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Laboratory Animal Medical Subject Headings

A Report of the
Committee on Laboratory Animal Literature
Institute of Laboratory Animal Resources
National Research Council

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PREFACE

The Institute of Laboratory Animal Resources (ILAR) was founded in 1952 within the Division of Biology and Agriculture. It serves as a coordinating agency to disseminate information, to survey existing and required resources, to establish standards, to promote education, to hold conferences, and generally to upgrade laboratory animal resources.

The tremendous increase in biomedical literature has made it expedient to develop various systems for the storage and retrieval of data. Because terms applying to laboratory animals are often lacking, it has been difficult—at times, impossible—for these systems to provide the investigator with a complete and accurate bibliography of previous work on a particular species or related species, with information on animal models for human diseases, or even with a good correlation between basic research and clinical studies.

This edition of Laboratory Animal Medical Subject Headings (LAMESH) is an outgrowth of the National Library of Medicine's Medical Subject Headings (MESH) and is the recommended authoritative list for analysis of the biomedical literature involving laboratory animals. The terms listed herein represent the subject headings under which publications can be classified, and this volume is intended to serve as a basis for bibliographic searches and for the indexing and retrieval of literature on conditions, states, or diseases occurring both in animals and in man.

The subject headings are listed in two parts. Part I contains the term in a hierarchical system by categories. This system permits the user to be as specific as necessary by using individual terms or to be more general by using the broader category terms. A taxonomic classification is used in some places for convenience of publication; however, this is not intended to be a complete classification and listings are not always presented in the correct taxonomic order.

In Part II the terms are listed alphabetically. Only the main subject head-

ings in Part II are used in the working system (Part I). The italicized headings are terms related to major subject headings or synonymous with them; they refer the reader to the appropriate main heading that, in turn, directs the reader to the location of the term in the working system, Part I.

In Part III information is given on the use of the system for diagnostic and reprint files. This system is adaptable for use in card files, needle-sort system, peek-a-boo systems, and computers. Two specific examples are given.

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I
Categorized List of
Laboratory Animal
Medical
Subject Headings

A

ANATOMICAL TERMS

A1

Parts of the Body, Regions

ABDOMEN

Groin

Inguinal Region

INGUINAL CANAL

Peritoneal Cavity

PERITONEUM

Umbilical Region

UMBILICUS

BACK

Coccygeal Region

Gluteal Region

BUTTOCKS

Lumbosacral Region

Sacrococcygeal Region

EXTREMITIES AND APPENDAGES

Arm

AXILLA

CARPUS

ELBOW

FOREARM

HAND

SHOULDER

Digit

FINGER

HALLUX

THUMB

Fin

Leg

FOOT

HEEL

KNEE

TARSUS

THIGH

Tail

Wing

HEAD

Face

Bill

Cheek

Chin

Eyelids

Lips

Nictitating Membrane

4 ANATOMICAL TERMS

INTEGUMENT

Skin and Skin Structures

ABDOMINAL SKIN POUCH

COMB AND WATTLE

FEATHER

GLANDS, SKIN

Anal Sac

Perianal Gland

Salt Gland

Sebaceous Gland

Sweat Gland

Uropygial Gland

HAIR

HORN

INCUBATION PATCH

NAILS

SCALES

SCALP

MAMMA

Breast

NECK

PARALUMBAR FOSSA

PELVIC REGION

Pelvis

PERINEAL REGION

Perineum

STERNAL REGION

THORAX

Mediastinum

Pleural Cavity

Pleura

WHOLE BODY

A2

Musculoskeletal System

BONE AND BONES

Epiphyses

Haversian System

Pneumatic Bones

Sesamoid Bones

Synostosis

BURSA, SYNOVIAL

EXOSKELETON

FASCIA

JOINTS

Atlanto-Occipital Joint

Carpal Joint

Cartilage, Articular

Elbow Joint

Hip Joint

Jaw Articulation

TEMPOROMANDIBULAR JOINT

Knee Joint
Pubic Symphysis
Sacroiliac Joint
Shoulder Joint
Sternoclavicular Joint
Synovial Membrane
Tarsal Joint
Toe Joint
Wrist Joint

LIGAMENTS

Ligaments
 LIGAMENTUM NUCHAE
 PATELLAR LIGAMENTS

MUSCLES

Abdominal Wall
Diaphragm
Electric Organ
Facial Muscles
Intercostal Muscles
Masticatory Muscles
Oculomotor Muscles
Pectoralis Muscles
Tensor Tympani

SKELETON

Arm, Skeleton
 HUMERUS
 RADIUS
 ULNA
Bony Processes
Branchial Arch
Cranium
Ethmoid Bone
Facial Bones
 ALVEOLAR PROCESS
 DENTAL ARCH
 HYOID BONE
 JAW
 MANDIBLE
 MANDIBULAR CONDYLE

MAXILLA
 OPERCULUM
 ORBIT
 PALATE
 ZYGOMA
Foot, Skeleton
 ANKLE
 CALCANEUS
 HALLUS
 METATARSUS
 TALUS
 TOES
Foramina
 FORAMINA MAGNUM
Frontal Bone
Hand, Skeleton
 FINGERS
 METACARPUS
 SEMILUNAR BONE
 THUMB
 WRIST
Hip
Leg, Skeleton
 FEMUR
 FEMUR HEAD
 FEMUR NECK
 FIBULA
 PATELLA
 SEMILUNAR CARTILAGES
 TIBIA
Occipital Bone
Parietal Bone
Pelvic Bones
 ACETABULUM
 ILIUM
 ISCHIUM
 PUBIC BONE
Sella Turcica
Shell Covering, Egg
Shoulder
 CLAVICLE
 PECTORAL GIRDLE

6 ANATOMICAL TERMS

SKELETON (Continued)

Shoulder (Continued)

SCAPULA

Sphenoid Bone

Spinal Column

CERVICAL VERTEBRA

Atlas

Axis

CAUDAL VERTEBRA

Coccyx

INTERVERTEBRAL DISK

LUMBAR VERTEBRA

SACRUM

SPINAL CANAL

THORACIC VERTEBRA

Temporal Bone

MASTOID BONE

PETROUS BONE

SQUAMOSAL BONE

Thorax, Skeleton

RIBS

STERNUM

TENDONS

Achilles Tendon

Tendons, Para-Articular

A3

Digestive System

ESOPHAGUS

Esophagogastric Junction

Ingluvies

CROP

GASTROINTESTINAL SYSTEM

Biliary Tract

BILE DUCTS

BILE DUCTS, INTRAHEPATIC

COMMON BILE DUCT

CYSTIC DUCT

GALLBLADDER

HEPATIC DUCT

VATER'S AMPULLA

Intestines

ANUS

APPENDIX

BURSA OF FABRICIUS

CECUM

COLON

CLOACA

DUODENUM

ILEOCECAL VALVE

ILEUM

INTESTINAL MUCOSA

INTESTINE, LARGE

INTESTINE, SMALL

JEJUNUM

MECKEL'S DIVERTICULUM

PYLORIC CECUM

RECTUM

SIGMOID

Liver

Pancreas

PANCREATIC DUCTS

Stomach

ABOMASUM

CARDIA

GASTRIC MUCOSA

OMASUM

PROVENTRICULUS

PYLORUS

RETICULUM
RUMEN
VENTRICULUS

MOUTH

Cheek Pouch

Dentition

Lip

LABIAL FRENUM

Mouth Mucosa

PALATE, SOFT

Uvula

SALIVARY GLANDS

PAROTID GLAND

SUBLINGUAL GLAND

SUBMANDIBULAR GLAND

VENOM GLAND

Tongue

LINGUAL FRENUM

TASTE BUDS

Tooth

BICUSPID

CANINE TOOTH

CUSPID

DENTAL CEMENTUM

DENTAL ENAMEL

DENTAL PULP

DENTAL PULP CAVITY

DENTIN

ENAMEL CUTICLE

INCISOR

MOLAR

PERIODONTIUM

Gingiva

ROOT CANAL

TOOTH, DECIDUOUS

TOOTH GERM

TOOTH ROOT

PERITONEUM

Douglas' Pouch

Mesentery

MESOCOLON

Omentum

Peritoneal Cavity

Retroperitoneal Space

PHARYNX

TONSIL

Palatine Tonsil

Pharyngeal Tonsil

A4

Respiratory System

BRONCHI

GAS BLADDER

GILLS

LARYNX

Epiglottis

Glottis

Laryngeal Cartilages

Vocal Cords

8 ANATOMICAL TERMS

LUNG

Broncho Pulmonary Segment

Lung Structure, Modified

AIR SAC

Pulmonary Alveoli

NOSE

Nares

Nasal Mucosa

Nasal Septum

Nasopharynx

NASAL MUCOSA

Turbinates

PARANASAL SINUSES

Ethmoid Sinus

Frontal Sinus

Maxillary Sinus

Sphenoid Sinus

TRACHEA

Syrinx

A5

Urogenital System

FAT BODIES

GENITALIA

Genitalia, Female

ADNEXA UTERI

Oviduct

Shell Glands

Uterine Ligament

OVARY

Corpus Luteum

Graafian Follicles

UTERUS

Cervix Mucus

Cervix Uteri

Endometrium

VAGINA

Hymen

VULVA

Bartholin's Glands

Clitoris

Genitalia, Male

BULBOURETHRAL GLANDS

COAGULATION GLANDS

EPIDIDYMIS

PENIS

Os Penis

PREPUCE

Prepuce Glands

PROSTATE

SCROTUM

SEMINAL VESICLES

SPERMATIC CORD

TESTIS

Ampulla Ductus Deferens

Ejaculatory Ducts

Leydig Cells

Sertoli Cells

Vas Deferens

KIDNEY

Agglomerular Kidney

Juxtglomerular Apparatus

Kidney Glomerulus

Kidney Pelvis

Kidney Tubules
Malpighian Tubules

URETER

URETHRA

URINARY BLADDER

A6

Endocrine System

CHROMAFFIN SYSTEM

Adrenal Medulla

ENDOCRINE GLANDS

Adrenal Glands

ADRENAL CORTEX

ADRENAL MEDULLA

Islands of Langerhans

Parathyroid Glands

Pineal Body

Pituitary Gland

ADENOHYPHYSIS

**HYPOTHALAMO-HYPOPHYSEAL
SYSTEM**

NEUROHYPHYSIS

Thyroid Gland

Ultimobranchial Body

A7

Cardiovascular System

BLOOD VESSELS

Arteries

AORTA

AORTA, ABDOMINAL

AORTA, THORACIC

ARTERIOVENOUS ANASTOMOSIS

AURICULAR VESSELS

AXILLARY ARTERY

BASILAR ARTERY

BRACHIAL ARTERY

BRONCHIAL ARTERIES

CAROTID ARTERIES

CAROTID SINUS

CAUDAL ARTERY

CELIAC ARTERIES

CEREBRAL ARTERIES

CIRCLE OF WILLIS

COCCYGEAL VESSELS

CORNUAL VESSELS

CORONARY VESSELS

DIGITAL VESSELS

DUCTUS ARTERIOSUS

10 ANATOMICAL TERMS

BLOOD VESSELS (Continued)

Arteries (Continued)

FEMORAL ARTERY
HEPATIC ARTERY
ILIAC ARTERY
INNOMINATE ARTERY
MAXILLARY ARTERY
MENINGEAL ARTERIES
MESENTERIC ARTERIES
OPHTHALMIC ARTERY
OVARIAN VESSELS
PENILE VESSELS
POPLITEAL ARTERY
PULMONARY ARTERY
RENAL ARTERY
RETE MIRABILE
RETINAL VESSELS
RUMINAL VESSELS
SPLENIC ARTERY
SUBCLAVIAN ARTERY
SYSTEMIC ARCH
TEMPORAL ARTERIES
TESTICULAR VESSELS
THORACIC ARTERIES
UTERINE VESSELS
VERTEBRAL ARTERY

Capillaries

Veins

AXILLARY VEIN
AZYGOS VEIN
CAVERNOUS SINUS
CRANIAL SINUSES
COCCYGEAL VEIN
DURA VENOUS SINUSES
FEMORAL VEIN
HEPATIC VEINS
ILIAC VEIN
INNOMINATE VEIN
JUGULAR VEIN
MESENTERIC VEINS
POPLITEAL VEIN
PORTAL SYSTEM

PORTAL VEIN
PULMONARY VEINS
RENAL VEINS
SAPHENOUS VEIN
SPLENIC VEIN
SUBCLAVIAN VEIN
VASA NERVORUM
VASA VASORUM
VENA CAVA, INFERIOR
VENA CAVA, SUPERIOR
VENAE CAVAE

HEART

Chordae Tendineae

Coronary Vessels

Endocardium

Fetal Heart

Heart Atrium

Heart Conduction System

ATRIOVENTRICULAR NODE and
BUNDLE

SINO-ATRIAL NODE

Heart Septum

HEART SEPTUM, ATRIAL

HEART SEPTUM, VENTRICULAR

Heart Valves

AORTIC VALVE

MITRAL VALVE

PULMONARY VALVE

TRICUSPID VALVE

Heart Ventricle

Myocardium

PAPILLARY MUSCLES

Pericardium

Sinus Venosus

LYMPHATIC SYSTEM

Lymphaticovenous Communications

Lymph Nodes

Thoracic Duct

Thymus

A8

Nervous System

AUTONOMIC NERVOUS SYSTEM

Ganglia, Autonomic

CELIAC PLEXUS
 HYPOGASTRIC PLEXUS
 MYENTERIC PLEXUS
 STELLATE GANGLION
 SUBMUCOUS PLEXUS

Paraganglia, Nonchromaffin

AORTIC BODY
 CAROTID BODY

Parasympathetic Nervous System

Sympathetic Nervous System

PRESSORECEPTORS
 SPLANCHNIC NERVES
 VASOMOTOR SYSTEM

CENTRAL NERVOUS SYSTEM

Brain

AMYGDALOID BODY
 BRAIN STEM
 CEREBELLAR CORTEX
 CEREBELLOPONTILE ANGLE
 CEREBELLUM
 CEREBRAL CORTEX
 CEREBRAL HEMISPHERE
 CEREBRAL VENTRICLES
 CHOROID PLEXUS
 CORPORA QUADRIGEMINA
 CORPUS CALLOSUM
 CRANIAL FOSSA, POSTERIOR
 DIENCEPHALON
 EPENDYMA
 FRONTAL LOBE
 GENICULATE BODIES
 GYRUS CINGULI
 HIPPOCAMPUS

HYPOTHALAMUS

LIMBIC SYSTEM
 MEDULLA OBLONGATA
 MESENCEPHALON
 OCCIPITAL LOBE
 OLFACTORY BULB
 OLIVARY NUCLEUS
 OPTIC LOBE
 PARIETAL LOBE
 PONS
 RED NUCLEUS
 RETICULAR FORMATION
 SUBSTANTIA NIGRA
 TELENCEPHALON
 TEMPORAL LOBE
 THALAMUS
 VESTIBULAR NUCLEI

