIDITIS
- PRIMARY GLAUCOMA
- CATARACT
- CATARACT WITH MICROPTHALMIA
- MONONEPHROSIS
- CLEFTS OF LIP AND PALATE
- UMBILICAL HERNIA
- ECTASIA SYNDROME
- CTOCEPHALIC SYNDROME
- NECROTIZING PANOTITIS
- PULMONIC STENOSIS
- UNILATERAL KIDNEY APLASIA
- INTERVERTEBRAL DISC DISEASE
- MULTIPLE EPIPHYSEAL
- DYSPLASIA
- ATOPIC DERMATITIS
- DISTEMPER
- BRACHURY
- RENAL HYPOPLASIA
- AMYLOIDOSIS
- HYPERCHOLESTEROLEMIA
- PYRUVATE KINASE DEFICIENCY
- HEMOLYTIC ANEMIA
- PROGRESSIVE RETINAL ATROPHY
- DEAFNESS
- BLADDER CANCER
- BUNDLE BRANCH BLOCK
- HEMOPHILIA A, FACTOR VIII OR AHF DEFICIENCY

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## Bearded Collie

- PERSISTENT PUPILLARY MEMBRANES

- SUBVALVULAR AORTIC STENOSIS
- PROGRESSIVE RETINAL ATROPHY
- HIP DYSPLASIA
- FADING PIGMENTATION
- EPILEPSY
- PEMPHIGUS FOLIACEUS
- COLONIC DISEASE

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## Bedlington Terrier

- RETINAL DYSPLASIA
- RENAL CORTICAL HYPOPLASIA
- OSTEOGENESIS IMPERFECTA
- COPPER TOXICOSIS
- LACRIMAL DUCT ATRESIA
- DISTICHIASIS

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## Belgian Malinois

- HIP DYSPLASIA
- EPILEPSY

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## Belgian Sheepdog

- EPILEPSY
- HIP DYSPLASIA
- NEOPLASIA

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## Belgian Tervuren

- EPILEPSY
- HYPOTHYROIDISM
- PANCREATIC PROBLEMS

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## Bernese Mountain Dog

- CLEFT PALATE AND LIP
- BLUE EYES
- HIP DYSPLASIA
- OSTEOCHONDRITIS DISSECANS
- UMBILICAL HERNIA
- CEREBELLAR DEGENERATION
- ELBOW DYSPLASIA
- TREMORS IN HEAD & LIMBS

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## Bichon Frise

- EPILEPSY
- LUXATING PATELLA
- HEAVY TARTAR FORMATION
- PEMPHIGUS

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## Black & Tan Coonhound

- HEMOPHILIA B
- HIP DYSPLASIA
- ECTROPION
- POLYRADICULONEURITIS
- FACTOR IX DEFICIENCY

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## Bloodhound

- ENTROPION
- UTERINE INERTIA
- MALOCCLUSION
- BLOAT
- BONE GROWTH DISTURBANCE
- HIP & ELBOW DYSPLASIA
- EXTERNAL EAR INFECTIONS, HEMATOMA, MOIST DERMATITIS

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## Border Collie

- CENTRAL PROGRESSIVE RETINAL ATROPHY
- CORNEAL DYSTROPHY
- PATENT DUCTUS ARTERIOSUS
- OSTEOCHONDRITIS DISSECANS
- CEROID LIPUFUCSINOSIS
- CRYPTORCHIDISM
- DEAFNESS

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## Border Terrier

- OLIGODENDROGLIOMA
- PRIMARY UTERINE INERTIA
- AORTIC AND CAROTID BODY TUMORS
- CRYPTORCHIDISM
- HEMIVERTEBRAE
- VENTRICULAR SEPTAL DEFECTS
- MASTOCYTOMA
- CATARACT
- CRANIOMANDIBULAR OSTEOPATHY

- PATELLAR LUXATION
- PITUITARY TUMOR
- HIP DYSPLASIA
- PROGRESSIVE RETINAL ATROPHY

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## Borzoi

- MISSING TEETH
- BLOAT
- HYGROMAS
- CALCINOSIS CIRCUMSCRIPTA
- ASPERMATOGENESIS
- HYPOTHYROIDISM
- RETINAL DYSPLASIA

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## Boston Terrier

- CATARACT
- MASTOCYTOMA
- PITUITARY TUMOR
- OLIGODENDROGLIOMA
- HEMIVERTEBRAE
- LUXATING PATELLA
- CRANIOMANDIBULAR OSTEOPATHY
- AORTIC AND CAROTID BODY TUMORS
- DISTICHIASIS
- ANASARCA
- SWIMMERS
- HYDROCEPHALUS
- DEAFNESS
- ESOPHAGEAL ACHALASIA
- HETEROCHROMIA IRIDIS
- CUSHING'S SYNDROME
- LYMPHOPENIA EOSINOPHILIA
- CLEFT LIP AND PALATE
- PATENT DUCTUS ARTERIOSUS
- ENDOTHELIAL DYSTROPHY
- HYPERTROPHY OF THE NICTITANS GLAND
- DYSTOCIA
- CROSSED EYES
- STENOTIC NARES
- SCROTAL AND INGUINAL HERNIAS
- INSUSSUSCEPTION
- PSEUDOCYESIS AND PYOMETRA
- GLAUCOMA
- INHALANT ALLERGIES
- VASCULAR RING ANOMALY

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## Bouvier de Flandres

- DYSTOCIA
- UMBILICAL HERNIA

- CLEFT PALATE
- CYSTIC OVARIES
- ENDOMETRITIS
- LYMPHOSARCOMA
- GASTRIC TORSION
- ENTROPION
- ELBOW DYSPLASIA

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## Boxer

- GINGIVAL HYPERPLASIA
- DERMOID CYSTS
- MASTOCYTOMA
- HISTIOCYTOMA
- OLIGODENDROGLIOMA
- ABNORMAL DENTITION
- UNILATERAL CRYPTORCHIDISM
- CYSTINURIA
- PULMONIC STENOSIS
- ENDOCARDIAL FIBROELASTOSIS
- ATRIAL SEPTAL DEFECTS
- INTERVERTEBRAL DISC DEGENERATION
- ULCERATIVE KERATITIS
- GRANULOMATOUS COLITIS
- FACTOR II HYPOPROTHROMBINEMIA
- VAGINAL HYPERPLASIA
- DISTICHIASIS
- ESOPHAGEAL DILATATION
- GASTRIC TORSION
- SPONDYLOSIS DEFORMITY
- SINUS ARRHYTHMIA
- DILATED CARDIOMYOPATHY
- HYPERADRENOCORTICISM
- HYPOTHYROIDISM
- CENTRAL & PERIPHERAL NEUROPATHY
- DEAFNESS
- AORTIC AND CAROTID BODY TUMORS
- FIBROSARCOMA
- MELANOMA
- ATOPY

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## Briard

- HYPOTHYROIDISM
- PROGRESSIVE RETINAL ATROPHY
- HIP DYSPLASIA
- GASTRIC TORSION
- RENAL DYSPLASIA

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## Brittany

- HEMOPHILIA A



- LUXATING PATELLA
  - HIP DYSPLASIA
  - EPILEPSY
  - LIP FOLD DERMATITIS
  - UNILATERAL CRYPTORCHIDISM
  - FACTOR VIII OR AHF DEFICIENCY
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## Brussels Griffon

- DISLOCATION OF THE SHOULDER
  - DISTICHIASIS
  - BRACHYCEPHALY
  - HYDROCEPHALUS
  - LEAKER PUPPIES
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## Bull Terrier

- DEAFNESS
  - RECESSIVE UMBILICAL HERNIA
  - INGUINAL HERNIA
  - "SPINNING SYNDROME" FORM OF EPILEPSY
  - PHOTO-INDUCED ACRODERMATITIS
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## Bulldog

- HYDROCEPHALUS
- PREDISPOSITION TO DYSTOCIA
- ANASARCA
- CLEFTS OF LIP AND PALATE
- ABNORMAL DENTITION
- TRACHEAL HYPOPLASIA
- PULMONIC STENOSIS
- MITRAL VALVE DEFECTS
- ARTERIOVENOUS FISTULA
- SPINA BIFIDA
- OLIGODENDROGLIOMA
- BRACHURY
- BRACHYCEPHALY
- HEMOPHILIA A, FACTOR VIII OR AHF DEFICIENCY
- VAGINAL HYPERPLASIA
- ENTROPION
- KERATITIS SICCA
- FACIAL FOLD DERMATITIS
- ELONGATED SOFT PALATE
- DISTICHIASIS
- OPEN URETHRA
- CRANIAL BIFIDA
- MUZZLE PYODERMA
- ARRESTED UTERINE DEVELOPMENT
- FOLLICULAR CONJUNCTIVITIS
- STENOTIC NARES
- HIP DYSPLASIA

- PROLAPSED MALE URETHRA
- HAWS
- FLACCID SHOULDER JOINTS
- REFLEX REGURGITATION
- PYLORIC STENOSIS
- SCHISTOSOMUS REFLEXES
- CANINE LYMPHOMA
- CUTANEOUS MAST CELL TUMORS
- ELBOW DYSPLASIA
- HYPOTHYROIDISM
- DEAFNESS

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## Bullmastiff

- ABNORMAL DENTITION
- VAGINAL HYPERPLASIA
- ENTROPION
- BRACHURY
- SCREW TAIL
- CLEFT PALATE
- PROGRESSIVE RETINAL ATROPHY
- GLAUCOMA
- HIP AND ELBOW DYSPLASIA
- CONTACT DERMATITIS, ALOPECIA & DERMATITIS
- BLOAT
- CERVICAL VERTEBRAL MALFORMATION