Ganglia

GANGLIA, BASAL
 Putamen
 Caudate Nucleus
 Globus Pallidus
 GANGLIA, SPINAL
 Meninges

ARACHNOID
 CISTERNA MAGNA
 DURA MATER
 PIA MATER
 SUBARACHNOID SPACE

Neural Analyzers

Spinal Cord

CAUDA EQUINA
 EXTRAPYRAMIDAL TRACTS
 LISSAUER'S TRACT
 PYRAMIDAL TRACTS
 SINUS RHOMBOIDALIS

12 ANATOMICAL TERMS

PERIPHERAL NERVES

Cranial Nerves

ABDUCTENT NERVE
ACCESSORY NERVE
ACOUSTIC NERVE
CHORDA TYMPANI NERVE
COCHLEAR NERVE
FACIAL NERVE
GLOSSOPHARYNGEAL NERVE
HYPOGLOSSAL NERVE
LARYNGEAL NERVES
MANDIBULAR NERVE
MAXILLARY NERVE
OCULOMOTOR NERVE
OLFACTORY NERVE
OPHTHALMIC NERVE
OPTIC CHIASM
OPTIC NERVE
TRIGEMINAL NERVE
TROCHLEAR NERVE
VAGUS NERVE

VESTIBULAR NERVE

Nerve Endings

NERVE NET
NEUROEFFECTOR JUNCTION
NEUROMUSCULAR JUNCTION
SYNAPSES

Spinal Nerves

BRACHIAL PLEXUS
CERVICAL PLEXUS
FEMORAL NERVE
LUMBOSACRAL PLEXUS
MEDIAN NERVE
MUSCULOCUTANEOUS NERVE
OBTURATOR NERVE
PHRENIC NERVE
RADIAL NERVE
SCIATIC NERVE
THORACIC NERVES
ULNAR NERVE

NEUROSECRETORY SYSTEM

A9

Sense Organs

BARBEL

EAR

Ear, External

AMPULLA
AURICULA
EAR CANAL
TRAGUS

Ear, Middle

EAR OSSICLES
EUSTACHIAN TUBE
OSSEUS BULLA

TENSOR TYMPANI

TYMPANIC MEMBRANE

Labyrinth

COCHLEA
ORGAN OF CORTI
SEMICIRCULAR CANALS
VESTIBULAR APPARATUS

EYE

Anterior Chamber

AQUEOUS HUMOR
Conjunctiva

Cornea
Eyebrows
Eyelashes
Harderian Glands
Lacrimal Apparatus
Lens, Crystalline
Pecten
Retina
 FOVEA CENTRALIS
 FUNDUS OCULI
 MACULA LUTEA
 RODS AND CONES
Sclera
 SCLERAL OSSICLES
Uvea
 CHOROID
 Tapetum Lucidum

CILIARY BODY
IRIS
PUPIL
Vitreous Body

SENSORY RECEPTORS
Chemoreceptors
Lateral Line
Neuromuscular Spindles
Receptors, Neural
Sense Organ
Vomero-Nasal Organ

TASTE ORGAN

VIBRISSA

A10

Tissues, Embryonic Structures

CONNECTIVE TISSUE

Adipose Tissue
Bony Tissue
 ENDOSTEUM
 PERIOSTEUM
Cartilage
 CARTILAGE, ARTICULAR
Elastic Tissue
Granulation Tissue

EMBRYO

Branchial Region
Chick Embryo
Germ Layers
 ECTODERM
 ENDODERM

MESODERM

Kidney, Embryonic
 PRONEPHROS
 MESONEPHROS
 METANEPHROS
Notochord
Urachus
Vitelline Ducts
Vitelline Membrane
Wolffian Duct
 MULLERIAN DUCTS

EPITHELIUM

EXOCRINE GLANDS

14 ANATOMICAL TERMS

FETAL MEMBRANES

Allantois

Amnion

Chorion

Decidua

Egg Envelope

Placenta

Trophoblast

Umbilical Cord

UMBILICAL ARTERIES

UMBILICAL VEINS

FETUS

Aortic Arches, Embryonic

Fetal Heart

DUCTUS ARTERIOSUS,

EMBRYONIC

FORAMEN OVALE

HEMATOPOIETIC SYSTEM

Bone Marrow

Reticuloendothelial System

LYMPHOID TISSUE

Spleen

MEMBRANES

Fetal Membrane

Mucous Membrane

Serous Membrane

MUSCLE

Muscle, Smooth

Muscle, Skeletal

Muscle, Cardiac

MUCOUS MEMBRANE

Myelin Sheath

Neuroglia

Neurons

AXONS

DENDRITES

INTERNEURONS

MOTOR NEURONS

Anterior Horn Cells

NEURILEMMA

NEUROFIBRILS

NISSL BODIES

RANVIER'S NODES

SCHWANN CELLS

YOLK SAC

A11

Cells and Cell Constituents

BLOOD CELLS

Blood Platelets

Erythrocytes

RETICULOCYTES

Erythrocytes, Abnormal

HEINZ BODIES

Leukocytes

BASOPHILS

EOSINOPHILS

LYMPHOCYTES

MONOCYTES

NEUTROPHILS

BONE MARROW CELLS

Megakaryocytes

CELL MEMBRANE

Sarcolemma
Neurolemma

CELL NUCLEUS

Cell Nucleolus
Chromosomes

CHROMATIDS

CHROMOSOMES, BACTERIAL

CHROMOSOMES, HUMAN

SEX CHROMOSOMES

Sex Chromatin

CELL WALL**CLONE CELLS****CONNECTIVE TISSUE CELLS**

Chromatophores

MELANOPHORES

Fibroblasts

Macrophages

HISTIOCYTES

Mast Cells

Odontoblasts

Odontoclasts

Osteoblasts

Osteoclasts

Osteocytes

Plasma Cells

Reticuloendothelial Cells

Sertoli Cells**CYTOPLASM**

Chloroplasts

Cytoplasmic Granules

Inclusion Bodies

Organoids

ENDOPLASMIC RETICULUM

GOLGI APPARATUS

LYSOSOMES

Cytosomes

MICROSOMES

MITOCHONDRIA

MITOCHONDRIA, LIVER

MITOCHONDRIA, MUSCLE

MYOFIBRILS

NEUROFIBRILS

NISSL BODIES

RIBOSOMES

Pigments

EPITHELIAL TISSUE CELLS

Ameloblasts

Cilia

GERM CELLS

Ovum

Spermatozoa

FLAGELLA

LEYDIG CELLS

A12

Body Fluids and Related Substances

AMYLOID SUBSTANCE

BODY FLUIDS

Amniotic Fluid

Blood

PLASMA

SERUM

Extracellular Space Fluids

Hemolymph

Cerebrospinal Fluid

Labyrinthine Fluids

Lymph

CHYLE

Pericardial Fluid

Peritoneal Fluid

Pleural Fluid

Synovial Fluid

Urine

COLLAGEN

ELASTIN

FECES

Meconium

HYALIN SUBSTANCE

SECRETIONS

Bile

Cerumen

Cervix Mucus

Gastric Juice

Intestinal Secretions

Milk

COLOSTRUM

Mucus

Musk

Pancreatic Juice

Saliva

Sebum

Semen

Smegma

Sputum

Sweat

Tears

Venom

Vernix Caseosa

B

ORGANISMS

B1

Invertebrates

ACANTHOCEPHALA

Archiacanthocephala

GIGANTORHYNCHIDEA

Oligacanthorhynchidae

Macracanthorhynchus

Oncicola

Moniliformidae

Eoacanthocephala

NEOECHINORHYNCHIDEA

Palaeoacanthocephala

ECHINORHYNCHIDEA

ANNELIDA

Hirudinea

Oligochaeta

LUMBRICUS

ARTHROPODA

Archinoidea

ACARINA

Argasidae

Ixodidae

Demodicidae

Dermanyssidae

Pediculoididae

Pneumonyssidae

Pyemotidae

Sarcoptidae

Trombiculidae

Glycyphagidae

Tyroglyphidae

ARANEAE

SCORPIONIDA

Crustacea

COPEPODA

DECAPODA

ISOPODA

Insecta

ANOPLURA

Haematopinidae

Haematopinus

Linognathus

Solenopotes

Pediculidae

Pediculus

Phthirus

18 ORGANISMS

ARTHROPODA (Continued)

Insecta (Continued)

COLEOPTERA

DIPTERA

Calliphoridae

Ceratopogonidae

Culicidae

Aedes

Aedes aegypti

Anopheles

Culex

Culex pipiens fatigans

Cuterebridae

Drosophilidae

Drosophila

Drosophila melanogaster

Drosophila pseudoobscura

Hippoboscidae

Lynchia

Melophagus

Muscidae

Glossina

Musca

Psychodidae

Simuliidae

Tabanidae

Chrysops

Haematopota

HEMIPTERA

Cimicidae

Cimex

Reduviidae

Triatoma

MALLOPHAGA

Menoponidae

Philopteridae

Trichodectidae

PENTASTOMIDA

SIPHONAPTERA

Pulicidae

Ctenocephalides

Pulex

Xenopsylla

BRACHIOPODA

BRYOZOA

COELENTERATA

Hydrozoa

HYDROIDA

SIPHONPHORIDA

ECHINODERMATA

Echinoidea

ECHINOIDA

Stellaroidea

MOLLUSCA

Cephalopoda

Gastropoda

PECTINOBRANCHIA

PULMONATA

Helicidae

Lymnaeidae

Pelecypoda

NEMATA

Adenophorea

DICTOPHYMATIDA

DORYLAIMIDA

Mermithidae

Trichinellidae

Trichuridae

Secernentea

ASCARIDA

Ascaridae

Ascaris

Ascaris lumbricoides

Toxocara

Toxocara canis

Heterakidae

Ascaridia

Heterakis

Heterocheilidae

Anisakis

Porrocaecum

Oxyuridae
 Aspicularis
 Enterobius
 Passalurus
 Syphacia
 Camallanida
 Rhabditida
 SPIRURIDA
 Acuariidae
 Dipetalonematidae
 Acanthocheilonema
 Brugia
 Dipetalonema
 Mansonella
 Dirofiliariidae
 Loa
 Filariidae
 Dicheilonema
 Filaria
 Microfilaria
 Onchocercidae
 Philometridae
 Spiruridae
 Thelaziidae
 Physalopteridae
 STRONGYLIDA
 Ancylostomatidae
 Ancylostoma
 Ancylostoma caninum
 Bunostomum
 Dictyocaulus
 Necator
 Metastrongylidae
 Filaroides
 Metastrongylus
 Strongylidae
 Trichostrongylidae
 Haemonchus
 TYLENCHIDA
 PLATYHELMINTHES
 Cestoda

CYCLOPHYLLIDEA
 Anoplocephalidae
 Bertiella
 Moniezia
 Davaineidae
 Dilepididae
 Hymenolepididae
 Taeniidae
 Echinococcus
 Hydatid Cyst
 Multiceps
 Taenia
 Cysticercus
 PROTEOCEPHALIDEA
 PSEUDOPHYLLIDEA
 Trematoda
 PROSOSTOMATA
 Dicrocoelidae
 Echinostomatidae
 Fasciolidae
 Fasciola
 Fasciola hepatica
 Heterophyidae
 Opisthorchiidae
 Opisthorchis
 Schistosomatidae
 Schistosoma haematobium
 Schistosoma japonicum
 Schistosoma mansoni
 Troglotrematidae
 Paragonimus
 Turbellaria
 TRICLADIDA
 PORIFERA
 PROTOZOA
 Ciliata
 HOLOTRICHA
 Bursariidae
 Frontoniidae
 Tetrahymana

20 ORGANISMS

PROTOZOA (Continued)

Ciliata (Continued)

HOLOTRICHA (Continued)

Holophryidae

Paramecium

Paramecium aurelia

Paramecium caudatum

Mastigophora

DINOFLAGELLATA

Blastodiniidae

Hexamita

Ichthyophthirius

Oodinium

Trichodina

MYXOSPORIDEA

Ceratomyxa

Henniguya

Myxobolus

Myxosoma

Plistophora

POLYMASTIGINA

Chilomastigidae

Hexamitidae

Giardia

Hexamita

Tetramitidae

Costia

Enteromonas

Tetramitus

PROTOMONADINA

Bodonidae

Cryptobiidae

Trypanosomatidae

Crithidia

Leishmania

Leishmania donovani

Trypanosoma

Trypanosoma brucei

Trypanosoma cruzi

Trypanosoma lewisi

TRICHOMONADIDA

Trichomonadidae

Sarcodina

AMOEBIDA

Amoebidae

Amoeba

Acanthamoeba

Chaos

Hartmanella

Entamoebidae

Endolimax

Entamoeba

Entamoeba histolytica

Iodamoeba

Sporozoa

COCCIDIA

Eimeriidae

Eimeria

Isospora

Tyzzeria

Wenyonella

Haemogregarinidae

Hepatozoidae

HAEMOSPORIDIA

Toxoplasma

Toxoplasma gondii

Pneumocystis

Babesiidae

Haemoproteidae

Hemoproteus

Hepatocystis

Leucocytozoon

Theileriidae

Plasmodiidae

Plasmodium

Plasmodium brasilianum

Plasmodium cynomolgi

Plasmodium falciparum

Plasmodium gallinaceum

Plasmodium knowlesi

Plasmodium malariae

Plasmodium simium

Plasmodium vivax

MICROSPORIDIA
 Nosematidae
 Encephalitozoon

Glugea
 SARCOSPORIDIA
 Suctoria

B2

Vertebrates

CHORDATA

Amphibia

URODELA

Ambystomidae

Salamandridae

SALIENTIA

Bufo

Pipidae

Ranidae

Animals

CAPTIVE WILD (ZOO) ANIMALS

DOMESTIC ANIMALS

FERAL ANIMALS

LABORATORY (EXPERIMENTAL)

ANIMALS

Aves

ANSERIFORMES

CASUARIIFORMES

CICONIIFORMES

COLUMBIFORMES

FALCONIFORMES

GALLIFORMES

Meleagrididae

Phasianidae

Coturnix

Gallus domesticus

Tetraonidae

PASSERIFORMES

PSITTACIFORMES

RHEIFORMES

SPHENISCIFORMES

STRUTHIONIFORMES

TINAMIFORMES

(Fishes)

AGNATHA

Myxini

Myxiniidae

Petromyzontiformes

Petromyzontidae

CHRONDRICHTHYES

Rajiformes

Torpedinidae

Squaliformes

Squalidae

OSTEICHTHYES

Anguilliformes

Clupeiformes

Clupeidae

Salmonidae

Cypriniformes

Cyprinidae

Ictaluridae

Siluridae

Cyprinodontiformes

Cyprinodontidae

Poeciliidae

Lebistes

Dipteriformes

Gasterosteriformes

22 ORGANISMS

CHORDATA (Continued)

Mammalia

ARTIODACTYLA

Bovidae

Bison

Cattle

Goats

Sheep

Camelidae

Cervidae

Odocoileus

Rangifer

Swine

CARNIVORA

Canidae

Dogs

Felidae

Cats

Mustelidae

Procyonidae

CETACEA

CHIROPTERA

Desmodontidae

Pteropidae

Vespertiliouidae

DERMOPTERA

EDENTATA

INSECTIVORA

Solenodontidae

MARSUPIALIA

Didelphidae

Macropodidae

PERISSODACTYLA

Equidae

PHOLIDOTA

PINNIPEDIA

PRIMATES

Callitrichidae

Cebidae

Ateles

Cebus

Saimiri

Cercopithecidae

Cerocebus

Cercopithecus

Colobus

Macaca

Papio

Daubentoniidae

Hominidae

Indriidae

Lemuridae

Lorisidae

Galaginae

Pongidae

Pan

Tarsiidae

Tupaiidae

PROBOSCIDEA

LAGOMORPHA

Leporidae

Oryctolagus

RODENTIA

Caviidae

Chinchillidae

Cricetidae

Meriones

Mesocricetus

Peromyscus

Dipodidae

Heteromyidae

Muridae

Mus Species

Inbred Strains, Mice

A

AKR

BALB/c

CBA

C3H

C57/Bl

DBA

ICR

Rattus Species

Inbred Strains, Rats

ACI
 BN
 BUF
 F344
 LEW
 WF

SCIURIDAE
Reptilia
 LORICATA
 SQUAMATA
 Ophidia
 Sauria
 TESTUDINATA

B3

Bacteria

RICKETTSIALES**Anaplasmataceae**

ANAPLASMA

Bartonellaceae

BARTONELLA

BARTONELLA BACILLIFORMIS

EPERYTHROZON

HEMOBARTONELLA

GRAHAMELLA

Chlamydiaceae

CHLAMYDIA

Ehrlichiae

MIYAGAWANELLA

EHRlichIA

NEORICKETTSIA

Rickettsiaceae

RICKETTSIA PROWAZEKII

RICKETTSIA RICKETTSII

RICKETTSIA TSUTSUGAMUSHI

RICKETTSIA TYPHI

Coxiella

Coxiella burnettii

Cowdria

SCHIZOMYCETES**Actinomycetales****ACTINOMYCETACEAE**

Actinomyces

Actinomyces bovis

Actinomyces israeli

Nocardia

Nocardia asteroides

MYCOBACTERIACEAE

Mycobacterium avian

Mycobacterium balnei

Mycobacterium bovis

Mycobacterium fortuitum

Mycobacterium leprae

Mycobacterium marinum

Mycobacterium paratuberculosis

Mycobacterium tuberculosis

STREPTOMYCETACEAE

Micromonospora

Streptomyces

Beggiatoales

ACHROMATIUM

Chlamydobacteriales**Eubacteriales****ACHROMOBACTERACEAE**

Achromobacter

Alcaligenes

Flavobacterium

SCHIZOMYCETES (Continued)**Eubacteriales (Continued)****AZOBACTERACEAE****BACILLACEAE****Bacillus****Bacillus anthracis****Bacillus cereus****Bacillus megatherium****Bacillus piliformis****Bacillus subtilis****Clostridium****Clostridium botulinum****Clostridium chauvoei****Clostridium hemolyticum****Clostridium novyi****Clostridium perfringens****Clostridium septicum****Clostridium sordellii****Clostridium tetani****BACTEROIDACEAE****Bacteroides****Fusobacterium****Sphaerophorus****Streptobacillus****BREVIBACTERIACEAE****BRUCELLACEAE****Actinobacillus****Actinobacillus lignieresii****Bordetella****Bordetella pertussis****Brucella****Brucella abortus****Brucella canis****Brucella melitensis****Brucella neotomae****Brucella suis****Francisella tularensis****Haemophilus****Haemophilus influenzae****Haemophilus piscium****Moraxella****Pasteurella****Pasteurella multocida****Pasteurella piscicida****Pasteurella pneumotropica****Pasteurella pseudotuberculosis****Pasteurella septicaemiae****Pasteurella tularensis****Yersinia pestis****CORYNEBACTERIACEAE****Arthrobacter****Corynebacterium****Corynebacterium diphtheriae****Corynebacterium equi****Corynebacterium kutscheri****Corynebacterium pseudotuberculosis****Corynebacterium pyogenes****Corynebacterium renale****Erysipelothrix****Listeria****ENTEROBACTERIACEAE****Aerobacter****Aerobacter aerogenes****Arizona****Edwardsiella****Enterobacter****Erwinia****Escherichia****Escherichia coli****Klebsiella****Proteus****Proteus morgani****Salmonella****Salmonella gallinarum****Salmonella pullorum****Salmonella paratyphi****Salmonella typhimurium****Salmonella typhosa****Serratia****Serratia marcescens****Shigella****Shigella dysenteriae****Shigella flexneri****Shigella sonnei****LACTOBACILLACEAE**

Diplococcus
 Eubacterium
 Lactobacillus
 Lactobacillus acidophilus
 Leuconostoc
 Pediococcus
 Peptostreptococcus
 Streptococcus
 Streptococcus, Group A
 Streptococcus, Group B
 Streptococcus, Group C
 MICROCOCCACEAE
 Gaffkya
 Gaffkya Homari
 Peptococcus
 Sarcina
 Staphylococcus
 NEISSERIAEAE
 Neisseria
 Neisseria gonorrhoeae
 Neisseria meningitidis
 Veillonella
 PROPIONIBACTERIAEAE
 Butyribacterium
 Propionibacterium
 Rhizobiaceae
 Agrobacterium
 Chromobacterium
 Rhizobium
Mycoplasmatales
 MYCOPLASMATAEAE
 Mycoplasma
 Mycoplasma arthritidis
 Mycoplasma gallinae
 Mycoplasma meleagridae
 Mycoplasma pulmonis
Myxobacteriales
 CYTOPHAGACEAE
 Cytophaga
 Cytophaga columnaris
 Cytophaga psychrophila
 POLYANGIACEAE

Podangium
 Polyangium
 MYXOCOCCACEAE
 Chondrococcus
 Chondrococcus columnaris
Pseudomonadales
 ATHIORHODACEAE
 Rhodopseudomonas
 Rhodospirillum
 METHANOMONADACEAE
 Hydrogenomonas
 NITROBACTERACEAE
 Nitrobacter
 Nitrosomonas
 PSEUDOMONADACEAE
 Acetobacter
 Aeromonas
 Aeromonas liquefaciens
 Aeromonas punctata
 Aeromonas salmonicida
 Pseudomonas
 Pseudomonas aeruginosa
 Pseudomonas fluorescens
 SPIRILLACEAE
 Vibrio
 Vibrio Anguillarum
 Vibrio Comma
 Vibrio Parahaemolyticus
 Vibrio Piscium
 THIOBACTERIAEAE
 THIORHODACEAE
Spirochaetales
 SPIROCHAETACEAE
 Spirochaeta
 TREPONEMATACEAE
 Borrelia
 Leptospira
 Leptospira canicola
 Leptospira icterohaemorrhagiae
 Leptospira pomona
 Treponema
 Treponema pallidum

B4

Viruses

DNA VIRUSES

Adenoviruses

ADENOVIRUS, AVIAN
 GAL Virus
 CELO Virus
 Quail Bronchitis Virus
 ADENOVIRUS, BOVINE
 ADENOVIRUS, CANINE
 Infectious Canine Hepatitis Virus
 ADENOVIRUS, HUMAN
 ADENOVIRUS, MURINE
 ADENOVIRUS, PORCINE
 ADENOVIRUS, SIMIAN

Herpesvirus

HERPESVIRUS, AMPHIBIAN
 HERPESVIRUS, AVIAN
 Infectious Laryngotracheitis Virus
 Marek's Disease Virus
 Duck Plague Virus
 HERPESVIRUS, BOVINE
 Infectious Bovine Rhinotracheitis Virus
 Bovine Mamillitis Virus
 Malignant Catarrhal Fever Virus
 HERPESVIRUS, CANINE
 HERPESVIRUS, EQUINE
 Rhinopneumonitis Virus
 LK Virus
 HERPESVIRUS, FELINE
 Feline Rhinotracheitis Virus
 HERPESVIRUS, FROG
 HERPESVIRUS, HUMAN
 HERPESVIRUS, LAPINE
 HERPESVIRUS, OVINE
 HERPESVIRUS, PISCINE
 HERPESVIRUS, PORCINE
 Pseudorabies Virus

HERPESVIRUS, REPTILIAN

HERPESVIRUS, RODENT

Guinea Pig Cytomegalovirus

Mouse Cytomegalovirus

HERPESVIRUS, SIMIAN

B Virus

Marmoset Virus

Papovaviruses

PAPOVAVIRUS, BOVINE
 PAPOVAVIRUS, CANINE
 PAPOVAVIRUS, CERVINE
 PAPOVAVIRUS, EQUINE
 PAPOVAVIRUS, HUMAN
 PAPOVAVIRUS, LAPINE
 Rabbit Kidney Vacuolating Virus
 Rabbit Oral Papilloma Virus
 Rabbit Papilloma Virus
 PAPOVAVIRUS, MURINE
 Polyoma Virus
 K Virus

PAPOVAVIRUS, SIMIAN

Parvoviruses

ADENO-ASSOCIATED VIRUSES

PARVOVIRUS, CANINE

PARVOVIRUS, FELINE

PARVOVIRUS, MINK

PARVOVIRUS, MURINE

Rat Virus

Hemorrhagic Encephalopathy Virus
 of Rats

PARVOVIRUS, PORCINE

Polyhedral Cytoplasmic Viruses

POLYHEDRAL CYTOPLASMIC
 VIRUS, AMPHIBIAN

POLYHEDRAL CYTOPLASMIC
 VIRUS, PISCINE

**POLYHEDRAL CYTOPLASMIC
VIRUS, PORCINE**

**POLYHEDRAL CYTOPLASMIC
VIRUS, REPTILIAN**

Poxviruses

AVIANPOX SUBGROUP

Canarypox Virus

Fowlpox Virus

Pigeonpox Virus

MYXOMA SUBGROUP

PARAVACCINIA SUBGROUP

Orf Virus

UNGROUPED POXVIRUSES

VACCINIA SUBGROUP

Alastrim Virus

Cowpox Virus

Ectromelia Virus

Monkeypox Virus

Vaccinia Virus

Variola Virus

RNA VIRUSES

Arboviruses

ARBOVIRUSES, GROUP A

Chikungunya

Eastern Equine Encephalitis

Semliki Forest

Sindbis

Venezuelan Equine Encephalitis

Western Equine Encephalitis

ARBOVIRUSES, GROUP B

Dengue

Japanese Encephalitis

Kyasanur Forest

Louping Ill

Marburg Virus

Murray Valley Encephalitis

Powassan

St. Louis Encephalitis

Wesselsbron

West Nile

Yellow Fever Virus

**ARBOVIRUSES, BUNYAMWERA
SUPERGROUP**

Bunyamwera Group

Group C

Bwamba Group

California Encephalitis Group

Capim Group

Guama Group

Koongol Group

Patois Group

Simbu Group

ARBOVIRUSES, UNGROUPED

African Horse Sickness

Bluetongue of Sheep

Colorado Tick Fever

Crimean Hemorrhagic Fever

Ephemeral Fever Virus of Cattle

Nairobi Sheep Disease

Rift Valley Fever

Simian Hemorrhagic Fever

Coronaviruses

CORONAVIRUSES, AVIAN

Infectious Bronchitis Virus

CORONAVIRUSES, MURINE

Mouse Hepatitis Virus

Myxoviruses

TRUE MYXOVIRUSES

Influenza Viruses

Avian Type A Influenza Viruses

Fowl Plague Virus

Virus N

Equine Type A Influenza Viruses

Porcine Type A Influenza Virus

Paramyxoviruses

Paramyxovirus, Avian

Newcastle Disease Virus

Paramyxovirus, Bovine

Paramyxovirus, Canine

Paramyxovirus, Equine

Paramyxovirus, Murine

Paramyxovirus, Ovine

Paramyxovirus, Simian

RNA VIRUSES (Continued)**Myxoviruses (Continued)****PSEUDOMYXOVIRUSES**

Pseudomyxovirus, Bovine

Pseudomyxovirus, Canine

Pseudomyxovirus, Murine

Picornaviruses**PICORNAVIRUSES, AVIAN**

Enterovirus, Avian

PICORNAVIRUSES, BOVINE

Enteroviruses, Bovine

Rhinoviruses, Bovine

PICORNAVIRUSES, EQUINE

Rhinovirus, Equine

PICORNAVIRUSES, FELINE**PICORNAVIRUSES, MURINE**

Mouse Encephalomyelitis Virus

Encephalomyocarditis Virus

PICORNAVIRUSES, PORCINE

Enteroviruses, Porcine

Teschin Disease Virus

Vesicular Exanthema of Swine Virus

PICORNAVIRUSES, SIMIAN**Reoviruses****BLUETONGUE VIRUS****INFECTIOUS PANCREATIC**

NECROSIS VIRUS

Rhabdoviruses**BOVINE EPIZOOTIC FEVER VIRUS****RABIES VIRUS****VESICULAR STOMATITIS VIRUS****VIRAL HEMORRHAGIC**

SEPTICEMIA VIRUS

Thylaxoviruses**AVIAN TUMOR VIRUSES**

Fujinami Sarcoma Virus

Leukosis Viruses

Rous-Associated Viruses

Rous Sarcoma Viruses

FELINE TUMOR VIRUSES**MURINE TUMOR VIRUSES****Murine Leukemia Viruses**

Friend Leukemia Virus

Gross Leukemia Virus

Moloney Leukemia Virus

Rauscher Leukemia Virus

Murine Sarcoma Virus

Mouse Mammary Tumor Virus

UNCLASSIFIED VIRUSES**Avian Viruses****Bovine Viruses****BOVINE DIARRHEA VIRUS****Equine Viruses****EQUINE ARTERITIS VIRUS****EQUINE INFECTIOUS ANEMIA**

VIRUS

Feline Viruses**Lapine Viruses****Mink Viruses****ALEUTIAN DISEASE VIRUS****MINK ENCEPHALOPATHY VIRUS****Murine Viruses****EPIZOOTIC DIARRHEA OF**

INFANT MICE VIRUS

LYMPHOCYTIC CHORIO-

MENINGITIS VIRUS

Ovine Viruses**MAEDI VIRUS****SCRAPIE VIRUS****VISNA VIRUS****Piscine Viruses****CHINOOK SALMON VIRUS****SOCKEYE SALMON VIRUS****Porcine Viruses****HOG CHOLERA VIRUS****TRANSMISSIBLE GASTRO-**

ENTERITIS VIRUS OF SWINE

Simian Viruses

B5

Fungi, Molds, and Other Lower Plants

ALGAE

Chlorophyta
CHLAMYDOMONA
CHLORELLA
Chrysophyta
Cyanophyta
Euglenophyta
Phaeophyta
CHILOMONAS
Pyrrophyta
Rhodophyta