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## C

### Cairn Terrier

- INGUINAL HERNIA
- CRANIOMANDIBULAR OSTEOPATHY
- CYSTINURIA
- HEMOPHILIA A, FACTOR VIII OR AHF DEFICIENCY
- HEMOPHILIA B, FACTOR IX DEFICIENCY
- GLOBOID CELL LEUKODYSTROPHY
- VON WILLEBRAND'S DISEASE
- SECONDARY GLAUCOMA
- ABERRANT CILIA
- CEREBELLAR HYPOPLASIA

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### Canaan Dog

- EPILEPSY
- HIP DYSPLASIA

- PROGRESSIVE RETINAL ATROPHY
- HYPO AND HYPERTHYROIDIS
- DIABETES
- UNILATERAL CRYPTORCHIDISM

## **Cardigan Welsh Corgi**

- GENERALIZED PROGRESSIVE RETINAL ATROPHY
- CYSTINURIA
- DYSTOCIA
- LENS LUXATION, GLAUCOMA
- LUXATED LUMBAR INTERVERTEBRAL DISC

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## **Cavalier King Charles Spaniel**

- DIABETES MELLITUS
- FLY BITING" SYNDROME
- PATELLAR LUXATION
- CATARACT
- EPISODIC WEAKNESS AND COLLAPSE AFTER EXERCISE; CONSCIOUSNESS REMAINS
- SYRINGOMYELIA
- MITRAL VALVE DISEASES

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## **Chesapeake Bay Retriever**

- ENTROPION
- PROGRESSIVE RETINAL ATROPHY

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## **Chihuahua**

- HYDROCEPHALUS
- PULMONIC STENOSIS
- MITRAL VALVE DEFECTS
- HEMOPHILIA A; FACTOR VIII; AHF DEFICIENCY
- DISLOCATION OF THE SHOULDER
- PATELLA LUXATION
- COLLAPSED TRACHEA
- HYPOPLASIA OF DENS
- KERATITIS SICCA
- SECONDARY GLAUCOMA
- CORNEAL EDEMA
- IRIS ATROPHY
- CLEFT PALATE
- HYPOGLYCEMIA
- FATTY LIVER SYNDROME

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## **Chinese Crested**

- SUNBURN
- BLACKHEADS
- SKIN ALLERGIES

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## Chinese Sharpei

- STENOTIC NARES
- PARROT MOUTH
- ENTROPION
- PHOTOPHOBIA
- BLEPHAROSPASM
- KERATITIS SICCA
- LUXATING PATELLA
- HIP & ELBOW DYSPLASIA
- INTERDIGITAL ERYTHEMA
- STAPHYLOCOCCAL DERMATITIS
- INGUINAL HERNIA
- HIATAL HERNIA
- PRIMARY MEGAESOPHAGUS
- IDIOPATHIC MUCINOSIS
- SWOLLEN HOCK SYNDROME
- RENAL AMYLOIDOSIS
- CILIARY DYSKINESIS

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## Chow Chow

- BRACHURY
- HYPOTHYROIDISM
- ENTROPION
- DISTICHIASIS
- NARROW PALPEBRAL FISSURE
- ELONGATED SOFT PALATE
- CLEFT PALATE
- HIP DYSPLASIA
- ELBOW DYSPLASIA
- KERATOCONJUNCTIVITIS
- CEREBELLAR HYPOPLASIA
- BLOAT
- CATARACT
- PERSISTENT PUPILLARY MEMBRANE
- NYSTAGMUS
- RETINAL FOLDS
- MICROPHthalmia

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## Clumber Spaniel

- ECTROPION
- UTERINE INERTIA
- HIP DYSPLASIA
- MISSING ADULT TEETH
- UNDERSHOT JAW

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## Cocker Spaniel

- DISTICHIASIS
- CATARACT
- CATARACT WITH MICROPHTHALMIA
- PRIMARY GLAUCOMA
- HYDROCEPHALUS INTERNAL
- RENAL CORTICAL HYPOPLASIA
- FACTOR X DEFICIENCY
- PATENT DUCTUS ARTERIOSUS
- CLEFT LIP & PALATE
- OVER & UNDERSHOT JAW
- CRANIOSCHISIS
- UMBILICAL HERNIA
- TAIL ABNORMALITIES
- HIP DYSPLASIA
- INTERVERTEBRAL DISC DISEASE
- INGUINAL HERNIA
- POLYGENIC BEHAVIOR ABNORMALITIES
- ANASARCA
- HERMAPHRODITISM
- HEMOPHILIA B, FACTOR IX DEFICIENCY
- ECTROPION
- HYPERTROPHY OF THE NICTITANS GLAND
- PROGRESSIVE RETINAL ATROPHY
- TRICHIASIS
- NASOLACRIMAL PUNCTA ATRESIA
- REVERSE REAR LEGS
- ENTROPION
- PATELLAR LUXATION
- ALLERGIES
- SEBORRHEA
- EPIDERMAL CYSTS
- LIP FOLD PYODERMA
- TONSIL ENLARGEMENT
- CRYPTORCHIDISM
- ELBOW DYSPLASIA
- ESOPHAGEAL ACHALASIA
- RETINAL DYSPLASIA
- IDIOPATHIC FACIAL PARALYSIS
- CEREBELLAR DEGENERATION
- RENAL AMYLOIDOSIS
- URINARY CALCULI
- CHRONIC LIVER DISEASE
- PRIMARY HYPOTHYROIDISM
- DEAFNESS
- SKIN NEOPLASIA

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## Collie

- EPILEPSY
- DEAFNESS
- UMBILICAL HERNIA
- PATENT DUCTUS ARTERIOSUS
- HEMOPHILIA A; FACTOR VIII; OR AHF DEFICIENCY

- MICROPHTHALMIA
- OPTIC NERVE HYPOPLASIA
- RECESSIVE ECTASIA
- AUTOSOMAL RECESSIVE CYCLIC NEUTROPENIA
- HETEROCHROMIA IRIDIS
- INGUINAL HERNIA
- DWARFISM
- DISTICHIASIS
- CORNEAL DYSTROPHY
- CHOROIDAL HYPOPLASIA
- PROGRESSIVE RETINAL ATROPHY
- COLOBOMA
- HIDRADIVITIS
- BLADDER CANCER
- PATENT DUCTUS ARTERIOSUS
- ACHONDROPLASIA

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## Curly Coated Retriever

- CUSHING'S SYNDROME
- PSEUDOCUSHING'S SYNDROME
- HYPOTHYROID
- CALCIUM METABOLIC DISORDERS
- JUVENILE OSTEOPOROSIS
- BILATERAL ALOPECIA

## D

### Dachshund

- CLEFT LIP & PALATE
- OVER AND UNDERSHOT JAW
- INTERVERTEBRAL DISC DISEASE
- OSTEOPETROSIS
- CYSTINURIA
- DIABETES MELLITUS
- DEAFNESS
- MICROPHTHALMIA
- ECTASIA SYNDROME
- UVEODERMATOLOGIC SYNDROME
- RENAL HYPOPLASIA
- HETEROCHROMIA IRIDIS
- ACHONDROPLASIA OF THE LIMBS
- KERATOCONJUNCTIVITIS SICCA
- DERMOID CYSTS
- ATYPICAL PANNUS
- ECTASIA OF SCLERA
- UNUNITED ANCONEAL PROCESS
- PANNICULITIS

- SENSORY NEUROPATHY
- UROLITHS
- IDIOPATHIC EPILEPSY
- PATTERN BALDNESS
- ENTROPION
- CUSHING'S SYNDROME
- PROGRESSIVE RETINAL ATROPHY
- HYPOTHYROIDISM
- PEMPFIGUS FOLIACEOUS

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## Dalmatian

- URIC ACID STONES
- DEAFNESS
- GLOBOID CELL LEUKODYSTROPHY
- MUSCULAR DYSTROPHY
- ATOPIC DERMATITIS
- GLAUCOMA
- MALOCCLUSION
- TRICHIASIS
- BACTERIURIA
- TUBULAR TRANSPORT DYSFUNCTION

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## Dandie Dinmont Terrier

- INTERVERTEBRAL DISC SYNDROME
- MISSING TEETH
- PATELLAR LUXATION
- HIP DYSPLASIA
- CUSHING'S SYNDROME
- SHOULDER SUBLUXATION AND LUXATION
- ELBOW SUBLUXATION
- CANINE LYMPHOMA

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## Doberman Pinscher

- RENAL CORTICAL HYPOPLASIA
- WOBBLER'S SYNDROME
- POLYOSTITIC FIBROUS DYSPLASIA
- VON WILLEBRAND'S DISEASE
- MISSING TEETH
- CRANIOMANDIBULAR OSTEOPATHY
- BUNDLE OF HIS DEGENERATION
- FLANK SUCKING
- NARCOLEPSY
- IMMUNE COMPLEX DISORDERS
- GLOMERULOPATHY
- FOLLICULAR DYSPLASIA
- OSTEOSARCOMA
- DILATED CARDIOMYOPATHY
- ELBOW DYSPLASIA
- ARTEROSCLEROSIS

- DEAFNESS
  - HEMOPHILIA A
  - PERSISTENT HYPERPLASTIC VITREOUS
  - LIVER COPPER STORAGE DISEASE
  - ALOPECIA
  - CHRONIC ACTIVE HEPATITIS
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## E