FUNGI

Acrasiales
Ascomycetes
CLAVICEPS
HELVELLA
NEUROSPORA
 Neurospora crassa
PIEDRAIA
SACCHAROMYCES
 Saccharomyces carlsbergensis
 Saccharomyces cerevisiae
Basidiomycetes
AGARICALES
 Amanita
 Boletus
 Clitocybe
 Psilocybe
 Russulaceae
LYCOPERDALES
 Calvatia
USTILAGINALES
Deuteromycetes
MONILIALES
 Allescheria

Aspergillus
 Aspergillus clavatus
 Aspergillus flavus
 Aspergillus flavus-oryzae
 Aspergillus fumigatus
Blastomyces
Candida
 Candida albicans
 Candida krusei
 Candida parapsilosis
 Candida tropicalis
Cephalosporium
Cercospora
Cladosporium
 Cladosporium werneckii
Coccidioides
Cryptococcus
Curvularia
Dendrodochium
Epidermophyton
Fusarium
Histoplasma
Madurella
Malassezia
Microsporium
 Microsporium audouini
 Microsporium canis
 Microsporium equinum
Paracoccidioides
Penicillium
 Penicillium chrysogenum
 Penicillium notatum
Phialophora
Sporotrichum
Stachybotrys
Torulopsis

30 ORGANISMS

FUNGI (Continued)

Deuteromycetes (Continued)

MONILIALES (Continued)

Trichophyton

Trichophyton equinum

Trichophyton megninii

Trichophyton mentagrophytes

Trichophyton quinckeanum

Trichophyton verrucosum

Trichosporon

Oomycetes

SAPROLEGNIA

Zygomycetes

ABSIDIA

BASIDIOBOLUS

RHIZOPUS

LICHEN

PLANKTON

B6

Mosses, Ferns, and Higher Plants

ANACARDIACEAE

APOCYNACEAE

Acokanthera

Apocynum

Rauwolfia

Strophanthus

Vinca

ARACEAE

Acorus

ARALIACEAE

BERBERIDACEAE

BORAGINACEAE

CARICACEAE

CHENOPODIACEAE

COMPOSITAE

Arnica

Artemisia

Carthamus

Chrysanthemum

CRUCIFERAE

Brassica

CUCURBITACEAE

Citrullus

ERICACEAE

ERYTHROXYLACEAE

EUPHORBIACEAE

Croton

Jatropha

Mallotus

GNETACEAE

Ephedra

GRAMINAE

Cymbopogon

Oryza

Triticum

Zea

HAMAMELIDACEAE**IRIDACEAE****LABIATAE**

Mentha

LAMINARIACEAE**LAURACEAE**

Cinnamomum

LEGUMINOSAE

Acacia

Andira

Arachis

Cassia

Derris

Glycine

Glycyrrhiza

Lonchocarpus

Medicago

Phaseolus

Physostigma

Toluidifera

LILIACEAE

Aloe

Schoenocaulon

Urginea

Veratum

LINACEAE**LOGANIACEAE**

Strychnos

LORANTHACEAE**LYTHRACEAE**

Lawsonia

MALVACEAE

Gossypium

MELIACEAE

Guarea

MENISPERMACEAE

Anamirta

Chondodendron

MORACEAE**MYRTACEAE****OLEACEAE****PAPAVERACEAE**

Sanguinaria

PINACEAE

Pinus

PIPERACEAE**PLANTAGINACEAE****POLYGONACEAE**

Rheum

POLYPODIACEAE

Dryopteris

RANUNCULACEAE

Aconitum

Delphinium

RHAMNACEAE

32 ORGANISMS

ROSACEAE

Prunus

RUBIACEAE

Cephaelis

Coffea

RUTACEAE

Citrus

Pilocarpus

SAPOTACEAE

Palaquium

SCROPHULARIACEAE

SIMAROUBACEAE

Ailanthus

Picrasma

SOLANACEAE

Atropa

Capsicum

Datura

Hyoscyamus

Nicotiana

Scopolia

Solanum

STERCULIACEAE

Theobroma

THEACEAE

UMBELLIFERAE

Conium

Peucedanum

URTICACEAE

Humulus

VALERIANACEAE

C

DISEASES

C1

Infectious Diseases

ACTINOMYCETALES INFECTIONS

Actinomycosis

Mycobacterium Infections

LEPROSY

PARATUBERCULOSIS

TUBERCULOSIS

Nocardia Infections

BACTERIAL INFECTIONS

Actinobacillus Infections

GLANDERS

Anthrax

Bacterioides Infections

Bacterial Gill Disease

Bacterial Hemorrhagic Septicemia

Blue Slime

Bordetella Infections

Brucellosis

Clostridium Infections

ENTEROTOXEMIA

GAS GANGRENE

TETANUS

Columnaris Disease

Corynebacterium Infections

DIPHTHERIA

Enterobacteriaceae Infections

ESCHERICHIA COLI INFECTIONS

KLEBSIELLA INFECTIONS

PARATYPHOID FEVERS

PROTEUS INFECTIONS

TYPHOID

Erysipelothrix Infections

ERYSIPELOID

Furunculosis

Fin Rot

Haemophilus Infections

Listeria Infections

Meningococcal Infections

Mimae Infections

Mycoplasma Infections

Pasteurella Infections

PLAGUE

TULAREMIA

Peduncle Disease

BACTERIAL INFECTIONS

(Continued)

Pneumococcal Infections

Pneumonia, Staphylococcal

Pseudomonas Infections

MELIOIDOSIS

Rat-Bite Fever

Shigellosis

Sphaerophorus Infections

Spirochaetales Infections

BORRELIA INFECTIONS

Relapsing Fever

Vincent's Infection

LEPTOSPIROSIS

Icterohemorrhagic Leptospirosis

TREPONEMAL INFECTIONS

Pinta

Yaws

Staph Infections

Streptococcal Infections

ERYSIPELAS

SCARLET FEVER

Tyzzler's Disease

Ulcer Disease

Vibrio Infection

CHOLERA

INFECTION

Abscess

ABCESS, PERITONSILLAR

PERIAPICAL ABSCESS

Carrier State

Communicable Diseases

DISEASE OUTBREAKS

DISEASE RESERVOIRS

Focal Infection

Laboratory Infection

ABORTION, SEPTIC

Respiratory Tract Infections

Septicemia

Toxemia

Venereal Diseases

CHANCROID

GONORRHEA

GRANULOMA INGUINALE

LYMPHOGANULOMA

VENEREUM

SYPHILIS

Zoonoses

MYCOSES

Aspergillosis

Blastomycosis

Coccidioidomycosis

Cryptococcosis

Geotrichosis

Histoplasmosis

Lung Disease, Fungal

Lymphangitis, Epizootic

Moniliasis

MONILIASIS, CUTANEOUS

MONILIASIS, ORAL

MONILIASIS, VULVOVAGINAL

Mucormycosis

Piedra

Rhinosporidiosis

Sporotrichosis

PARASITIC DISEASES

Acanthocephalan Infestations

Arthropod Infestations

Cestode Infestations

CENURIASIS

CYSTICERCOSIS

DIPHYLLOBOTHRIASIS

DIPYLIDIASIS

ECHINOCOCCOSIS

ECHINOCOCCOSIS, HEPATIC

Echinococcosis, Pulmonary

HYMENOLEPIASIS

MONIEZIASIS

RAILLIETINIASIS

SPARGANOSIS

TAENIASIS

Helminthiasis

Nematode Infestations

ANCYLOSTOMIASIS
 ASCARIASIS
 ASPICULARIASIS
 BUNOSTOMIASIS
 DIOCTOPHYMA RENALE
 INFESTATIONS
 DIROFILARIASIS
 DRACUNCULOSIS
 FILARIASIS
 HABRONEMIASIS
 HOOKWORM INFECTION
 LARVA MIGRANS
 LARVA MIGRANS, VISCERAL
 OESOPHAGOSTOMIASIS
 ONCHOCERCIASIS
 OXYURIASIS
 STRONGYLE INFESTATIONS
 STRONGYLOIDIASIS
 SYNGAMIASIS
 TRICHINOSIS
 TRICHOSTRONGYLOIDIASIS
 TRICHURIASIS
Parasitism, Intestinal
Protozoan Infections
 AMEBIASIS
 BABESIASIS
 BALANTIDIASIS
 BESNOITIASIS
 COCCIDIOSIS
 GIARDIASIS
 HISTOMONIASIS
 LEISHMANIASIS
 LEISHMANIASIS,
 MUCOCUTANEOUS
 LEISHMANIASIS, VISCERAL
 MALARIA
 PNEUMOCYSTIS
 SARCOSPORIDIOSIS
 THEILERIASIS
 TOXOPLASMOSIS
 TOXOPLASMOSIS, CONGENITAL

TOXOPLASMOSIS, OCULAR
 TRICHOMONAS CYSTITIS
 TRICHOMONAS INFECTIONS
 TRICHOMONAS PROSTATO-
 SEMINO-VESICULITIS
 TRICHOMONAS URETHRITIS
 TRICHOMONAS VAGINITIS
 TRYPANOSOMIASIS
 TRYPANOSOMIASIS, AFRICAN
 TRYPANOSOMIASIS, SOUTH
 AMERICAN

Trematode Infestations

CLONORCHIASIS
 DICROCOELIASIS
 FASCIOLIASIS
 FASCIOLOIDIASIS
 OPISTHORCHIASIS
 PARAGONIMIASIS
 SCHISTOSOMIASIS

RICKETTSIALES INFECTIONS

Anaplasmosis
Bartonella Infections
Chlamydia Infections
 TRACHOMA
Heartwater Disease
Miyagawanella Infections
 ORNITHOSIS
Neorickettsial Diseases
Rickettsial Diseases
 Q FEVER
 RICKETTSIALPOX
 ROCKY MOUNTAIN SPOTTED
 FEVER
 SCRUB TYPHUS
 TRENCH FEVER
 TYPHUS
 TYPHUS, MURINE

TUBERCULOSIS

Tuberculoma

VIRUS DISEASES

Adenovirus Infections
African Swine Fever
Arbovirus Infections
COLORADO TICK FEVER
DENGUE
EPIDEMIC HEMORRHAGIC FEVER
NAIROBI SHEEP DISEASE
PAPPATACI FEVER
RIFT VALLEY FEVER
WEST NILE FEVER
YELLOW FEVER
Blue Tongue
Cat-Scratch Disease
Chinook Salmon Virus Disease
Common Cold
Contagious Stomatitis
Distemper
Enterovirus Infections
COXSACKIE VIRUS INFECTIONS
ECHO VIRUS INFECTIONS
HERPANGINA
PLEURODYNIA, EPIDEMIC
Ephemeral Fever
Equine Infectious Anemia
Feline Panleukopenia
Foot-and-Mouth Disease
Gastroenteritis, Transmissible of Swine
Herpesvirus Infections
CHANNEL CATFISH VIRUS DISEASE
CHICKENPOX
HERPES LABIALIS
HERPESVIRUS SIMIAE INFECTIONS
HERPES SIMPLEX
HERPES ZOSTER

PSEUDORABIES

Hog Cholera
Infectious Hematopoietic Disease
Infectious Mononucleosis
Kidney Tumor
Lymphocystis Disease
Measles
Myxovirus Infections
BLUEGILL MYXOVIRUS INFECTION
FOWL PLAGUE
INFLUENZA
NEWCASTLE DISEASE
PARA-INFLUENZA
Poxvirus Infections
ECTHYMA, CONTAGIOUS
ECTROMELIA
FOWL POX
MONKEY POX
MOLLUSCUM CONTAGIOSUM
MYXOMATOSIS, INFECTIOUS
SMALLPOX
VACCINIA
Rabies
Reovirus Infections
AFRICAN HORSEICKNESS
INFECTIOUS PANCREATIC NECROSIS
Rhabdovirus Infections
SOCKEYE SALMON VIRUS DISEASES
VIRAL HEMORRHAGIC SEPTICEMIA
Rinderpest
Rubella
Scrapie
Slow Virus Diseases

C2

Neoplasms, Cysts, and Polyps

CYSTS**Bone Cyst****Dermoid Cyst****Epidermal Cyst****Esophageal Cyst****Kidney, Cystic**

KIDNEY, POLYCYSTIC

Mediastinal Cyst**Mesenteric Cyst****Mucocele****Nonodontogenic Cysts****Odontogenic Cysts**

DENTIGEROUS CYST

PERIODONTAL CYST

RADICULAR CYST

Ovarian Cysts

CORPUS LUTEUM CYST

STEIN-LEVENTHAL SYNDROME

Pancreatic Cyst**Parovarian Cyst****Pilonidal Cyst****Ranula****Sebaceous Cyst****Synovial Cyst****Thyroglossal Cyst****Umbilical Cyst****NEOPLASMS****Carcinoma**

CARCINOMA, BASAL CELL

CARCINOMA, BASOSQUAMOUS

Keratoacanthoma

CARCINOMA, BROWN-PEARCE

CARCINOMA, COLLOID

CARCINOMA, DUCTAL

CARCINOMA, EHRLICH TUMOR

CARCINOMA, EPIDERMOID

Paget's Disease, Extra-Mammary

CARCINOMA, KREBS 2

CARCINOMA, MUCINOUS

CARCINOMA, PAPILLARY

CARCINOMA, SCIRRHOUS

CARCINOMA, SQUAMOUS CELL

CARCINOMA, TRANSITIONAL

CELL

CARCINOMA 256, WALKER

Cell Transformation, Neoplastic**Leukemia**

LEUCOSARCOMA

LEUKEMIA, EXPERIMENTAL

LEUKEMIA, LYMPHOCYTIC

Leukemia, Lymphoblastic

LEUKEMIA, MONOCYTIC

Leukemia, Monoblastic

LEUKEMIA, MYELOCYTIC

Leukemia, Myeloblastic

LEUKEMIA, PLASMACYTIC

LEUKEMIA, RADIATION-

INDUCED

LEUKEMIA, SUBLEUKEMIC

Lymphoma

ADENOLYMPHOMA

BURKITT'S LYMPHOMA

HODGKIN'S DISEASE

LYMPHOMA, GIANT FOLLICULAR

LYMPHOSARCOMA

MULTIPLE MYELOMA

Plasmacytoma

MYCOSIS FUNGOIDES

SARCOMA, RETICULUM CELL

Melanoma**Neoplasm Circulating Cells**

NEOPLASMS (Continued)**Neoplasm Metastasis****Neoplasm Recurrence, Local****Neoplasm Regression, Spontaneous****Neoplasm Seeding****Neoplasms, Connective Tissue**

CHONDROBLASTOMA

CHONDROMA

CHONDROSARCOMA

FIBROMA

Fibroma, Shope

FIBROSARCOMA

GIANT CELL TUMORS

HISTIOCYTOMA

LIPOMA

LIPOMATOSIS

LIPOSARCOMA

MESOTHELIOMA

MYXOMA

MYXOSARCOMA

OSTEOMA

Osteoma, Osteoid

SARCOMA, EWING'S

SARCOMA, OSTEOGENIC

SYNOVIOMA

Neoplasms, Embryonal and Mixed

ADENOFIBROMA

BRANCHIOMA

BRENNER TUMOR

CARCINOSARCOMA

CHORDOMA

CHORIOEPITHELIOMA

Chorioadenoma

Choriocarcinoma

Hydatidiform Mole

CHORISTOMA

CRANIOPHARYNGIOMA

CYSTOSARCOMA PHYILLODES

DERMOID

DISGERMINOMA

DYSEMBRYOMA

ENDOMETRIOSIS

HAMARTOMA

MESENCHYMOMA

MESONEPHROMA

MIXED SALIVARY GLAND
TUMOR

MYOEPIHELIAL TUMOR

NEOPLASMS, DENTAL TISSUE

Ameloblastoma

Odontogenic Tumor

NEPHROBLASTOMA

NEVUS

Nevus, Pigmented

TERATOMA

THYROMA

Neoplasms, ExperimentalMAMMARY NEOPLASMS,
EXPERIMENTAL

MASTOSARCOMA

NEOPLASMS CHEMICALLY
INDUCEDNEOPLASMS PHYSICALLY
INDUCED

NEOPLASMS TRANSMISSIBLE

NEOPLASMS TRANSPLANTABLE

PAPILLOMA, SHOPE

PLANT TUMORS

Neoplasms, Glandular Epithelial

ADENOCARCINOMA

Adenocarcinoma, Papillary

ADENOMA

Adenoma, Basophilic

Adenoma, Chromophobe

Adenoma, Eosinophilic

Adenoma, Virilizing

Adenomatosis, Familial Endocrine

Adenomatosis, Pulmonary

ADRENAL CORTICAL REST
TUMOR

ARRHENOBLASTOMA

CHOLANGIOMA

CHOLESTEATOMA

CYLINDROMA

- CYSTADENOCARCINOMA
 CYSTADENOMA
 Cystadenoma, Mucinous
 Cystadenoma, Papillary
 GRANULOSA CELL TUMOR
 GYNANDROBLASTOMA
 HEPATOMA
 HIDRADENOMA
 ISLET CELL TUMOR
 LEYDIG CELL TUMOR
 PAPHILOMA
 Condylomata Acuminata
 RETE CELL TUMOR
 SERTOLI CELL TUMOR
 THECA CELL TUMOR
Neoplasms, Multiple Primary
Neoplasms, Muscle Tissue
 LEIOMYOMA
 LEIOMYOSARCOMA
 MYOBLASTOMA
 MYOMA
 MYOSARCOMA
 RHABDOMYOMA
 RHABDOMYOSARCOMA
Neoplasms, Nervous Tissue
 CARCINOID TUMOR
 Carcinoid Heart Disease
 Malignant Carcinoid Syndrome
 EPENDYMOMA
 GANGLIONEUROMA
 GLIOMA
 Astrocytoma
 Glioblastoma Multiforme
 Oligodendroglioma
 GLIOSARCOMA
 MEDULLOBLASTOMA
 MENINGIOMA
 NEURILEMMOMA
 NEUROBLASTOMA
 Retinoblastoma
 NEUROFIBROMA
 NEUROFIBROMATOSIS
 NEUROMA
 PARAGANGLIOMA
 Pheochromocytoma
 PARAGANGLIOMA,
 NONCHROMAFFIN
 Carotid Body Tumor
Neoplasms, Radiation-Induced
Neoplasms, Squamous Epithelial
Neoplasms, Vascular Tissue
 ANGIOKERATOMA
 ANGIOMA, SCLEROSING
 ANGIOMATOSIS
 ANGIOSARCOMA
 GLOMANGIOMA
 HEMANGIOENDOTHELIOMA
 HEMANGIOMA
 Hemangioma, Cavernous
 HEMANGIOPERICYTOMA
 LYMPHANGIOENDOTHELIOMA
 LYMPHANGIOMA
 LYMPHANGIOSARCOMA
 SARCOMA, KAPOSI'S
Precancerous Conditions
 ERYTHROPLASIA
 LEUKOPLAKIA
Sarcoma
 SARCOMA, MAST CELL
Neoplasms by Site
 ABDOMINAL NEOPLASMS
 Peritoneal Neoplasms
 Retroperitoneal Neoplasms
 ANAL GLAND NEOPLASMS
 BONE NEOPLASMS
 Femoral Neoplasms
 Jaw Neoplasms
 Mandibular Neoplasms
 Maxillary Neoplasms
 SKULL NEOPLASMS
 SPINAL NEOPLASMS
 DIGESTIVE SYSTEM NEOPLASMS
 Bile Duct Neoplasms
 Esophageal Neoplasms

NEOPLASMS (Continued)

Neoplasms by Site (Continued)

DIGESTIVE SYSTEM NEOPLASMS

(Continued)

Gallbladder Neoplasms

Gastrointestinal Neoplasms

Intestinal Neoplasms

Anus Neoplasms

Appendiceal Neoplasms

Cecal Neoplasms

Colonic Neoplasms

Duodenal Neoplasms

Rectal Neoplasms

Sigmoid Neoplasms

Liver Neoplasms

Mouth Neoplasms

Lip Neoplasms

Palatal Neoplasms

Parotid Neoplasms

Salivary Gland Neoplasms

Tongue Neoplasms

Pancreatic Neoplasms

Zollinger-Ellison Syndrome

Stomach Neoplasms

ENDOCRINE GLAND NEOPLASMS

Adrenal Gland Neoplasms

Parathyroid Neoplasms

Pituitary Neoplasms

Thymus Neoplasms

Thyroid Neoplasms

EYE NEOPLASMS

Choroid Neoplasms

Eyelid Neoplasms

Orbital Neoplasms

FACIAL NEOPLASMS

MAMMARY NEOPLASMS

NECK NEOPLASMS

NERVOUS SYSTEM NEOPLASMS

Brain Neoplasms

Cerebellar Neoplasms

Cerebral Ventricle Neoplasms

Peripheral Nerve Neoplasms

Pinealoma

Spinal Cord Neoplasms

**OTORHINOLARYNGOLOGIC
NEOPLASMS**

Ear Neoplasms

Laryngeal Neoplasms

Nasopharyngeal Neoplasms

Nose Neoplasms

Paranasal Sinus Neoplasms

Pharyngeal Neoplasms

Tonsillar Neoplasms

PELVIC NEOPLASMS

SKIN NEOPLASMS

Sebaceous Gland Neoplasms

Sweat Gland Neoplasms

SPLENIC NEOPLASMS

THORACIC NEOPLASMS

Heart Neoplasms

Mediastinal Neoplasms

Pleural Neoplasms

Respiratory Tract Neoplasms

Bronchial Neoplasms

Carcinoma, Bronchiolar

Carcinoma, Bronchogenic

Lung Neoplasms

Pancoast's Syndrome

Tracheal Neoplasms

UROGENITAL NEOPLASMS

Bladder Neoplasms

Gynecologic Neoplasms

Cervix Neoplasms

Fallopian Tube Neoplasms

Meigs' Syndrome

Ovarian Neoplasms

Uterine Neoplasms

Vaginal Neoplasms

Vulvar Neoplasms

Kidney Neoplasms

Penile Neoplasms

Prostatic Neoplasms

Testicular Neoplasms

Ureteral Neoplasms

Urethral Neoplasms

POLYPS
Gingival Polyps

Intestinal Polyps
Nasal Polyps

C3

Musculoskeletal System Diseases

ARTHRITIS

Arthritis, Infectious
Arthritis, Rheumatoid

FELTY'S SYNDROME
RHEUMATOID NODULE

Gout

Osteoarthritis

SPINAL OSTEOPHYTOSIS

Periarthritis

BONE DISEASES

Bone Resorption, Pathologic
Epiphyses, Slipped
Exostoses

Jaw Diseases

MANDIBULAR DISEASES

MAXILLARY DISEASES

Osteitis Deformans

Osteochondritis

BONE DISEASES

DEVELOPMENTAL

Achondroplasia

Dyschondroplasia

CHONDRODYSSTROPHIA

CALCIFICANS CONGENITA

ECCENTRO-

OSTEOCHONDRODYSPLASIA

EXOSTOSES, MULTIPLE

OSTEOGENESIS IMPERFECTA

Fibrous Dysplasia of Bone

Hyperostosis, Cortical Congenital

Hyperostosis Frontalis Interna

Leontiasis Ossium

Lobster Claw

Osteosclerosis

MELORHEOSTOSIS

OSTEOPETROSIS

OSTEOPOIKILOSI

BONE DISEASES, ENDOCRINE

Osteitis Fibrosa Cystica

BONE DISEASES, INFECTIOUS

Osteitis

Osteomyelitis

Periostitis

BONE DISEASES, METABOLIC

Lipocondrodystrophy

Osteomalacia

Osteoporosis

SUDECK'S ATROPHY

CARTILAGE DISEASES

Polychondritis, Relapsing

Tietze's Syndrome

JOINT DISEASES

Ankylosis

SPONDYLITIS, ANKYLOSING

Arthrogryposis

JOINT DISEASES (Continued)

Arthropathy, Neurogenic
 Bursitis
 Hemarthrosis
 Hydrarthrosis
 Osteoarthropathy, Primary
 Hypertrophic
 Osteoarthropathy, Secondary
 Hypertrophic
 Shoulder-Hand Syndrome
 Synovitis

MUSCLE DISEASES

Contracture
 DUPUYTREN'S CONTRACTURE
 HIP CONTRACTURE
 VOLKMANN'S CONTRACTURE
 Dystonia Musculorum Deformans
 Fibrositis
 Muscle Cramp
 Muscular Atrophy
 Musculoskeletal Parasitism
 Muscular Dystrophy

Myasthenia Gravis

Myoclonus
 PARAMYOCLONUS MULTIPLEX
 Myoglobinuria
 Myositis
 DERMATOMYOSITIS
 EOSINOPHILIC MYOSITIS
 MYOSITIS OSSIFICANS
 Myotonia
 MYOTONIA ATROPHICA
 MYOTONIA CONGENITA
 Polymyalgia Rheumatica
 Rhabdomyolysis
 Tendonitis
 Tenosynovitis

SPINAL DISEASES

Intervertebral Disk Displacement
 Spinal Curvatures
 KYPHOSIS
 LORDOSIS
 SCOLIOSIS
 Spondylitis

C4**Digestive System Diseases****BILIARY TRACT DISEASES**

Biliary Dyskinesia
 Biliary Fistula
 Cholangitis
 Cholelithiasis
 COMMON BILE DUCT CALCULI
 Gallbladder Diseases
 CHOLECYSTITIS
 Jaundice, Obstructive
 CHOLESTASIS

ESOPHAGEAL DISEASES

Cardiospasm
 Deglutition Disorders
 Esophageal Dilatation
 Esophageal Diverticula
 Esophageal Fistula
 Esophageal Reflux
 Esophageal Stenosis
 Esophageal Varices
 Esophagitis

GASTROINTESTINAL DISEASES**Gastroenteritis****Visceroptosis****HERNIA****Diaphragmatic Hernia****Femoral Hernia****Inguinal Hernia****Umbilical Hernia****Ventral Hernia****INTESTINAL DISEASES****Anus Diseases**

FISSURE IN ANO

Cecal Diseases

APPENDICITIS

Colonic Diseases

COLITIS

COLITIS, ULCERATIVE

COLONIC DISEASES,

FUNCTIONAL

DIVERTICULITIS, COLONIC

DIVERTICULOSIS, COLONIC

ENTEROCOLITIS, ACUTE

Constipation**Diarrhea**

DIARRHEA, INFANTILE

DYSENTERY

DYSENTERY, BACILLARY

Diverticulitis**Duodenal Diseases****Enteritis****Enteritis, Regional****Ileitis****Intestinal Diseases, Parasitic**

INTESTINAL AMEBIASIS

Intestinal Fistula**Intestinal Obstruction**

AFFERENT LOOP SYNDROME

DUODENAL OBSTRUCTION

FECES, IMPACTED

INTUSSUSCEPTION

Intestinal Perforation**Pneumatosis Cystoides Intestinalis****Rectal Diseases**

FECAL INCONTINENCE

HEMORRHOIDS

PROCTITIS

RECTAL FISTULA

RECTAL PROLAPSE

RECTOVAGINAL FISTULA

LIVER DISEASES**Fatty Liver****Hepatic Coma****Hepatic Necrosis****Hepatic Vein Thrombosis****Hepatitis**

HEPATITIS, HOMOLOGOUS

SERUM

HEPATITIS, INFECTIOUS

CANINE

HEPATITIS, MURINE

HEPATITIS, TOXIC

Hepatomegaly**Liver Abscess****Liver Cirrhosis**

LIVER CIRRHOSIS,

EXPERIMENTAL

LIVER CIRRHOSIS,

OBSTRUCTIVE

LIVER CIRRHOSIS, POST-

NECROTIC

MOUTH DISEASES**Cheilitis****Dental Deposits**

DENTAL CALCULUS

DENTAL PLAQUE

Dental Fistula

OROANTRAL FISTULA

Dental Pulp Diseases

PULPITIS

Dry Socket

MOUTH DISEASES (Continued)

Epulis

Gingival Diseases

GINGIVAL HYPERPLASIA

GINGIVAL HYPERTROPHY

GINGIVITIS

PERICORONITIS

Ludwig's Angina

Malocclusion

Mouth, Edentulous

Oral Manifestations

Periodontal Diseases

DENTAL OCCLUSION,

TRAUMATIC

PERIODONTITIS

TOOTH EXFOLIATION

Salivary Gland Diseases

PAROTITIS

SALIVARY DUCT CALCULI

SALIVARY GLAND FISTULA

SJOGREN'S SYNDROME

XEROSTOMIA

Stomatitis

NOMA

STOMATITIS, APHTHOUS

STOMATITIS, GANGRENOUS

VINCENT'S INFECTION

Tongue Disease

GLOSSITIS

TONGUE, FISSURED

Tooth Diseases

PANCREATIC DISEASES

Pancreatic Fibrosis

Pancreatic Fistula

Pancreatic Necrosis

Pancreatitis

PEPTIC ULCER

Duodenal Ulcer

Esophagitis, Peptic

Marginal Ulcer

Peptic Ulcer Perforation

PERITONAL DISEASES

Chyloperitoneum

Lymphadenitis, Peritoneal

Peritonitis

Pneumoperitoneum

Subphrenic Abscess

Tuberculosis, Peritoneal

STOMACH DISEASES

Gastric Fistula

Gastric Mucosa Prolapse

Gastritis

Postgastrectomy Syndromes

DUMPING SYNDROME

Pyloric Stenosis

Regurgitation, Gastric

Stomach Dilatation

Stomach Diverticula

Stomach Rupture

Stomach Ulcer

Stomach Volvulus

C5

Respiratory System Diseases

BRONCHIAL DISEASES

Bronchial Fistula
 Bronchial Spasm
 Bronchiectasis
 Bronchitis

GAS BLADDER DISEASE**GILL DISEASE****LUNG DISEASES**

Atelectasis
 Coin Lesion, Pulmonary
 Loeffler's Syndrome
 Lung Abscess
 Pneumoconiosis
 ANTHRACOSILICOSIS
 ASBESTOSIS
 BAGASSOSIS
 BYSSINOSIS
 SIDEROSIS
 SILICOSIS
 Pneumonia
 BRONCHOPNEUMONIA
 CHRONIC MURINE PNEUMONIA
 PLEUROPNEUMONIA
 PNEUMONIA, ASPIRATION
 PNEUMONIA, GRANULOMATOUS
 PNEUMONIA, LIPID
 PNEUMONIA, LOBAR
 PNEUMONIA, VERMINOUS
 Pneumonitis
 INTERSTITIAL PNEUMONITIS
 Pulmonary Alveolar Proteinosis
 Pulmonary Edema
 Pulmonary Emphysema