### English Cocker Spaniel

- GENERALIZED PROGRESSIVE RETINAL ATROPHY
  - GLAUCOMA
  - CRYPTORCHIDISM
  - PSEUDOHERMAPHRODITISM
  - SWIMMERS
  - CATARACTS
  - SHORT TOE" ANOMALY
  - DEAFNESS
  - HEMOPHILIA A
  - JUVENILE AMAUROTIC IDIOCY
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### English Foxhound

- OSTEOCHONDROSIS OF THE SPINE
  - DEAFNESS
- 

### English Setter

- RECESSIVE JUVENILE AMAUROTIC IDIOCY
  - HEMOPHILIA A; FACTOR VIII; AHF DEFICIENCY
  - CRANIOMANDIBULAR OSTEOARTHROPATHY
  - ECLAMPSIA
  - PROGRESSIVE RETINAL ATROPHY
  - HIP DYSPLASIA
  - UTERINE INERTIA
  - DEAFNESS
  - HYPOGLYCEMIA
  - PYODERMA
  - CARCINOMA AND LYMPHOSARCOMA OF ORAL AND NASAL CAVITY
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### English Springer Spaniel



- CENTRAL PROGRESSIVE RETINAL ATROPHY
  - CUTANEOUS ASTHENIA
  - CONGENITAL SEBORRHEA
  - ECTROPION
  - FACTOR XI DEFICIENCY
  - GLAUCOMA
  - DISTICHIASIS
  - OTITIS EXTERNA
  - PRIMARY RETINAL DYSTROPHY
  - HIP DYSPLASIA
  - PHOSPHOFRUCTOKINASE DEFICIENCY
  - MYASTHENIA GRAVIS
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## English Toy Spaniel

- PATELLAR LUXATION
  - CLEFT PALATE
  - UMBILICAL HERNIA
  - DIABETES MELLITUS
  - EPISODIC COLLAPSE
  - EPILEPSY
  - CONGENITAL FEMORAL SHIFT
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## F

### Field Spaniel

- HYPOTHYROIDISM
  - PYOMETRA
  - HIP DYSPLASIA
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### Finnish Spitz

- PEMPHIGUS FOLIACEOUS
  - CLEFT PALATE
  - ECTASIA
  - LUXATED PATELLA
  - ADULT ONSET EPILEPSY
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### Flat Coated Retriever

- HISTIOSARCOMA
- LUXATING PATELLA

- HIP DYSPLASIA
  - GLAUCOMA
  - EPILEPSY
  - DIABETES INSIPIDUS
  - MEGAESOPHAGUS
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## **Fox Terrier**

- DEAFNESS
  - IDIOPATHIC EPILEPSY
  - DEMYELINATION OF THE SPINAL CORD
  - LENS LUXATION
  - COLONIC DISEASE
  - GOITER
  - RECESSIVE OLIGODONTIA
  - DISLOCATION OF THE SHOULDER
  - PULMONIC STENOSIS
  - ATOPIC DERMATITIS
  - LEGG-PERTHES DISEASE
  - DISTICHIASIS
  - CATARACT
  - PERSISTENT AORTIC ARCH
  - ESOPHAGEAL ACHALASIA
  - ECTOPIC URETER
  - MYASTHENIA GRAVIS
  - GLAUCOMA
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## **French Bulldog**

- HEMIVERTEBRAE
  - BRACHURY
  - HEMOPHILIA A; FACTOR VIII; AHF DEFICIENCY
  - HEMOPHILIA B; FACTOR IX DEFICIENCY
  - CLEFT PALATE AND LIP
  - ELONGATED SOFT PALATE
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# **G**

## **German Shepherd**

- CLEFT LIP AND PALATE
- PITUITARY DWARFISM
- EOSINOPHILIC PANOSTEITIS
- EPILEPSY
- HEMOPHILIA A, FACTOR VIII OR AHF DEFICIENCY
- RENAL CORTICAL HYPOPLASIA

- CYSTINURIA
- FIBROUS SUBAORTIC STENOSIS
- VON WILLEBRAND'S DISEASE
- PERSISTENT RIGHT AORTIC ARCH
- ECTASIA SYNDROME
- BILATERAL CATARACT
- EVERTED NICTITATING MEMBRANE
- HIP DYSPLASIA
- CONJUNCTIVAL DERMOID CYST
- ULCERATIVE COLITIS
- PANNUS
- ELBOW DYSPLASIA
- MALABSORPTION SYNDROME
- SPINAL NEUROPATHY
- OSTEOSARCOMA
- OSTEOCHONDRITIS DISSECANS
- SILICA UROLITHS
- HYPOTHYROIDISM
- DEAFNESS
- ATOPIC DERMATITIS
- ESOPHAGEAL ACHALASIA
- PANCREATIC INSUFFICIENCY
- NODULAR DERMATOFIBROSIS WITH RENAL CYSTADENOCARCINOMA
- UTERINE LEIOMYOMAS
- PHIMOSIS
- AXONOPATHY
- CALCINOSIS CIRCUMSCRIPTA

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## German Shorthaired Pointer

- LYMPHEDEMA
- SUBAORTIC STENOSIS
- EVERTED NICTITATING MEMBRANE
- AMAUROTIC IDIOCY
- PANNUS
- THROMBOCYTOPATHY
- VON WILLEBRAND'S DISEASE
- MALOCCLUSION
- ENTROPION
- FIBROSARCOMA
- MELANOMA
- PSEUDOHERMAPHRODITISM

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## German Wirehaired Pointer

- SUBCUTANEOUS CYSTS
- MALOCCLUSION

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## Giant Schnauzer

- HIP DYSPLASIA
- OSTEOCHONDRITIS DISSECANS

- SEBORRHEA
- VON WILLEBRAND'S DISEASE
- MALABSORPTION OF COBALAMIN
- HYPOTHYROIDISM

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## Golden Retriever

- BILATERAL CATARACT
- CATARACT WITH MICROPHthalmIA
- PROGRESSIVE RETINAL ATROPHY (CENTRAL)
- VON WILLEBRAND'S DISEASE
- DISTICHIASIS
- INHALANT ALLERGIES
- HYPOTHYROIDISM
- SUBVALVULAR AORTIC STENOSIS
- OSTEOSARCOMA
- ELBOW DYSPLASIA
- MUSCULAR DYSTROPHY
- HIP DYSPLASIA
- ENTROPION
- CEREBELLAR HYPOPLASIA
- DIAPHRAGMATIC HERNIA
- HEMOPHILIA A; FACTOR VIII; AHF DEFICIENCY

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## Gordon Setter

- PROGRESSIVE RETINAL ATROPHY
- TAIL DEFORMITIES
- HIP DYSPLASIA
- CEREBELLAR CORTICAL ABIOTROPHY
- HYPOTHYROIDISM

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## Great Dane

- MICROPHthalmIA
  - EVERSION OF NICTITATING MEMBRANE
  - DEAFNESS
  - CYSTINURIA
  - MITRAL VALVE DEFECTS
  - WOBBLER'S SYNDROME
  - STOCKARD'S PARALYSIS
  - HETEROCHROMIA IRIDIS
  - CERVICAL CALCINOSIS CIRCUMSCRIPTA
  - OSTEochondRITIS DISSECANS
  - NECROTIZING MYELOPATHY
  - BLOAT
  - METABOLIC BONE DISEASE
  - OSTEOSARCOMA
  - CEREBELLAR HYPOPLASIA
  - ELBOW DYSPLASIA
-

## Great Pyrenees

- FACTOR XI DEFICIENCY
- ENTROPION
- HIP DYSPLASIA
- ACHONDROPLASIA
- SWIMMERS
- MALOCCLUSION
- ANOPHTHALMIA
- DEAFNESS
- BRITTLE BONE SYNDROME
- MISSING THORACIC WALL
- CATARACTS
- PERSISTENT HYALOID ARTERY
- MONORCHIDISM
- CRYPTORCHIDISM
- CLEFT PALATE

## Greyhound

- HEMOPHILIA A; FACTOR VII; AHF DEFICIENCY
- DYSTOCIA
- SHORT SPINE
- ESOPHAGEAL ACHALASIA
- LENS LUXATION
- AZOTURIA-LIKE DISEASE
- VON WILLEBRAND'S DISEASE
- BLOAT

---

## H

### Harrier

- MALOCCLUSION

---

## J

### Japanese Chin

- MONORCHIDISM
  - ACHONDROPLASIA
- 

## K

### Keeshond

- EPILEPSY
  - MITRAL VALVE DEFECTS
  - TETROLOGY OF FALLOT
  - RENAL CORTICAL HYPOPLASIA
  - ABERRANT CILIA
  - PREDISPOSITION TO MELANOMA
  - SEBACEOUS CYSTS
  - HYPOTHYROIDISM
  - CONUS SEPTAL DEFECTS
- 

### Kerry Blue Terrier

- HAIR FOLLICLE TUMORS
  - SPICULOSIS
  - CEREBELLAR CORTICAL AND EXTRAPYRAMIDAL NUCLEAR ABIOTROPHY
  - NARROW PALPEBRAL FISSURE
  - ENTROPION
  - KERATOCONJUNCTIVITIS SICCA
  - DISTICHIASIS
  - UNUNITED ANCONEAL PROCESS
- 

### Komondorok

- HIP DYSPLASIA
  - ENTROPION
- 

### Kuvasz

- HIP DYSPLASIA
- DEAFNESS

# L

## Labrador Retriever

- BILATERAL CATARACT
- RETINAL DYSPLASIA
- PROGRESSIVE RETINAL ATROPHY
- HEMOPHILIA A, FACTOR VIII OR AHF DEFICIENCY
- CYSTINURIA
- CARPAL SUBLUXATION
- CRANIOMANDIBULAR OSTEOPATHY
- DWARFISM ASSOCIATED WITH RETINAL DYSPLASIA
- DEFICIENCY OF TYPE II MUSCLE FIBERS
- ENTROION
- HIP DYSPLASIA
- SHOULDER DYSPLASIA
- HYPOGLYCEMIA
- HYPOTHYROIDISM
- HYPERTROPHIC OSTEODYSTROPHY
- DIABETES
- MISSING TEETH
- PROLAPSED RECTUM
- MELANOMA
- PROLAPSED UTERUS
- CONGENITAL PHIMOSIS AND CUTANEOUS MAST CELL TUMORS
- COLOBOMA
- DISTICHIASIS
- CONGENITAL HYPOTRICHOSIS
- MEGAESOPHAGUS
- FOOD ALLERGY
- LEUKOTRICHIA
- VITAMIN A RESPONSIVE DERMATITIS
- DACROCYSTITIS
- PERSISTENT HYALOID ARTERY
- PERSISTENT PUPILLARY MEMBRANE
- COPPER TOXICOSIS
- FACTOR IX DEFICIENCY
- ELBOW OSTEOCHONDROSIS
- MUSCULAR DYSTROPHY
- RECEPTOR DYSTROPHY
- UNUNITED ANCONEAL PROCESS
- EPILEPSY
- HEREDITARY MYOPATHY
- ATHEROSCLEROSIS

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## Lakeland Terrier

- LENS LUXATION
- DISTICHIASIS
- UNUNITED ANCONEAL PROCESS
- UNDERSHOT JAW
- CRYPTORCHIDISM

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## Lhasa Apso

- RENAL CORTICAL HYPOPLASIA
- INGUINAL HERNIA
- LISSENCEPHALY
- UMBILICAL HERNIA
- DISTICHIASIS
- ABERRANT CILIA
- PROGRESSIVE RETINAL ATROPHY
- ENTROPION
- PATELLAR LUXATION
- LACK OF ADH
- UROLITHS
- HIP DYSPLASIA
- INHALANT ALLERGIES
- HYPOTRICHOSIS
- CORNEAL ULCERS

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## M

### Maltese

- ABERRANT CILIA
- HYDROCEPHALUS
- HYPOGLYCEMIA
- PATELLAR LUXATION
- MONORCHIDISM
- CRYPTORCHIDISM
- DEAFNESS
- BLINDNESS
- MALOCCLUSION
- HYPERTROPHIC PYLORIC GASTROPATHY

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### Manchester Terrier

- LUXATING LENS, SECONDARY GLAUCOMA
- HYPERTROPHIC PYLORIC GASTROPATHY
- LEGG-PERTHES DISEASE
- CUTANEOUS ASTHENIA
- EPILEPSY

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### Mastiff



- VAGINAL HYPERPLASIA
- PERSISTENT PUPILLARY MEMBRANES
- ECTROPION
- BLOAT
- ELBOW DYSPLASIA

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## Miniature Bull Terrier

- NONE RECOGNIZED

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## Miniature Pinscher

- DISLOCATION OF THE SHOULDER
- INGUINAL HERNIA
- LEGG-PERTHES DISEASE
- PROGRESSIVE RETINAL ATROPHY
- LACK OF PIGMENT

---

## Miniature Schnauzer

- BILATERAL CATARACT
- PULMONIC STENOSIS
- VON WILLEBRAND'S DISEASE
- CYSTITIS AND BLADDER STONES
- NEPHRITIS
- SCHNAUZER COMEDOME SYNDROME
- CRYPTORCHIDISM
- SINOATRIAL SYNCOPE
- JUVENILE CATARACT
- LEGG-PERTHES DISEASE
- PSEUDOHERMAPHRODITISM
- ESOPHAGEAL ACHALASIA
- JUVENILE RENAL DISEASE
- PROGRESSIVE RETINAL ATROPHY
- SPINALIOMAS
- ALLERGIES, FOOD & INHALANT
- SERTOLI CELL TUMOR
- MEGAESOPHAGUS
- MUSCULAR DYSTROPHY
- HYPERLIPIDEMIA
- MICROPTHALMIA
- ATHEROSCLEROSIS

## Newfoundland

- SUBVALVULAR AORTIC STENOSIS
- ENTROPION
- PATENT DUCTUS ARTERIOSUS
- VENTRICULAR SEPTAL DEFECT
- CARDIOMYOPATHY
- DERMOID CYST OF THE CORNEA
- ELBOW DYSPLASIA
- ECTOPIC URETER
- UNUNITED ANGONEAL PROCESS
- BLOAT
- HOT SPOTS
- HIP DYSPLASIA
- PEMPHIGUS FOLIACEOUS

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## Norwegian Elkhound

- PROGRESSIVE RETINAL ATROPHY
- CATARACTS
- RENAL CORTICAL HYPOPLASIA
- SUBCUTANEOUS CYSTS
- SEBORRHEA
- GLAUCOMA
- KERATOACANTHOMA

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## Norwich Terrier

- SUMMER ECZEMA

## O

## Old English Sheepdog

- BILATERAL CATARACT
  - RETINAL DETACHMENT
  - HIP DYSPLASIA
  - JUVENILE CATARACT
  - ELONGATED TONGUE
  - WOBBLER'S SYNDROME
  - BLOAT
  - METACHONDRIAL MYOPATHY
  - IMMUNE MEDIATED HEMOLYTIC ANEMIA
-

## Otter Hound

- THROMBOCYTOPATHY WITH GIANT PLATELETS
  - HIP DYSPLASIA
  - SEBACEOUS CYSTS
  - ELBOW DYSPLASIA
- 

## P

## Papillon

- ANASARCA
  - PATELLAR LUXATION
  - ENTROPION
  - DEAFNESS
  - PEKINGESE UMBILICAL HERNIA
  - INGUINAL HERNIA
  - HYPOPLASIA OF DENS
  - INTERVERTEBRAL DISC DISEASE
  - TRICHIASIS
  - DISTICHIASIS
  - "SWIMMERS"
  - UROLITHS
  - ATYPICAL PANNUS
  - LACRIMAL DUCT ATRESIA
  - JUVENILE CATARACT
  - PROGRESSIVE RETINAL ATROPHY
  - MICROPTHALMIA
  - ELONGATED SOFT PALATE
  - DYSTOCIA
  - PERSISTENT PENILE FRENULUM
  - CRYPTORCHIDISM
- 

## Pembroke Welsh Corgi

- PROGRESSIVE RETINAL ATROPHY
- CYSTINURIA
- DYSTOCIA
- CERVICAL DISC DISEASE
- EPILEPSY
- LENS LUXATION WITH SECONDARY GLAUCOMA
- CUTANEOUS ASTHENIA
- DERMOID CYSTS
- HIP DYSPLASIA
- "SWIMMERS"
- VON WILLEBRAND'S DISEASE

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## Petit Basset Griffon Vendeen

- EPILEPSY
- HIP DYSPLASIA
- RETINAL FOLDS

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## Pharoah Hound

- LYMPHOCYTIC-PLASMACYTIC GASTRITIS

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## Pointer

- BILATERAL CATARACT
- NEUROTROPIC OSTEOPATHY
- UMBILICAL HERNIA
- BITHORACIC ECTROMELIA
- PROGRESSIVE RETINAL ATROPHY
- ENTROPION
- CALCINOSIS CIRCUMSCRIPTA
- EOSINOPHILIC PANOSTITIS
- SENSORY NEUROPATHY
- DEAFNESS
- NEUROMUSCULAR ATROPHY
- HIP DYSPLASIA
- INHERITED DWARFISM
- EPILEPSY
- POMERANIAN PATENT DUCTUS ARTERIOSUS
- HYPOPLASIA OF DENS
- PATELLA LUXATION
- DISLOCATION OF THE SHOULDER
- TRACHEAL COLLAPSE
- EPIPHORA
- NASOLACRIMAL PUNCTA ATRESIA
- PROGRESSIVE RETINAL ATROPHY
- OPEN FONTANELLES
- CRYPTORCHIDISM
- GLYCOGEN STORAGE DISEASE
- DWARFISM AND DYSOCIA

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## Poodle, Miniature & Toy

- DISTICHIASIS
- ATOPY
- ACHONDROPLASIA
- EPIPHYSEAL DYSPLASIA
- OSTEOGENESIS IMPERFECTA
- PATENT DUCTUS ARTERIOSUS
- PROGRESSIVE RETINAL ATROPHY
- CEREBROSPINAL DEMYELINATION

- EPILEPSY
- SYMMETRICAL ALOPECIA
- LACRIMAL DUCT ATRESIA
- EPIPHORA
- MICROPHTHALMIA
- JUVENILE CATARACTS
- ATYPICAL PANNUS
- HEMOPHILIA A, FACTOR VIII OR AHF DEFICIENCY
- VON WILLEBRAND'S DISEASE
- RETINAL ATROPHY
- RETINAL DETACHMENT
- HEMERALOPIA
- ECTOPIC URETERS
- CONGENITAL DEAFNESS
- PATELLAR LUXATION
- ENTROPION
- INTERVERTEBRAL DISC DEGENERATION
- ROBERTSONIAN TRANSLOCATION
- OPTIC NERVE HYPOPLASIA
- LENS-INDUCED UVEITIS
- PROGRESSIVE ROD-CONE DEGENERATION
- LEGG-PERTHES DISEASE
- RENAL DYSPLASIA
- NARCOLEPSY
- CYSTINURIA
- HEART VALVE INCOMPETENCE
- PYRUVATE KINASE DEFICIENCY
- ADULT ONSET GROWTH HORMONE DEFICIENCY
- TRICHIASIS
- GLAUCOMA
- NONSPHEROCYTIC HEMOLYTIC ANEMIA
- AMAUROTIC IDIOCY
- PERSISTENT PENILE FRENULUM
- HYOSPADIA
- PSEUDOHERMAPHRODITISM
- CRYPTORCHIDISM
- CUSHING'S DISEASE