Pulmonary Fibrosis

Respiratory Distress Syndrome
 HYALINE MEMBRANE DISEASE

OTORHINOLARYNGOLOGIC DISEASES**Laryngeal Diseases**

LARYNGEAL EDEMA
 LARYNGEAL PERICHONDritis
 LARYNGISMUS
 LARYNGITIS
 LARYNGOTRACHEITIS

Nasopharyngeal Diseases**Nose Diseases**

CEREBROSPINAL RHINORRHEA
 GRANULOMA, LETHAL MIDLINE
 NOSE DEFORMITIES
 RHINITIS
 RHINITIS, ATROPHIC
 RHINOSCLEROMA

Paranasal Sinus Diseases

SINUSITIS

Pharyngeal Diseases

ABSCCESS, PERITONSILLAR
 PHARYNGITIS
 TONSILLITIS

PLEURAL DISEASES**Chylothorax****Empyema**

EMPHYEMA, TUBERCULOUS

Hydropneumothorax**Hydrothorax****Pleural Effusion****Pleurisy****Pneumothorax**

RESPIRATION DISORDERS

Respiratory Insufficiency
 ACIDOSIS, RESPIRATORY
Respiratory Acariasis
Respiratory Helminthiasis
Respiratory Tract Infections

Respiratory Tract Parasitism

Tracheal Diseases
 TRACHEAL STENOSIS
 TRACHEITIS
 TRACHEOESOPHAGEAL FISTULA

C6

Urogenital System Diseases

CALCULI, UROGENITAL

Urinary Calculi
 BLADDER CALCULI
 KIDNEY CALCULI
 URETERAL CALCULI

GENITAL DISEASES, MALE

Epididymitis
Hydrocele
Penile Diseases
 BALANITIS
 PENILE INDURATION
 PHIMOSIS
 PRIAPISM
Prostatic Diseases
 PROSTATIC HYPERTROPHY
 PROSTATITIS
 PROSTATO-SEMINO-
 VESCULITIS
Spermatic Cord Torsion
Spermatocele
Testicular Diseases
 ORCHITIS
Varicocele

GYNECOLOGIC DISEASES

Adnexal Diseases

ADNEXITIS
 OOPHORITIS
 PARAMETRITIS
 SALPINGITIS
Cervix Diseases
 CERVICITIS
 CERVIX EROSION
 CERVIX HYPERTROPHY
Menstruation Disorders
 AMENORRHEA
 DYSMENORRHEA
Ovarian Diseases
Uterine Diseases
 ENDOMETRIAL HYPERPLASIA
 ENDOMETRITIS
 MENORRHAGIA
 METRORRHAGIA
 UTERINE FIBROIDS
 UTERINE PROLAPSE
Vaginal Diseases
 LEUKORRHEA
 VAGINAL FISTULA
 VAGINITIS
Vulvar Diseases
 KRAUROSIS VULVAE
 VULVITIS
 VULVOVAGINITIS

LABOR COMPLICATIONS

Dystocia
Uterine Inertia

POLYURIA**PREGNANCY COMPLICATIONS****Abortion**

ABORTION, HABITUAL
ABORTION, INDUCED
ABORTION, INFECTIOUS
ABORTION, SPONTANEOUS
ABORTION, THREATENED

Abruptio Placentae**Fetal Diseases****Hemorrhage, Postpartum****Hydramnios****Labor, Premature****Placenta Accreta****Placenta Disorders****Placenta Praevia****Pregnancy Complications,
Hematologic****Pregnancy Complications,
Infectious****Pregnancy, Ectopic****PREGNANCY, ABDOMINAL****PREGNANCY, TUBAL****Pregnancy Toxemias****ECLAMPSIA****Uterine Rupture****PROTEINURIA****Proteinuria, Selective****Proteinuria, Nonselective****PUERPERAL DISORDERS****Mastitis****Puerperal Infection****SEX DISORDERS****Dyspareunia****Impotence****SEX DIFFERENTIATION
DISORDERS****Virilism****STERILITY****Sterility, Female****Sterility, Male****UROLOGIC DISEASES****Bladder Diseases**

BLADDER NECK OBSTRUCTION
BLADDER, NEUROGENIC
CYSTITIS

VESICO-URETERAL REFLUX**Kidney Diseases****ANURIA****FISH KIDNEY DISEASE****GLOMERULOSCLEROSIS****GLOMERULONEPHRITIS****GOODPASTURE'S SYNDROME****HYDRONEPHROSIS****HYPERTENSION, RENAL****KIDNEY CORTEX NECROSIS****KIDNEY FAILURE, ACUTE****KIDNEY FAILURE, CHRONIC****KIDNEY PAPILLARY NECROSIS****NEPHRITIS****NEPHRITIS, INTERSTITIAL****NEPHROCALCINOSIS****NEPHROPATHY****NEPHROSCLEROSIS****NEPHROSIS****NEPHROSIS, LIPOID****NEPHROTIC SYNDROME****PERINEPHRITIS****PYELITIS****PYELOCYSTITIS****PYELONEPHRITIS****UREMIA****Ureteral Diseases****URETERAL OBSTRUCTION****URETEROCELE****Urethral Diseases**

UROLOGIC DISEASES (Continued)

Urethral Diseases (Continued)

URETHRAL STRICTURE

URETHRITIS

Urinary Fistula

BLADDER FISTULA

VESICOVAGINAL FISTULA

Urinary Tract Infections

BACTERIURIA

PYURIA

Urination Disorders

ENURESIS

URINARY INCONTINENCE

URINARY INCONTINENCE,
STRESS

C7

Endocrine Diseases

ADRENAL GLAND DISEASES

Adrenal Gland Hyperfunction

ADRENOGENITAL SYNDROME

CUSHING'S SYNDROME

HYPERALDOSTERONISM

Adrenal Gland Hypofunction

ADDISON'S DISEASE

Waterhouse-Friderichsen Syndrome

DWARFISM

Dwarfism, Pituitary

FEMINIZATION

HERMAPHRODITISM

HYPERINSULINISM

DIABETES MELLITUS

Acidosis, Diabetic

Alloxan Diabetes

Diabetes, Experimentally Induced

Diabetes Mellitus, Juvenile

Diabetic Angiopathies

Diabetic Coma

Diabetic Nephropathies

KIMMELSTIEL-WILSON
SYNDROME

Diabetic Neuropathies

Diabetic Retinopathy

Obesity in Diabetes

Prediabetic State

Pregnancy in Diabetes

HYPOGONADISM

Eunuchism

Infantilism

Klinefelter's Syndrome

MAMMARY DISEASES

Gynecomastia

Lactation Disorders

AGALACTIA

PARATHYROID DISEASES

Hyperparathyroidism

HYPERPARATHYROIDISM,
SECONDARY

Hypoparathyroidism

PITUITARY DISEASES**Hyperpituitarism**

ACROMEGALY

GIGANTISM

Hypopituitarism

DIABETES INSIPIDUS

DWARFISM, PITUITARY

FROELICH'S SYNDROME

SHEEHAN'S SYNDROME

PROGERIA**Werner's Syndrome****PUBERTY, PRECOCIOUS****TESTICULAR FEMINIZATION****THYROID DISEASES****Goiter****Hyperthyroidism**

THYROID CRISIS

Hypothyroidism

CRETINISM

MYXEDEMA

Thyroiditis

THYROIDITIS, LYMPHOCYTIC

TUBERCULOSIS, ENDOCRINE**TURNER'S SYNDROME****C8****Cardiovascular System Diseases**

**CEREBROVASCULAR
DISORDERS****Carotid Artery Diseases****Cerebral Aneurysm****Cerebral Anoxia****Cerebral Artery Diseases****Subclavian Steal Syndrome****Vascular Headache****HEART DISEASES****Arrhythmia**

ARRHYTHMIA, SINUS

AURICULAR FIBRILLATION

AURICULAR FLUTTER

BRADYCARDIA

EXTRASYSTOLE

TACHYCARDIA

TACHYCARDIA, PAROXYSMAL

VENTRICULAR FIBRILLATION

Cardiac Tamponade**Coronary Disease**

ANGINA PECTORIS

MYOCARDIAL INFARCT

Endocarditis

ENDOCARDITIS, BACTERIAL

ENDOCARDITIS, SUBACUTE

BACTERIAL

Heart Arrest**Heart Block**

ADAMS-STOKES SYNDROME

BUNDLE-BRANCH BLOCK

WOLFF-PARKINSON-WHITE

SYNDROME

Heart Enlargement

HEART DISEASES (Continued)

Heart Failure, Congestive
Heart Valve Diseases
 AORTIC VALVE INSUFFICIENCY
 AORTIC VALVE STENOSIS
 MITRAL VALVE INSUFFICIENCY
 MITRAL VALVE STENOSIS
 PULMONARY VALVE
 INSUFFICIENCY
 PULMONARY VALVE STENOSIS
 TRICUSPID VALVE
 INSUFFICIENCY
 TRICUSPID VALVE STENOSIS
Myocardial Diseases, Primary
 ENDOCARDIAL
 FIBROELASTOSIS
 ENDOMYOCARDIAL FIBROSIS
 IDIOPATHIC HYPERTROPHIC
 SUBVALVULAR STENOSIS
Myocardial Diseases, Secondary
 MYOCARDIAL PARASITISM
 MYOCARDITIS
Pericardial Effusion
Pericarditis
 PERICARDITIS, CONSTRICTIVE
Pneumopericardium
Postpericardiotomy Syndrome
Pulmonary Heart Disease
 AYERZA'S SYNDROME
Rheumatic Heart Disease

HYPEREMIA

ISCHEMIA
Cerebral Ischemia, Transient

PARASITISM

THROMBOEMBOLISM
Carotid Artery Thrombosis
Cerebral Embolism and Thrombosis
 SINUS THROMBOSIS

WALLENBERG'S SYNDROME
Embolism

EMBOLISM, AIR
 EMBOLISM, PLACENTAL
 PRODUCTS
 EMBOLISM, FAT
 EMBOLISM, SEPTIC
 PULMONARY EMBOLISM
Thrombosis
 AORTIC THROMBOSIS
 CORONARY THROMBOSIS
 PORTAL VEIN THROMBOSIS
 PERIPHERAL ARTERY
 THROMBOSIS
 PULMONARY THROMBOSIS

VASCULAR DISEASES

Aneurysm
 ANEURYSM, MYCOTIC
 ANEURYSM, PARASITIC
 AORTIC ANEURYSM
 HEART ANEURYSM
Aortic Diseases
 AORTIC ARCH SYNDROMES
 AORTIC RUPTURE
Arteriosclerosis
 ARTERIOSCLEROSIS
 OBLITERANS
 ATHEROSCLEROSIS
 CEREBRAL
 ARTERIOSCLEROSIS
 CORONARY
 ARTERIOSCLEROSIS
 FATTY STREAK, ARTERIAL
 MEDIAL CALCIFICATION
Arteriovenous Fistula
Arteritis
 ENDARTERITIS
 POLYARTERITIS NODOSA
 TEMPORAL ARTERITIS
Hypertension
 HYPERTENSION, MALIGNANT

HYPERTENSION, PULMONARY
 HYPERTENSION, RENAL
Hypertension, Portal
Hypotension
 HYPOTENSION, ORTHOSTATIC
Mesenteric Vascular Occlusion
Microangiopathy
Peripheral Vascular Disease
 INTERMITTENT CLAUDICATION
 THROMBOANGIITIS OBLITERANS

Phlebitis
 PERIPHLEBITIS
 THROMBOPHLEBITIS
Renal Artery Obstruction
Telangiectasis
 TELANGIECTASIS,
 HEREDITARY HEMORRHAGIC
Varicose Veins
 VARICOSE ULCER

C9

Hemic and Lymphatic System Diseases

ANEMIA

Anemia, Aplastic
 Anemia, Hypochromic
 Anemia, Macrocytic
 ANEMIA, PERNICIOUS
 Anemia, Myelophthitic
 Anemia, Neonatal
 Anemia, Sideroblastic
 Anemia, Splenic
 Anemia, Hemolytic
 ANEMIA, HEMOLYTIC,
 ACQUIRED
 Anemia, Hemolytic, Autoimmune
 Hemoglobinuria, Paroxysmal
 ANEMIA, HEMOLYTIC,
 CONGENITAL
 Anemia, Hemolytic,
 Congenital Nonspherocytic
 Anemia, Sickle Cell
 Elliptocytosis, Hereditary
 Spherocytosis, Hereditary
 ERYTHROBLASTOSIS, FETAL
 Kernicterus

BLOOD PROTEIN DISORDERS

Agammaglobulinemia
 Heavy Chain Disease
 Hypoproteinemia
 Macroglobulinemia

BONE MARROW DISEASES

Myeloproliferative Disorders
 ERYTHREMIC MYELOSIS
 ERYTHROLEUKEMIA
 HEMORRHAGIC
 THROMBOCYTHEMIA
 LEUKEMOID REACTION
 MYELOFIBROSIS
 MYELOID METAPLASIA
 POLYCYTHEMIA VERA
 THROMBOCYTOSIS

HEMATOLOGIC DISEASES

Bone Marrow Diseases
Disseminated Intravascular
Coagulation
Methemoglobinemia

HEMATOLOGIC DISEASES

(Continued)

Polycythemia

Sulfhemoglobinemia

HEMOGLOBINOPATHIES

Hemoglobin C Disease

Thalassemia

HEMORRHAGIC DIATHESIS

Blood Coagulation Disorders

AFIBRINOGENEMIA

CHRISTMAS DISEASE

FACTOR V DEFICIENCY

FACTOR XI DEFICIENCY

HEMOPHILIA

HYPOPROCONVERTINEMIA

HYPOPROTHROMBINEMIAS

Blood Platelet Disorders

ALDRICH SYNDROME

HEMORRHAGIC

THROMBOCYTHEMIA

THROMBOPENIA

Purpura

PURPURA,

HYPERGLOBULINEMIC

PURPURA, THROMBOPENIC

PURPURA, THROMBOTIC

THROMBOCYTOPENIC

LEUKOCYTE DISORDERS

Agranulocytosis

Eosinophilia

Leukocytosis

Leukopenia

Lymphocytosis

LYMPHOPENIA

Pelger-Huet Anomaly

LYMPHATIC DISEASES

Lymphadenitis

CERVICAL LYMPHADENITIS

MESENTERIC LYMPHADENITIS

Lymphangiectasis

Lymphangitis

Lymphatism

Lymphedema

MILROY'S DISEASE

**RETICULOPROLIFERATIVE
DISEASES**

Eosinophilic Granuloma

SPLENIC DISEASES

Hypersplenism

Myeloid Metaplasia

Splenic Infarction

Splenic Rupture

Splenomegaly

THYMIC DISEASES

C10

Nervous System Diseases

AUTONOMIC SYSTEM DISEASES

Autonomic Dysfunction

Barre-Lieou Syndrome

Horner's Syndrome

Reflex Sympathetic Dystrophy

BRAIN DISEASES**Alzheimers Disease****Brain Abscess****Brain Damage, Chronic****Brain Edema****Cerebral Palsy****Cerebrocortical Necrosis****Encephalitis**

ENCEPHALITIS, EPIDEMIC

ENCEPHALITIS, JAPANESE B

ENCEPHALITIS, POST-

VACCINAL

ENCEPHALITIS, ST. LOUIS

ENCEPHALITIS, TICK-BORNE

LEUKOENCEPHALITIS

MENINGOENCEPHALITIS

Encephalopathy**Encephalomalacia**

POLIOENCEPHALOMALACIA

LEUKOENCEPHALOMALACIA

Epilepsy

EPILEPSY, GRAND MAL

EPILEPSY, PETIT MAL

EPILEPSY, TEMPORAL LOBE

EPILEPSY, TRAUMATIC

HYPSSARRHYTHMIA

JACKSONIAN SEIZURE

Hallervorden-Spatz Syndrome**Hepatocerebral Degeneration**

HEPATOLENTICULAR

DEGENERATION

Wilson's Disease

Hydrocephalus**Pseudotumor Cerebri****Psychoses, Senile****CENTRAL NERVOUS SYSTEM
DISEASES****Allergic Encephalomyelitis****Demyelination**

ENCEPHALITIS PERIAXIALIS

LEUKODYSTROPHY

Krabbe Leukodystrophy

Metachromatic Leukodystrophy

Sudanophil Leukodystrophy

MULTIPLE SCLEROSIS

Meningism**Motor Neuron Disease****Encephalomyelitis**

ENCEPHALOMYELITIS, EQUINE

Jakob-Creutzfeld**Kuru****Meningitis**

ARACHNOIDITIS

Lymphocytic Choriomeningitis

Meningitis, Haemophilus

Meningitis, Listeria

Meningitis, Meningococcic

Meningitis, Pneumococcal

Meningitis, Viral

NEUROSYPHILIS

Paresis

Tabes Dorsalis

POLIOMYELITIS

Poliomyelitis, Bulbar

Mental Retardation

AMAUROTIC FAMILIAL IDIOCY

CRYING CAT SYNDROME

DE LANGE'S SYNDROME

HARTNUP DISEASE

HOMOCYSTINURIA

IDIOCY

LAURENCE-MOON-BIEDL

SYNDROME

MAPLE SYRUP URINE DISEASE

MONGOLISM

OROFACIODIGITAL SYNDROME

PHENYLKETONURIA

TUBEROUS SCLEROSIS

Movement Disorders

ATHETOSIS

CATALEPSY

CATAPLEXY

CHOREA

**CENTRAL NERVOUS SYSTEM
DISEASES (Continued)**

Movement Disorders (Continued)

CHOREA (Continued)

Chorea, Hereditary

HYPERKINESIA

HYPOKINESIA

PARKINSONISM

Parkinsonism, Postencephalitic

TIC

Gilles De La Tourette's Disease

TORTICOLLIS

TREMOR

Neurologic Manifestations

AGNOSIA

Apraxia

Gerstmann's Syndrome

APHASIA

Alexia

Ataxia

Ataxia Telangiectasia

Cerebellar Ataxia

Friedreich's Ataxia

COMA

CONVULSIONS

DECEREBRATE STATE

DELIRIUM

DEMENTIA

HALLUCINATIONS

INERT GAS NARCOSIS

PARALYSIS

Hemiplegia

Mills' Syndrome

Paralysis, Bulbar

Paralysis, Obstetric

Paralysis, Spastic

Paraplegia

Quadriplegia

Respiratory Paralysis

REFLEX, ABNORMAL

SENSATION DISORDERS

Hyperesthesia

Hypesthesia

Paresthesia

SLEEP DISORDERS

Insomnia

Narcolepsy

Somnambulism

SPASM

Spasmophilia

Trismus

SPEECH DISORDERS

Mutism

UNCONSCIOUSNESS

PERIPHERAL NERVE DISEASES

Acrodynia

Carpal Tunnel Syndrome

Cranial Nerve Diseases

FACIAL NEURALGIA

FACIAL PARALYSIS

OCULOMOTOR PARALYSIS

TRIGEMINAL NEURALGIA

VOCAL CORD PARALYSIS

Frey's Syndrome

Neuralgia

CERVICO-BRANCHIAL

NEURALGIA

Neuritis

POLYNEURITIS

POLYRADICULITIS

Scalenus Anticus Syndrome

Sciatica

Tarsal Tunnel Syndrome

SPINAL CORD DISEASES

Amyotonia Congenita

Amyotrophic Lateral Sclerosis

Myelitis

Spinal Cord Compression

Syringomyelia

C11

Sense Organ Diseases

ANOSMIA

EAR DISEASES

Cerebrospinal Otorrhea
Ear, External, Deformity
Labyrinth Diseases
 MENIÈRE'S DISEASE
 MOTION SICKNESS
 VERTIGO
Mastoiditis
Otitis
 OTITIS EXTERNA
 OTITIS MEDIA

EYE DISEASES

Asthenopia
Cataract
Conjunctivitis
 CONJUNCTIVITIS, INCLUSION
 PTERYGIUM
Corneal Diseases
 ARCUS SENILIS
 CORNEAL DYSTROPHIES
 CORNEAL OPACITY
 KERATOCONUS
Exophthalmos
Eyelid Diseases
 BLEPHARITIS
 BLEPHAROPTOSIS
 ECTROPION
 ENTROPION
 HORDEOLUM
Glaucoma
 HYDROPTHALMOS
Keratitis
 CORNEAL ULCER

HERPES ZOSTER, OCULAR
 KERATITIS, DENDRITIC
 KERATOCONJUNCTIVITIS
Lacrimal Apparatus Diseases
 DACRYOCYSTITIS
 LACRIMAL DUCT
 OBSTRUCTION
Nystagmus
Ophthalmia
 OPHTHALMIA, SYMPATHETIC
 PANOPHTHALMITIS
 TRACHOMA
 XEROPHTHALMIA
Optic Nerve Diseases
 OPTIC ATROPHY
 OPTIC NEURITIS
Papilledema
Pupil Diseases
 ADIE'S SYNDROME
Retinal Diseases
 ANGIOID STREAKS
 CHORIORETINITIS
 RETINAL DEGENERATION
 RETINAL DETACHMENT
 RETINITIS
 RETINITIS PIGMENTOSA
 RETROLENTAL FIBROPLASIA
Uveal Diseases
 CHOROIDITIS
 IRIDOCYCLITIS
 IRITIS
Uveitis
 UVEOMENINGOENCEPHALITIC
 SYNDROME

EYE MANIFESTATIONS

HEARING DISORDERS

Deafness

ALPURT'S SYNDROME

DEAF-MUTISM

OTOSCLEROSIS

Tinnitus

VISION DISORDERS

Amblyopia

Blindness

Color Blindness

Diplopia

Hemeralopia

Hemianopsia

Nyctalopia

Refractive Errors

ANISEIKONIA

ASTIGMATISM

HYPEROPIA

MYOPIA

PRESBYOPIA

Scotoma

Strabismus

C12

Skin Diseases

BEHCET'S SYNDROME

CALLOSITIES

CICATRIX

CUTIS LAXA

DERMATITIS

Dermatitis, Allergic

Dermatitis, Atopic

Dermatitis, Contact

POISON IVY DERMATITIS

Dermatitis Exfoliativa

Eczema

Neurodermatitis

Occupational Dermatitis

DERMATOMYCOSIS

Chromoblastomycosis

Maduromycosis

Tinea

ERYTHEMA

ERYTHEMA NODOSUM

ERYTHRODERMA

EXANTHEMA

Exanthema Subitum

FACIAL DERMATOSES

Rosacea

FOOT DERMATOSES

HAND DERMATOSES

ICHTHYOSIS

INTERTRIGO

KELOID

KERATOSIS**LEG DERMATOSES****LICHEN PLANUS****LUPUS ERYTHEMATOSIS,
DISCOID****LUPUS ERYTHEMATOSIS,
SYSTEMIC****PANNICULITIS, NODULAR
NONSUPPURATIVE****PARAKERATOSIS****PARAPSORIASIS****PHOTODERMATITIS**
Hydroa Vacciniforme
Photosensitization**PIGMENTATION DISORDERS**Acanthosis Nigricans
Albinism
Argyria
Lentigo
Melanosis
Vitiligo**PITYRIASIS****PITYRIASIS RUBRA PILARIS****PRURIGO**PRURITUS
Pruritus Ani
Pruritus Vulvae**PSORIASIS****SCALP DERMATOSES****SCLEREDEMA ADULTORUM****SCLERODERMA****SKIN APPENDAGE DISEASES****Hair Follicle Diseases**ALOPECIA
ALOPECIA AREATA
ALOPECIA MUCINOSA
FOLLICULITIS
HIRSUTISM
HYPERTRICHOSIS**Nail Diseases**NAILS, INGROWN
NAILS, MALFORMED
PARONYCHIA**Sebaceous Gland Diseases**

SEBORRHEA

Sweat Gland Diseases

MILIARIA

SKIN DISEASES, BULLOUSDermatitis Herpetiformis
Epidermolysis Bullosa
Erythema Multiforme
STEVENS-JOHNSON SYNDROME
Pemphigus
Pompholyx**SKIN DISEASES, GENETIC**Acrodermatitis
Ehlers-Danlos Syndrome
Keratosis Follicularis
Pseudoxanthoma Elasticum
Xeroderma Pigmentosum**SKIN DISEASES, INFECTIOUS**Carbuncle
Cellulitis
PHLEGMON

SKIN DISEASES, INFECTIOUS

(Continued)

Ecthyma

Pyoderma

Furunculosis

Impetigo

Leishmaniasis, Mucocutaneous

Pinta

Warts

Yaws

SKIN DISEASES, METABOLIC

Adiposis Dolorosa

Lipodystrophy

Necrobiosis Lipoidica

Porphyria

Xanthomatosis

SKIN DISEASES, PARASITIC

Cutaneous Acariasis

SKIN MANIFESTATIONS

SKIN ULCER

Decubitus Ulcer

Leg Ulcer

URTICARIA

Angioneurotic Edema

Urticaria Pigmentosa

C13

Diseases of Nutrition and Metabolism

AVITAMINOSIS

Ascorbic Acid Deficiency

SCURVY

Vitamin A Deficiency

Vitamin B Deficiency

BERIBERI

CHOLINE DEFICIENCY

FOLIC ACID DEFICIENCY

PELLAGRA

PYRIDOXINE DEFICIENCY

RIBOFLAVIN DEFICIENCY

THIAMINE DEFICIENCY

VITAMIN B₁₂ DEFICIENCY

WERNICKE'S ENCEPHALOPATHY

Vitamin D Deficiency

RICKETS

Vitamin E Deficiency

Vitamin K Deficiency

METABOLIC DISEASES

Achlorhydria

Acid-Base Imbalance

ACIDOSIS

ACIDOSIS, RENAL TUBULAR

ALKALOSIS

Calcium Metabolism Disorders

CALCINOSIS

CALCIPHYLAXIS

DECALCIFICATION,

PATHOLOGIC

MILK-ALKALI SYNDROME

PSEUDOHYPOPARATHYROID-

ISM

RICKETS, RENAL

TETANY

Glycosuria

GLYCOSURIA, RENAL

Hyperglycemia**Hyperlipemia**

HYPERCHOLESTEREMIA

Hypoglycemia

INSULIN COMA

Malabsorption Syndromes

BLIND LOOP SYNDROME

CELIAC DISEASE

LIPODYSTROPHY, INTESTINAL
SPRUE

SPRUE, TROPICAL

Phosphorus Metabolism Disorders**Protein-Losing Enteropathies****Water-Electrolyte Imbalance**

DEHYDRATION

HYPERCALCEMIA

HYPERKALEMIA

HYPERNATREMIA

HYPOCALCEMIA

HYPOKALEMIA

HYPONATREMIA

WATER INTOXICATION

Metabolism, Inborn ErrorsAMINO ACID METABOLISM,
INBORN ERRORS

Alkaptonuria

Ochronosis

Phenylketonuria

AMYLOIDOSIS

CARBOHYDRATE METABOLISM,
INBORN ERRORS

Galactosemia

Glycogenosis

ENZYME DEFECTS

Glucosephosphatase Deficiency

GPD Deficiency

Hypophosphatasia

Lactose Intolerance

HYPERBILIRUBINEMIA,
HEREDITARY

JAUNDICE, CHRONIC

IDIOPATHIC

LIPID METABOLISM, INBORN
ERRORS

Abetalipoproteinemia

Gaucher's Disease

Hyperlipoproteinemia, Type I

Hyperlipoproteinemia, Type II

Hyperlipoproteinemia, Type III

Hyperlipoproteinemia, Type IV

Hyperlipoproteinemia, Type V

Hypolipoproteinemia

Lipoidosis

Niemann-Pick Disease

Refsum's Syndrome

METAL METABOLISM, INBORN
ERRORS

Hemochromatosis

Hypoceruloplasminemia

Wilson's Disease

Paralysis, Familial Periodic

PURINE-PYRIMIDINE METABO-
LISM, INBORN ERRORSRENAL TUBULAR TRANSPORT,
INBORN ERRORS

Aminoaciduria, Renal

Cystinosis

Cystinuria

Fanconi Syndrome

Homocystinuria

Hypophosphatemia, Familial

NUTRITION DISORDERS**Deficiency Diseases**

CALCIUM DEFICIENCY

COPPER DEFICIENCY

KWASHIORKOR

MAGNESIUM DEFICIENCY

POTASSIUM DEFICIENCY

PROTEIN DEFICIENCY

Infant Nutrition Disorders**Obesity****Starvation**

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Injury, Poisoning, and Immunologic Diseases

IMMUNOLOGIC DISEASES**Autoimmune Diseases**

ENCEPHALOMYELITIS,

ALLERGIC

Blood Group Incompatibility**Homologous Wasting Disease****Hypersensitivity**

DRUG HYPERSENSITIVITY

FOOD HYPERSENSITIVITY

SHWARTZMAN PHENOMENON

WISSLER'S SYNDROME

Hypersensitivity, Delayed**Hypersensitivity, Immediate**

ANAPHYLAXIS

ASTHMA

DERMATITIS, ATOPIC

HAY FEVER

RESPIRATORY

HYPERSENSITIVITY

SERUM SICKNESS

Immunologic Deficiency**Syndromes**

CHEDIAK-HIGASHI DISEASES

OCCUPATIONAL DISEASES**POISONING****Abnormalities, Drug-Induced****Alcoholic Intoxication**