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## **Poodle, Standard**

- DISTICHIASIS
- ATOPIC DERMATITIS
- OSTEOGENESIS IMPERFECTA
- PROGRESSIVE RETINAL ATROPHY
- EPILEPSY
- LACRIMAL DUCT ATRESIA
- EPIPHORA
- MICROPHTHALMIA
- JUVENILE CATARACT
- ATYPICAL PANNUS
- HEMOPHILIA A, FACTOR VIII ORAHF DEFICIENCY
- VON WILLEBRAND'S DISEASE
- IRIS ATROPHY
- RETINAL DETACHMENT
- BLOAT
- SEBACEOUS ADENITIS
- RENAL DYSPLASIA

- HIP DYSPLASIA
- ENTROPION
- PATENT DUCTUS ARTERIOSUS
- DILUTE COLOR ALOPECIA
- HYPOTHYROIDISM
- ADULT ONSET GROWTH HORMONE DEFICIENCY

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## Portugese Water Dog

- GANGLIODOSIS
- "PUPPY EYE" SYNDROME
- ADDISON'S DISEASE
- PROGRESSIVE RETINAL ATROPHY
- CARDIOMYOPATHY
- FOLLICULAR DYSPLASIA

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## Pug

- TRICHIASIS
- MALE PSEUDOHERMAPHRODITISM
- PIGMENTARY KERATITIS
- CLEFT PALATE AND LIPS
- ELONGATED SOFT PALATE
- ENTROPION
- INTERTRIGO
- DELAYED HEAT PROSTRATION
- ATYPICAL PANNUS
- DISTICHIASIS
- LEGG-PERTHES DISEASE
- STENOTIC NARES
- LUXATING PATELLA
- TRICHIASIS
- UROLITHIASIS
- ENCEPHALITIS

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## Puli

- HIP DYSPLASIA
- DEAFNESS

---

## R

## Rhodesian Ridgeback

- DERMOID SINUS
- CERVICAL VERTEBRAL DEFORMITY
- HIP DYSPLASIA
- LUMBOSACRAL TRANSITIONAL VERTEBRA
- HYPOTHYROIDISM
- CONGENITAL DEAFNESS

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## Rottweiler

- DIABETES MELLITUS
- ENTROPION
- ECTROPION
- HIP DYSPLASIA
- ELBOW DYSPLASIA
- OSTEOCHONDROSIS
- MUSCULAR DYSTROPHY
- FAMILIAL KIDNEY FAILURE
- VITILIGO
- SESAMOID DISEASE
- NEUROAXONAL DYSTROPHY
- LEUKOENCEPHALOMALACIA
- DEAFNESS

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## S

### St. Bernard

- STOCKARD'S PARALYSIS
- HEMOPHILIA A, FACTOR VIII OR AHF DEFICIENCY
- HEMOPHILIA B, FACTOR IX DEFICIENCY
- EVERSION OF NICTITATING MEMBRANE
- DERMOID CYST OF CORNEA
- APHAKIA WITH MULTIPLE COLOBOMAS
- OSTEOSARCOMA
- HEPATOARTERIOVENOUS FISTULA
- EPILEPSY
- FACTOR I DEFICIENCY, FIBRINOGEN DEFICIENCY
- DISTICHIASIS
- ENTROPION
- ECTROPION
- VAGINAL HYPERPLASIA
- LIP FOLD DERMATITIS
- METABOLIC BONE DISEASE
- GENU VALGUM
- SPLENIC TORSION
- ELBOW DYSPLASIA
- DEAFNESS

- EPITHELIAL CYSTS OF ANTERIOR PITUITARY
  - ACROMEGALY
  - OSTEOCHONDRITIS DISSECANS
  - DIABETES MELLITUS
  - RETAINED CARTILAGE OF DISTAL ULNA
  - LYMPHOMA
  - GASTRIC TORSION
  - CARDIOMYOPATHY
  - HYGROMA
  - HYPERTROPHIC OSTEOPATHY
  - UVEODERMATOLOGIC SYNDROME
- 

## Saluki

- RETINAL DETACHMENT
  - PROGRESSIVE RETINAL ATROPHY
  - BLACK HAIR FOLLICLE DYSPLASIA
- 

## Samoyed

- HEMOPHILIA A, FACTOR VIII OR AHF DEFICIENCY
  - DIABETES MELLITUS
  - PULMONIC STENOSIS
  - ATRIAL SEPTAL DEFECTS
  - PROGRESSIVE RETINAL ATROPHY
  - HIP DYSPLASIA
  - SEBACEOUS CYSTS
  - DWARFISM
  - MUSCULAR DYSTROPHY
  - HEREDITARY NEPHRITIS
  - DYSPLASIA OF PECTINATE LIGAMENTS
  - UVEODERMATOLOGIC SYNDROME
  - GROWTH HORMONE RESPONSIVE DERMATITIS
- 

## Schipperke

- NARROW PALPEBRAL FISSURE
  - ENTROPION
  - LEGG-PERTHES DISEASE
  - PEMPHIGUS FOLIACEOUS
  - HYPOTHYROIDISM
  - DERMATITIS
- 

## Scottish Deerhound

- GASTRIC TORSION



- LUNG TORSION
- SPLENIC TORSION
- OSTEOCHONDRITIS DISSECANS

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## Scottish Terrier

- VON WILLEBRAND'S DISEASE
- CRANIOMANDIBULAR OSTEOPATHY
- ACHONDROPLASIA
- MELANOMA
- DEAFNESS

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## Scottie

- CRAMP
- CYSTINURIA
- PRIMARY UTERINE INERTIA
- HISTIOCYTOMAS
- "SPLAY LEG"
- ALEXANDER'S DISEASE
- ATOPY
- BLADDER CANCER
- URINARY CALCULI
- LENS LUXATION
- ELBOW DYSPLASIA
- INTERVERTEBRAL DISC DISEASE
- CANINE LYMPHOMA
- PYOGRANULOMATOUS AND VASCULITIC DISORDER OF NASAL PLANUM
- PYOMETRA

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## Sealyham Terrier

- RETINAL DYSPLASIA
- LENS LUXATION
- DEAFNESS
- ATOPIC DERMATITIS

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## Shetland Sheepdog

- HEMOPHILIA A, FACTOR VIII OR AHF DEFICIENCY
- ECTASIA SYNDROME
- VON WILLEBRAND'S DISEASE
- ULCERATED APOCRINE GLANDS
- FAMILIAL DERMATITIS
- HIP DYSPLASIA
- NASAL SOLAR DERMATITIS
- PATENT DUCTUS ARTERIOSUS
- HETEROCHROMIA IRIDIS

- ACHONDROPLASIA
- CATARACT
- CENTRAL PROGRESSIVE RETINAL ATROPHY
- CHOROIDAL HYPOPLASIA
- COLOBOMA
- EPIDERMOLYSIS BULLOSA
- HYPOTHYROIDISM
- PEMPHIGUS FOLLIACEOUS
- DEAFNESS
- BLADDER CANCER
- MUSCULAR DYSTROPHY
- BILATERAL RENAL AGENESIS
- DISCOID LUPUS
- UVEODERMATOLOGIC SYNDROME

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## Shiba Inu

- REFLEX REGURGITATION
- LUXATED PATELLA
- UVEODERMATOLOGIC SYNDROME

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## Shih Tzu

- RENAL CORTICAL HYPOPLASIA
- CLEFT LIP AND PALATE
- VON WILLEBRAND'S DISEASE
- HYPERTROPHIC PYLORIC GASTROPATHY
- ENTROPION
- TRICHIASIS
- DERMOID CYSTS
- PROLAPSING NICTITANS GLAND
- CHRONIC KERATITIS
- CORNEAL ULCERS
- PROGRESSIVE RETINAL ATROPHY
- VITRIOL SYNERESIS
- RETINAL DETACHMENT
- HYPOSPADIA
- ACHONDROPLASIA
- ATOPY

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## Siberian Husky

- VON WILLEBRAND'S DISEASE
- PROGRESSIVE RETINAL ATROPHY
- CORNEAL DYSTROPHY
- GLAUCOMA
- DISTICHIASIS
- LIPIDOSIS
- UVEITIS
- ZINC DEFICIENCY
- CONGENITAL LARYNGEAL PARALYSIS
- HETEROCHROMIA IRIDIS

- HIP DYSPLASIA
  - HEMOPHILIA A
  - VENTRICULAR SEPTAL DEFECT
  - CATARACTS
  - DISCOID LUPUS
  - EPILEPSY
- 

## Silky Terrier

- TRACHEAL COLLAPSE
  - PATELLAR LUXATION
  - HYDROCEPHALUS
  - LEGG-PERTHES DISEASE
  - CRYPTORCHIDISM
  - DIABETES MELLITUS
  - LYSOSOMAL STORAGE DISEASE
  - COLOR DILUTE ALOPECIA
  - ODONTOID PROCESS DYSPLASIA
  - OCCIPITAL DYSPLASIA
- 

## Skye Terrier

- LARYNGEAL HYPOPLASIA
  - ULCERATIVE COLITIS
  - ENLARGED FORAMEN MAGNUM
  - MEGAESOPHAGUS
  - AUTOIMMUNE THYROID DISEASE
- 

## Skye

- HEPATITIS
  - PREMATURE CLOSURE OF THE DISTAL RADIUS
- 

## Spinoni

- THYROID DISORDERS
  - HIP DYSPLASIA
  - VAGINAL PROLAPSE
- 

## Standard Schnauzer

- HEMOPHILIA A, FACTOR VIII OR AHF DEFICIENCY
- ATRESIA OF NASOLACRIMAL PUNCTA
- CATARACT
- NARROW PALPEBRAL FISSURE

- PULMONIC STENOSIS
  - PERIANAL ADENOMAS
  - HYPOTHYROIDISM
  - HIP DYSPLASIA
  - FOLLICULAR DERMATITIS
- 

## Sussex Spaniel

- INTERVERTEBRAL DISC DISEASE
  - CARDIOMEGALY
- 

## T

### Tibetan Spaniel

- PROGRESSIVE RETINAL ATROPHY
  - OXALATE NEPHROPATHY
- 

### Tibetan Terrier

- HYPOTHYROIDISM
  - PROGRESSIVE RETINAL ATROPHY
  - NEURONAL CEROID LIPOFUCSINOSIS
- 

### Toy Manchester

- NONE RECOGNIZED
- 

## V

### Vizsla

- HEMOPHILIA A, FACTOR VIII DEFICIENCY, OR AHF DEFICIENCY

- CRANIOMANDIBULAR OSTEOPATHY
  - FACIAL NERVE PARALYSIS
  - SEBACEOUS ADENITIS
  - HIP DYSPLASIA
- 

## W

### Weimaraner

- SPINAL DYSRAPHISM
- HEMOPHILIA A, FACTOR VIII OR AHF DEFICIENCY
- EVERTED NICTITATING MEMBRANE
- UMBILICAL HERNIA
- SYRINGOMYELIA
- HIP DYSPLASIA
- BLOAT
- UNDERSHOT JAW
- MYASTHENIA GRAVIS
- MELANOMA
- ENTROPION
- DISTICHIASIS
- MELANOMA
- FIBROSARCOMA
- CRYPTORCHIDISM
- DERMOID CYST OF CORNEA
- UNUNITED ANCONIAL PROCESS
- DWARFISM
- CUTANEOUS MAST CELL TUMOR
- XX SEX REVERSAL

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### Welsh Springer Spaniel

- HIP DYSPLASIA
- HEREDITARY CATARACT
- HYPOTHYROIDISM
- PRIMARY GLAUCOMA
- SPERMATOGENIC ARREST WITH AZOSPERMIA

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### Welsh Terrier

- LUXATED LENS
-

## West Highland White Terrier

- CRANIOMANDIBULAR OSTEOPATHY
- GLOBOID CELL LEUKODYSTROPHY
- ATOPIC DERMATITIS
- INGUINAL HERNIA
- LEGG-PERTHES DISEASE
- MYOTONIA
- COPPER TOXICOSIS
- EPIDERMAL DYSPLASIA
- CARDIOMYOPATHY
- CLEFT PALATE
- LUXATING PATELLA
- HIP DYSPLASIA
- CATARACTS
- SEBORRHEA
- CHRONIC HEPATITIS/  
CIRRHOSIS
- ECTOPIC URETER
- DEAFNESS
- FATTY LIVER SYNDROME
- PYRUVATE KINASE DEFICIENCY
- KERATOCONJUNCTIVITIS SICCA

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## Whippet

- PARTIAL ALOPECIA
- CRYPTORCHIDISM

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## Wirehaired Pointing Griffon

- HIP DYSPLASIA

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## Y

## Yorkshire Terrier

- PATELLAR LUXATION
- HYPOPLASIA OF DENS
- KERATITIS SICCA
- DISTICHIASIS
- LEGG-PERTHES DISEASE
- HYDROCEPHALUS
- MELANODERMA
- UROLITHIASIS

- PORTOCAVAL SHUNT
  - FATTY LIVER SYNDROME
  - RETINAL DYSPLASIA
-

# Hereditary and Congenital Diseases – Definitions

## A

### ***Aberrantilia***

unusual position/direction of eyelashes

### ***Achondroplasia***

defect in formation of long bone cartilage, producing a form of dwarfism

### ***Acromegaly***

excessive growth hormone in an adult; creates bony deformities

### ***Addison's disease***

insufficient adrenal hormones

### ***ADH***

anti-diuretic hormone

### ***Alexander's disease***

progressive tetraparesis

### ***Alopecia***

baldness/hair loss

### ***Amaurotic idiocy***

reduced vision, dullness at 15 months +/-, progressing to muscle spasms, death by tetany

### ***Amyloidosis***

accumulation of amyloid protein in inappropriate tissues

### ***Anasarca***

generalized edema

### ***Anemia***

insufficient red blood cells

### ***Anophthalmia***

absence of eyeballs

### ***Aortic and carotid body tumors***

tumors in the pressure-sensing cells of the great blood vessels

### ***Aortic stenosis***

narrowing of the vessel leaving the heart

### ***Aphakia***

absence of the crystalline lens of the eye



**Arteriovenous fistula**

direct connection between arterial and venous blood, without passing through a capillary bed

**Artherosclerosis fibrosis**

stiffness in the joints

**Aspermatogenesis**

no sperm formation

**Ataxia**

incoordination

**Atherosclerosis**

plaque formation in the arteries

**Atopic dermatitis**

itching and redness due to inhalent allergy

**Atopy**

inhalent allergy

**Atresia of nasolacrimal puncta**

narrowing of duct which drains tears from eyes into nose

**Atrial septal defects**

hole or weakness between left & right atria of the heart

**Autoimmune thyroid disease**

destruction of thyroid tissue by the immune system

**Axonopathy**

malfunction of nerve conduction

**Azoturia-like disease**

falsely elevated blood urea

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## B

**Bacteriuria**

bacteria in the urine

**Bilateral alopecia**

equal hair loss of both sides

**Bilateral renal agenesis**

neither kidney develops

**Bithoracic ectromelia**

shortened bones of the forelimbs

***Black hair follicle dysplasia***

black hairs emerge kinky or curled or easily broken

***Blepharospasm***

blinking/squinting

***Bloat***

accumulation of stomach gas; failure of eructation

***Brachury***

short tail

***Bundle***

branch block malfunction of electrical conduction through heart

***Bundle of His***

degeneration malfunction of electrical conduction through heart

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**C**

***Calcinosis circumscripta***

focal deposition of lime salts in the tissues

***Carcinoma***

cancer of mesothelial

***Cardiomegaly***

heart enlargement

***Cardiomyopathy***

malfunction of the heart muscle

***Carpal luxation***

dislocation of the wrist

***Carpal subluxation***

partial dislocation of the wrist

***Cataracts***

lens opacity

***Central neuropathy***

nervous system malfunction centered in the brain & spinal cord

***Cerebellar cortical abiotrophy***

smooth cerebral hemispheres

***Cerebellar degeneration***

degeneration of the cerebellum

**Cerebellar hypoplasia**

small cerebellum

**Cerebrospinal demyelination**

nerves lose their protective/supportive layer

**Ceroid lipofuscinosis**

accumulation of waxy material in the tissues

**Cervical disc disease**

instability of the intervertebral discs in the neck region

**Cervical vertebral malformation**

malformation of the vertebrae in the neck region

**Chondrodysplasia**

disordered growth of the long bones, resulting in bent limbs

**Choroidal hypoplasia**

malformation of a layer of the eye

**Chronic active hepatitis**

progressive inflammation of the liver

**Ciliary dyskinesia**

malfunction respiratory cilia

**Cleft lip**

split or harelip

**Cleft palate**

defect in the palate; direct connection between oral and nasal cavities

**Coliform enteritis**

inflammation of the intestine/diarrhea caused by E. coli

**Collapsed trachea**

closure of the airway, especially during coughing/wheezing

**Collie eye**

anomaly small, malfunctioning eyes

**Coloboma**

iris cyst

**Color dilute alopecia**

loss of hair in grey, tan coats

**Contact dermatitis**

inflammation of the skin due to contact with irritating substance

**Copper toxicosis**

inability to metabolize copper, leading to inappropriate storage & toxicity

**Corneal dystrophy**

deposits or malformations of the cornea

**Corneal edema**

swelling/accumulation of fluid in the cornea

**Corneal leukomas**

mass of white blood cells/inflammatory tissue in the cornea

**Corneal ulcers**

ulcers on the front of the eye

**Cranial bifida**

non-union of the bones of the skull

**Craniomandibular osteoarthropathy**

disorder of the joints of the skull

**Craniomandibular osteopathy**

malformation of the skull and jaw

**Cranioschisis**

congenital fissure in the cranium

**Cryptorchidism**

undescended testes

**Cushing's Disease**

hyperadrenocorticism; excess Adrenal hormone

**Cutaneous asthenia**

Ehler's-Danlos syndrome; fragile, easily torn skin

**Cyclic neutropenia**

periodic deficiency of blood cells, causing immunosuppression

**Cystic ovaries**

multiple fluid-filled cysts in the ovaries, possibly hormone-producing

**Cystinuria**

cystine in the urine

**Cystitis**

inflammation or infection of the bladder

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**D**

***Dacryocystitis***

inflammation of the tear producing glands & ducts

***Delayed heat prostration***

inability to dissipate heat, ineffective panting

***Demyelination***

loss of insulation/supportive layer of nerve

***Dermatitis***

skin inflammation

***Dermoid cysts***

cysts of ectodermal tissue

***Dermoid sinus***

invaginations of embryonic ectoderm, esp. along the dorsal midline

***Diabetes insipidus***

insufficient ADH

***Diabetes mellitus***

loss of control of glucose metabolism

***Diaphragmatic hernia***

hole in the diaphragm, allowing passage of abdominal organs into chest

***Dilated cardiomyopathy***

enlarged, thin-walled heart

***Discoid lupus***

destruction of cement holding epithelial cells together

***Distichiasis***

extra row of eyelashes, often rubbing on the cornea

***Dwarfism***

insufficient growth hormone OR deformity of long bone growth

***Dysplasia***

malformation

***Dystocia***

difficult delivery

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**E**

***Eclampsia***

life-threatening hypocalcemia during pregnancy

***Ectasia***

dilation of blood vessels, causing pooling of blood in the extremities

***Ectopic ureter***

urine drains into organ other than bladder, e.g. vagina or colon

***Ectropion***

eyelids roll out

***Eczema***

red skin with papules, pustules, vesicles or crusts

***Encephalitis***

inflammation of the brain

***Endocardial fibroelastosis***

lining of heart muscle thickens and doesn't stretch

***Endometritis***

inflammation of the uterine lining

***Endothelial dystrophy***

malformation of blood vessel lining

***Entropion***

eyelids rolled inward, against eyeball

***Eosinophilia***

increase in eosinophils, a population of white blood cells

***Eosinophilic panosteitis***

inflammation of long bones, increase in eosinophils in tissue

***Epidermal dysplasia***

areas of skin malformation or thickening

***Epidermolysis bullosa***

blisters of separating skin appear in areas of trauma or irritation

***Epilepsy***

seizures

***Epiphora***

tear staining

***Epiphyseal dysplasia***

malformation of the ends of the long bones

***Esophageal achalasia***

malfunction of the valve between the esophagus and stomach

***Esophageal dilatation***

esophagus balloons, fails to push ingesta through

***Everted nictitating membrane***

third eyelid rolls outward, folds

***Extrapyramidal nuclear abiotrophy***

failure of a specific part of the brain to form

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**F**

***Facial nerve paralysis***

weakness of facial muscles of expression, tear production

***Factor I deficiency; fibrinogen***

deficiency clotting disorder

***Factor II hypoprothrombinemia***

clotting disorder

***Factor IX deficiency***

clotting disorder

***Factor IX deficiency***

clotting disorder

***Factor VII deficiency***

clotting disorder

***Factor VIII or AHF deficiency***

clotting disorder

***Factor X deficiency***

clotting disorder

***Factor XI deficiency***

clotting disorder

***Fatty liver syndrome***

accumulation of lipid in liver, causing impairment of function

***Fibrosarcoma***

tumor of fibrous connective tissue

***Flank sucking***

nervous disorder in which dog chews on sides or legs

***Fly biting syndrome***

nervous disorder in which dog bites at invisible objects in air

***Follicular conjunctivitis***

inflammation of eyelash follicles, e.g. sty

***Follicular dermatitis***

inflamed hair follicles, pus around forming hairs

***Follicular dysplasia***

malfunctioning hair follicles, malformed hairs

***Foramen magnum***

hole in back of skull through which brain connects to spinal cord

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## G

***Gangliodosis***

neuronal storage disease

***Gastric torsion***

stomach flips, preventing gas of fermentation from escaping.

***Genu valgum***

bow-legged

***Gingival hyperplasia***

proliferation of gum tissue

***Glaucoma***

increased pressure inside the eyeball

***Globoid cell***

leukodystrophy tremors, motor defects leading to paralysis; seen first in puppies

***Glomerulopathy***

disorder of filtration in the kidney

***Glycogen storage disease***

inappropriate storage of glycogen in the liver and other tissues

***Goiter***

cystic enlargement of the thyroid

***Granulocytopenia***

malfunction of white blood cells of the granulocyte line

***Granulomatous colitis***

bumpy, warty inflammation of the large bowel

***Growth hormone responsive dermatitis***

skin inflammation which resolves with growth hormone supplementation



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# H

***Harada's disease***

dermatitis, inflammation of the iris, neurologic involvement

***Hematoma***

bruising/accumulation of blood

***Hemeralopia***

blindness in bright light

***Hemivertebrae***

malformed, sometimes wedge-shaped vertebrae

***Hemolytic anemia***

anemia due to destruction of red blood cells

***Hepatoarteriovenous fistula***

flow of blood from hepatic artery to vein without processing by liver

***Hermaphroditism***

both testes and ovaries present

***Heterochromia iridis***

inconsistent iris color

***Hiatal hernia***

passage of abdominal organs through weak area of diaphragm near vena cava

***Hidradenitis***

inflammation of the sweat glands

***Histiocytoma***

benign tumors composed of histiocytes

***Histiosarcoma***

malignant tumor composed of histiocytes

***Hot spots***

pyotraumatic moist dermatitis

***Hyaloid artery***

persistence of an artery which supplies nutrition to the lens

***Hydrocephalus***

excess cerebrospinal fluid pressure

***Hygroma***

giant blisters/scar tissue on elbows due to repeated trauma

***Hyperadrenocorticism***

excess production of hormone from the adrenal cortex

***Hypercholesterolemia***

high cholesterol levels in blood

***Hyperlipidemia***

high fat levels in blood

***Hypertrophic Osteodystrophy***

enlargement and swelling of long bones during growth; deformities may result

***Hypertrophic osteopathy***

enlargement and swelling of long bones during growth; deformities may result

***Hypertrophic pyloric gastropathy***

overdeveloped muscle in stomach prevents outflow of ingesta

***Hypertrophy of the nictitans gland cherry eye***

enlargement and protrusion of gland of third eyelid

***Hypoglycemia***

low blood sugar

***Hypoplasia of dens non-formation of pivot point of 2nd cervical vertebra***

leads to spinal cord damage

***Hypospadias***

abnormal location of urethral opening

***Hypothyroidism***

insufficient thyroid hormone

***Hypotrichosis***

faded or reduced color of coat

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**I*****Idiopathic***

cause unknown

***Immune complex disorders***

accumulation of antigen:antibody protein complexes in the tissues

***Immune mediated hemolytic anemia***  
destruction of red blood cells by immune system

***Inguinal hernia***  
abdominal organs passing through weakness of body wall at inguinal ring

***Insusception***  
telescoping of one segment of intestine into another

***Interdigital erythema***  
red between the toes

***Interdigital inclusion cysts***  
cysts containing foreign material, sebum, hair between toes

***Intertrigo***  
dermatitis in the folds of the skin

***Intestinal malabsorption***  
inability to absorb certain nutrients

***Iris atrophy***  
iris degenerates, becomes thin and may retract or form holes

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## K

***Keratitis***  
inflammation of the cornea

***Keratitis sicca***  
inflammation of cornea due to dryness, insufficiency of tears

***Keratoacanthoma***  
cyst filled with skin material

***Keratoconjunctivitis***  
inflammation of the cornea and tissues surrounding the eyes

***Keratoconjunctivitis sicca***  
inflammation of the cornea/tissues surrounding the eyes due to tear deficiency

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## L

**Lacrimal duct atresia**

narrowed duct which carries tear from eye to nostril

**Lafara's disease**

progressive myoclonus epilepsy

**Laryngeal hypoplasia**

abnormally small larynx

**Laryngeal paralysis**

laryngeal muscles fail to open for breathing, or close to prevent aspiration of ingesta

**Legg-Perthes disease**

loss of blood supply to head of femur, with resulting degeneration

**Leiomyomas**

tumor of smooth muscle

**Lens luxation**

lens becomes detached and displaced, may move forward through pupil

**Leukoencephalomalacia**

malformation or malfunction of the white matter in the brain

**Leukotrichia**

white hairs

**Lipidosis**

accumulation of fat in fluids or tissues

**Lissencephaly**

failure of formation of cerebral gyri; brain is smooth

**Liver copper storage disease**

inability to metabolize and eliminate copper, leading to storage and liver disease

**Lung torsion**

twisting of the lung

**Luxation**

dislocation

**Lymphedema edema**

due to obstruction of lymphatics

**Lymphocytic thyroiditis**

infiltration of the thyroid with lymphocytes

**Lymphocytic-plasmacytic gastritis**

infiltration of the stomach lining with immune cells

**Lymphoma**

cancer of the lymphatic system

**Lymphopenia**

low numbers of lymphocytes in the blood

**Lymphosarcoma**

cancer of the lymphatic system

**Lysosomal storage disease**

storage of materials in the tissues because of inability to metabolize

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# M

**Mastocytoma**

tumor composed of mast cells

**Megaesophagus**

dilated esophagus, failure of muscles to pass ingesta to stomach

**Melanoderma**

abnormal darkening of the skin

**Melanoma**

tumor composed of melanocytes

**Mitochondrial myopathy**

muscle malfunction due to muscle cell mitochondrial malfunction

**Microphthalmia**

small eyes

**Mitral valve defects**

defective valve between atrium and ventricle of left side of heart

**Mononephrosis**

only one kidney

**Monorchidism**

only one testis

**Mucinosis**

accumulation of mucoid material, esp. in skin

**Muscular dystrophy**

progressive muscle wasting and weakness

**Myasthenia**

gravis immune system disorder preventing nerve transmission

**Myopathy**

disorder of muscle function

**Myopathy**

malfunctioning muscle

**Myotonia**

muscle spasms, rigidity

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**N****Narcolepsy**

suddenly falling asleep without warning

**Narrow palpebral fissure**

small eye opening

**Nasal solar dermatitis**

sunburned muzzle

**Nasolacrimal puncta atresia**

narrowing of the duct which carries tear from eye to nose

**Neoplasia**

tumors

**Nephritis**

inflammation of the kidney(s)

**Neuroaxonal dystrophy**

disorder of nerve growth

**Neuromuscular atrophy weakness**

wasting of muscle due to nerve malfunction

**Neuronal ceroid lipofuscinosis**

accumulation of waxy material in lipid-rich tissues

**Neuropathy**

nerve malfunction

**Neurotropic osteopathy**

malformation of bones due to neuronal malfunction

**Nodular dermatofibrosis with renal cystadenocarcinoma**

Nystagmus tremors of the eyeballs

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# O

## ***Occipital dysplasia***

malformation of the occipital bone

## ***Odontoid process dysplasia***

malformed pivot point of 2nd cervical vertebra, leading to spinal cord damage

## ***Oligodendroglioma***

malignant tumor of the cerebrum

## ***Oligodontia***

fewer than normal teeth

## ***Open fontanelles***

soft spot on top of cranium

## ***Open urethra***

urethra doesn't close into a tube

## ***Optic nerve hypoplasia***

nerve from eyeball to brain doesn't form correctly

## ***Osteochondritis dissecans***

malformation of cartilage of long bones allowing focal defects to form on joint surfaces

## ***Osteochondrosis***

defect of cartilage and bone beneath it

## ***Osteodystrophy***

disturbance of calcium deposition

## ***Osteogenesis imperfecta***

defective bone formation

## ***Osteopetrosis***

obliteration of bone marrow cavity with bone

## ***Osteoporosis***

loss of calcium/weakening of bones

## ***Osteosarcoma***

malignant tumor of bone

## ***Otitis externa***

inflammation/infection of external ear

## ***Otocephalic syndrome***

involves malformed skull

**Overshot jaw**

mandible too long

**Oxalate nephropathy**

accumulation of oxalate crystals in the kidney, causing renal malfunction

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**P****Pancreatic insufficiency**

deficiency of digestive enzymes

**Panniculitis**

inflammation of the fatty tissue along the trunk

**Pannus**

growth of tissue over cornea

**Parrot mouth**

short mandible with narrow, curved maxilla

**Patellar luxation**

dislocating knee cap

**Patent ductus arteriosus**

persistent embryonic vascular connection between venous and arterial systems

**Pemphigus**

destruction of elements of the epithelial growth layer by immune system

**Pemphigus foliaceus**

destruction of elements of the epithelial growth layer by immune system

**Penile frenulum**

skin tag connecting penis to foreskin, preventing full retraction of foreskin

**Perianal adenomas**

benign tumors of the anal sphincter, sometimes hormone responsive

**Peripheral neuropathy**

nervous system malfunction centered outside the brain & spinal cord

**Persistent aortic arch**

embryonic blood vessel, often impinging on esophagus

**Persistent pupillary membranes**

strands of embryonic iris tissue persisting in the eye



**Phimosis**

small preputial opening, preventing retraction of foreskin

**Phosphofructokinase deficiency**

diseased red blood cells and muscle cells due to enzyme insufficiency

**Photo induced acrodermatitis**

thickened, inflamed skin due to sun exposure

**Photophobia**

reluctance to be in light

**Pigmentary keratitis**

darkening of the cornea due to chronic inflammation

**Pituitary dwarfism**

small, malproportioned stature due to growth hormone deficiency

**Polyarthritis**

pain/inflammation in multiple joints

**Polygenic**

caused by more than one gene

**Polyneuropathy**

multiple malfunctioning nerves

**Polyostitic fibrous dysplasia**

cysts and osteophytes in the long bones of the forelimbs

**Progressive retinal atrophy**

loss of sensory cells in the eye

**Progressive rod-cone degeneration**

loss of either rods or cones in the eye

**Prolapsed**

everted and protruding from the body

**Pseudocushing's syndrome**

excessive drinking and urination not due to hormonal/metabolic disorder

**Pseudocyesis**

false pregnancy

**Pseudohermaphroditism**

gonads of one sex with external genitalia of another

**Pulmonic stenosis**

narrowing of blood vessel from heart to lungs

**Puppy Eye syndrome**

small eyeball, small lens, persistent pupillary membranes, corneal dysplasia

***Pyloric stenosis***

failure of stomach valve to allow appropriate passage of ingesta

***Pyoderma***

infection of the skin

***Pyogranulomatous***

lumpy infection with pus

***Pyometra***

infection of the uterus

***Pyruvate kinase***

deficiency gene alteration

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Q

***Quadriplegia***

paralysis of all four limbs

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R

***Receptor dystrophy***

message is sent by nerve but not correctly received by target organ

***Reflex regurgitation***

regurgitation in response to food entering the stomach

***Renal cortical hypoplasia***

abnormally thin, malformed outer region of the kidneys

***Renal dysplasia***

malformed kidneys

***Renal tubular dysfunction***

improper excretory or absorptive function by kidney tubules

***Retinal atrophy***

deterioration of sensory capacity in eye

***Retinal dysplasia***

malformed retina

**Retinal dystrophy**  
malfunctioning retina

**Retinal folds**  
retinal defect

**Rhinitis syndrome**  
chronic nasal irritation, sneezing

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## S

**Schnauzer comedome syndrome**  
blackheads on back

**Scottie cramp**  
hereditary tetany

**Sebaceous adenitis**  
inflammation of the sebum-producing glands of the skin

**Sebaceous cysts**  
accumulation of greasy material in cysts under the skin

**Seborrhea**  
any malfunction of the grease-producing glands of the skin

**Sensory neuropathy**  
incomplete or malfunctioning sensory capacity

**Sertoli cell tumor**  
tumor of estrogen-secreting cell of testis

**Sesamoid disease**  
arthritis of sesamoid bones, formation of inappropriate sesamoid bones

**Silica uroliths**  
urinary tract stones made of silica

**Sinoatrial syncope**  
heart stops, or provides insufficient output to maintain consciousness

**Sinus arrhythmia**  
heart rate varies with phase of breathing

**Spermatogenic arrest/azospermia**  
no sperm formation, no sperm in semen

**Spiculosis**

coarse hairs, sometimes resembling thorns

**Spina bifida**

incomplete closure of the vertebral column with nerve cord exposure

**Spinal dysraphism**

failure of fusion of structures along the dorsal midline during embryonic development

**Spinal neuropathy**

malfunctioning spinal nerves

**Spinning Syndrome**

form of epilepsy in which dog compulsively spins in circles

**Splay leg**

weakness of adducting muscles of hind legs

**Splenic torsion**

twisted splenic vessels, producing congestion of spleen with blood

**Spondylosis**

deformity fusion of spinal vertebrae into abnormal position

**Staphylococcal dermatitis**

bacterial skin infection

**Stenotic nares**

nostrils too small

**Stockard's paralysis**

preganglionic sympathetic degeneration, onset about 3 months

**Subaortic stenosis**

narrowed outflow tract from the heart to the body

**Subluxation**

partial dislocation

**Summer eczema**

crusty dermatitis/flaking seen in hot weather, apparently unrelated to allergies

**Swimmers**

failure to adduct limbs, especially common in puppies raised on slippery floors

**Syringomyelia**

progressive formation of holes in the spinal cord, producing sensory defects

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# T

## ***Tetralogy of Fallot***

4 specific serious congenital heart defects at the same time

## ***Thrombocytopathy***

malfunction of platelets

## ***Tracheal collapse***

narrowing/closure of trachea, especially during coughing, wheezing

## ***Tracheal hypoplasia***

abnormally small trachea

## ***Trichiasis***

ingrown eyelashes rubbing on the eyeball

## ***Tubular transport dysfunction***

malfunction of kidney

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# U

## ***Ulcerated apocrine glands***

sores of the sweat glands

## ***Ulcerative colitis***

ulcers and inflammation of the large bowel

## ***Ulcerative keratitis***

ulcers and inflammation of the cornea

## ***Umbilical hernia***

defect of the body wall around the umbilicus

## ***Undershot jaw***

short mandible

## ***Unilateral cryptorchidism***

one testis doesn't descend into scrotum

## ***Unilateral kidney aplasia***

one kidney doesn't develop

## ***Ununited anconeal process***

loose bone fragment in the elbow

**Uric acid stones**

uric acid deposits, usually in urinary tract

**Urinary calculi stones of the urinary tract**

Urolithiasis stones in the urinary tract

**Uroliths**

stones of the urinary tract

**Uterine inertia**

weakness of uterine muscle, inability to deliver during labor

**Uveitis**

Inflammation of the iris

**Uveodermatologic syndrome**

concurrent eye and skin abnormalities

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**V****Vaginal hyperplasia**

proliferation of vaginal tissue

**Vascular ring anomaly**

retained embryonic blood vessels, constricting esophagus

**Ventricular septal defect**

hole or weakness in the wall between left and right sides of heart

**Vitamin A responsive dermatitis**

skin inflammation which resolves with vitamin A supplementation

**Vitiligo**

white patches of skin & hair on a dark coat

**Vitriol syneresis**

separation of pigments when blood clots

**Von Willebrand's disease**

deficiency of clotting factor VIII

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## W

### ***Wobbler's syndrome***

malformation of 6th cervical vertebra, producing gait instability

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## X

### ***XX sex reversal***

genetic female appears to be a male

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## Z

### ***Zinc deficiency***

increased zinc requirement, unmet

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