ALCOHOLSIM

KORSAKOFF'S SYNDROME

PSYCHOSES, ALCOHOLIC

Bites and Stings

ARACHNIDISM

INSECT BITES AND STINGS

SNAKE BITES

TICK TOXICOSES

Carbon Tetrachloride Poisoning**Dermatitis Medicamentosa**

EPIDERMAL NECROLYSIS,

TOXIC

Drug Toxicology**Fluoride Poisoning****Food Poisoning**

BOTULISM

CLOSTRIDIAL FOOD

POISONING

SALMONELLA FOOD

POISONING

STAPHYLOCOCCAL FOOD

POISONING

Gas Poisoning

CARBON MONOXIDE

POISONING

Lead Poisoning**Mercury Poisoning****Pesticide Poisoning****Plant Poisoning**

ERGOTISM

FAVISM

LATHYRISM

Psychoses, Toxic

WOUNDS AND INJURIES**Abdominal Injuries**

DIAPHRAGMATIC HERNIA,

TRAUMATIC

Acoustic Trauma**Amputation, Nonsurgical****Arm Injuries**

FOREARM INJURIES

WRIST INJURIES

Asphyxia

Blast Injury

Brain Injury, Acute

BRAIN CONCUSSION

PSYCHOSES, TRAUMATIC

Burns

BURNS, CHEMICAL

BURNS, INHALATION

SUNBURN

Cold Exhaustion

Contusions

Dislocations

HIP DISLOCATION

SHOULDER DISLOCATION

Electric Injury

BURNS, ELECTRIC

Esophageal Perforation

Eye Injuries

EYE BURNS

Foreign Bodies

BEZOARS

EYE FOREIGN BODIES

Fractures

FEMORAL FRACTURES

FEMORAL NECK FRACTURES

FRACTURES, SPONTANEOUS

FRACTURES, UNUNITED

HUMERAL FRACTURES

JAW FRACTURES

MANDIBULAR FRACTURES

MAXILLARY FRACTURES

PSEUDARTHROSIS

RADIUS FRACTURES

SHOULDER FRACTURES

SKULL FRACTURES

TIBIAL FRACTURES

TOOTH FRACTURES

Frostbite

Hand Injuries

FINGER INJURIES

Head Injuries

PNEUMOCEPHALUS

Heat Exhaustion

SUNSTROKE

Leg Injuries

Maxillofacial Injuries

FACIAL INJURIES

MANDIBULAR INJURIES

Neuroses, Post-Traumatic

Radiation Injury

OSTEORADIONECCROSIS

RADIATION INJURY,

EXPERIMENTAL

RADIODERMATITIS

Rupture

Self-Mutiliation

Spinal Cord Injuries

Spinal Injuries

WHIPLASH INJURY

Sprains and Strains

Tendon Injury

Thoracic Injuries

HEART INJURIES

RIB FRACTURES

Wound Infection

Wound, Gunshot

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Neonatal Diseases and Abnormalities

ABNORMALITIES

Situs Inversus

KARTAGENER TRIAD

ABNORMALITIES, EXTREMITIES

ABNORMALITIES, FACIAL

ABNORMALITIES, MULTIPLE

Araclinodactyly

Bonnevie-Ullrich Syndrome

Ectodermal Defect, Congenital

ECTODERMAL DYSPLASIA

ELLIS-VAN CREVELD SYNDROME

Nail-Patella Syndrome

Status Dysraphicus

ARTERIOVENOUS MALFORMATIONS

BLUE-SAC DISEASE (FISH)

CHROMOSOME

ABNORMALITIES

Autosome Abnormalities

Sex Chromosome Abnormalities

DERMAL SINUS, CONGENITAL

DIGESTIVE SYSTEM

ABNORMALITIES

Anus, Imperforate

Diaphragmatic Eventration

Esophageal Atresia

Intestinal Atresia

Megacolon

Mouth Abnormalities

CLEFT LIP

FIBROMATOSIS GINGIVAE

MACROSTOMIA

Tooth Abnormalities

AMELOGENESIS IMPERFECTA

ANODONTIA

DENTAL ENAMEL HYPOPLASIA

DENTIN DYSPLASIA

DENTINOGENESIS IMPERFECTA

HUTCHINSON'S TEETH

MOTTLED ENAMEL

ODONTOGENESIS IMPERFECTA

TOOTH, SUPERNUMERARY

EYE ABNORMALITIES

Anophthalmos

Coloboma

Microphthalmos

HEART DEFECTS, CONGENITAL

Aortic Coarctation

Coronary Vessel Anomalies

Dextrocardia

Ductus Arteriosus, Patent

Ebstein's Anomaly

Eisenmenger Complex

Heart Septal Defects

HEART SEPTAL DEFECTS,
ATRIAL

HEART SEPTAL DEFECTS,
VENTRICULAR

Tetralogy of Fallot

Transposition of Great Vessels

HEREDITARY DISEASES

Waardenburg's Syndrome

INFANT, NEWBORN, DISEASES

Asphyxia Neonatorum
Birth Injury
Bronchopulmonary Sequestration
Cystic Fibrosis
Cytomegalic Inclusion Disease
Hemorrhagic Disease of Newborn
Jaundice, Neonatal
Ophthalmia Neonatorum
Poikiloderma Congenitale
Sclerema Neonatorum
Syphilis, Congenital
Toxoplasmosis, Congenital

MONSTERS

Anencephalus
Twins, Conjoined

MUSCULOSKELETAL

ABNORMALITIES
Cleidocranial Dysostosis
Craniofacial Dysostosis
HALLERMANN'S SYNDROME
MANDIBULOFACIAL
DYSOSTOSIS
Ectromelia
Funnel Chest
Hip Dislocation, Congenital
Jaw Abnormalities

CLEFT PALATE
MICROGNATHISM
PIERRE ROBIN SYNDROME
PROGNATHISM
RETROGNATHISM
Klippel-Feil Syndrome
Microcephaly
Platybasia
Spina Bifida
Spondylolisthesis
Synostosis, Pathologic
ACROCEPHALOSYNDACTYLIA
CRANIOSYNOSTOSES
SYNDACTYLIA

NERVOUS SYSTEM

ABNORMALITIES
Analgesia, Congenital
Arnold-Chiari Deformity
Encephalocele
Hydranencephaly
Meningocele

UROGENITAL

ABNORMALITIES
Bladder Exstrophy
Cryptorchism
Epispadias
Hypospadias

C16

Disease Signs, Symptoms, and General Pathology

ADHESIONS

CALCULI

ASCITES

COLLAGEN DISEASES

COMPLICATIONS

Postoperative Complications

SURGICAL WOUND DEHISCENCE

SURGICAL WOUND INFECTION

DISEASE

Acute Disease

Chronic Disease

Convalescence

Diseases in Twins

Disease Models, Animal

Emergencies

Iatrogenic Disease

DISEASES OF BODY REGIONS

Abdomen, Acute

Facial Hemiatrophy

Foot Diseases

CLUBFOOT

FLATFOOT

HALLUX VALGUS

IMMERSION FOOT

TINEA PEDIS

TRENCH FOOT

Mediastinal Diseases

MEDIASTINAL EMPHYSEMA

MEDIASTITIS

Retroperitoneal Fibrosis

Thoracic Diseases

DIVERTICULOSIS

EDEMA

EMPHYSEMA

FISTULA

HEMOSIDEROSIS

GRANULOMA

Granuloma, Reparative Giant Cell

Malacoplakia

Sarcoidosis

Wegener's Granulomatosis

GROWTH DISORDERS

HEMORRHAGE

Cerebral Hemorrhage

HEMATOMA, EPIDURAL

HEMATOMA, SUBDURAL

SUBARACHNOID HEMORRHAGE

Ecchymosis

Epistaxis

Hematocele

Hematoma

Hematuria

Hemoperitoneum

Hemoptysis

Hemorrhage, Gastrointestinal

HEMATEMESIS

MELENA

PEPTIC ULCER HEMORRHAGE

Hemorrhage, Oral

Hemothorax

HEMOPNEUMOTHORAX

Hyphema

Retinal Hemorrhage

Uterine Hemorrhage

HEMORRHAGE, POSTPARTUM

PATHOLOGIC PROCESSES

Aplasia

Atrophy

Autolysis

Constriction

Dilatation

Dysplasia

Gliosis

Hyperplasia

Hypertrophy

Hypertrophy and Hyperplasia

Hypoplasia

Inflammation

ABCESS
SUPPURATION

Metaplasia

Mineralization, Pathologic

Necrosis

GANGRENE
INFARCTION
ONCOLYSIS

Ossification, Pathologic

Sclerosis

Ulcer

PERIODIC DISEASE

RUPTURE, SPONTANEOUS

SEROSITIS

SIGNS AND SYMPTOMS

Anoxia
Aphonia
Appetite Disorders

PICA

Asthenia

Cachexia

Chvostek's Sign

Crying

Cyanosis

Emaciation

Fatigue

Fever

Hypothermia

Jaundice

HYPERBILIRUBINEMIA

Pain

COLIC

EARACHE

HEADACHE

MIGRAINE

TOOTHACHE

Pallor

Shock

SHOCK, ENDOTOXIC
SHOCK, HEMORRHAGIC
SHOCK, SURGICAL
SHOCK, TOXIC
SHOCK, TRAUMATIC
Syncope

**SIGNS AND SYMPTOMS,
DIGESTIVE**

Aerophagy
HYPERPHAGIA
HYPOPHAGIA

ANOREXIA

Dyspepsia

Ercutation

Flatulence

Halitosis

Heartburn

Hiccup

Nausea

Vomiting

**SIGNS AND SYMPTOMS,
RESPIRATORY**

Anoxemia

Apnea

Cheyne-Stokes Respiration

Cough

Dyspnea

DYSPNEA, PAROXYSMAL

Hoarseness

Hypercapnia

Hyperventilation

Hypoventilation

TORSION

D

BIOLOGICAL ACTION DUE TO DRUGS

ALLERGENIC AGENTS

ANTIDIABETIC AGENTS

ANTIDIURETICS

ANTIFUNGAL AGENTS

ANTI-INFECTIVE AGENTS

Anthelmintics

ANTINEMATODAL AGENTS

ANTICESTODAL AGENTS

ANTITREMATODAL AGENTS

Antibiotics

ANTIBIOTICS, ANTIFUNGAL

ANTIBIOTICS, ANTINEO- PLASTIC

ANTIBIOTICS, BROAD SPECTRUM

ANTIBIOTICS, NARROW SPECTRUM

Anti-Infective Agents, Local

ANTISEPTICS

Anti-Infective Agents, Urinary

Antilipemic Agents

ANTICHOLESTEREMIC AGENTS

Antimetabolites

ANTIMETABOLITES,

ANTINEOPLASTIC

Antineoplastic Agents

Antiprotozoal Agents

AMEBICIDES

ANTICOCCIDIAL AGENTS

ANTIMALARIAL AGENTS

Antitrichomonal Agents

Antitubercular Agents

ANTIVIRAL AGENTS

AUTONOMIC AGENTS

Antihypertensive Agents

VASODILATOR AGENTS

Autonomic Drugs

ANTICHOLINESTERASE

ANTIHISTAMINE

BRONCHODILATOR AGENTS

CHOLINESTERASE INHIBITORS

CURARE-LIKE AGENTS

CYCLOPLEGICS

GANGLIONIC BLOCKADERS

MIOTICS

MUSCLE RELAXANTS, CENTRAL

MYDRIATICS

NEUROMUSCULAR

DEPOLARIZING AGENTS

PARASYMPATHOLYTICS

PARASYMPATHOMIMETICS
 SYMPATHOLYTICS
 SYMPATHOMIMETICS
 Vasoconstrictor Agents

CHEMOSTERILANTS

CNS AGENTS

Analeptics
 Analgesics and Antipyretics

ANALGESICS, ANTI-
 INFLAMMATORY

ANALGESICS, NARCOTIC
 Anesthetics

ANESTHETICS, LOCAL

Anorectic

Anticonvulsants

Antidepressive Agents

Antiemetics

Antihistaminics

Antitussive Agents

Ataractic

CNS Depressant

CNS Stimulant

Emetics

Hallucinogens

Hypnotics and Sedatives

Narcotic Antagonists

Psychotropic

Tranquilizing Agents

DIABETOGENIC AGENTS

DISINFECTANTS

DIURETICS

ENZYMES

Coenzymes

Enzyme Precursors

Hydrolases

AMIDOHYDROLASES

AMINOHYDROLASES

ESTERASES

GLYCOSIDE HYDROLASES

PEPTIDE HYDROLASES

PHOSPHATASES

Isoenzymes

Lyases

Oxidoreductases

Transferases

EUTHANASIA

GASTROINTESTINAL AGENTS

Antacids

Antemetics

Antidiarrheal Agents

Antispasmodics

Cathartics

Cholagogues and Cholaretics

Digestants

GROWTH SUBSTANCES

HEMATOLOGIC AGENTS

Anticoagulant Antagonists

Anticoagulants

Antifibrinolytic Agents

Antiheparin Agents

Antithrombin

Blood Coagulation Factors

Coagulants

Fibrinolytic Agents

Hematopoietic Agents

Hemostatics

HORMONES

Adrenal Cortex Hormones

GLUCOCORTICOIDS

Glucocorticoids, Topical

MINERALOCORTICOIDS

Androgens

ANABOLIC STEROIDS

HORMONES (Continued)

Contraceptives

Estrogen Antagonists

Estrogens

Gastrointestinal Hormones

Gonadotrophins

GONADOTROPHINS,

PITUITARY

Hormones, Ectopic

Hypoglycemic Agents

Invertebrate Hormones

Oxytocics

Pancreatic Hormones

Parathyroid Hormones

Pituitary Hormones

PITUITARY HORMONE

RELEASING FACTORS

PITUITARY HORMONES,

ANTERIOR

PITUITARY HORMONES,

POSTERIOR

Placental Hormones

Progestational Hormones

Sex Hormones

Thyroid Antagonists

Thyroid Hormones

IMMUNOLOGIC AGENTS

Carcinogenic Agents

Carcinostatic Agents

Immunogenic Agents

Immunosuppressive Agents

Vaccine

MYOCARDIAL DEPRESSANTS

NEUROHUMORS

PESTICIDES

PLASMA SUBSTITUTES

RODENTICIDES

SKIN AND MUCOUS

MEMBRANE DRUG ACTION

TISSUE METABOLISM DRUG

ACTION

URICOSURIC AGENTS

E

ANALYTICAL, DIAGNOSTIC, AND THERAPEUTIC TECHNICS AND EQUIPMENT

E1

Diagnostic Technics and Equipment

BRAIN DIAGNOSTIC TECHNICS

Echoencephalography
Electroencephalography
Palencephalography

DIAGNOSIS, CLINICAL TESTS

Blood Circulation Time
Blood Flow Velocity
Blood Volume Determination
Capillary Fragility
Capillary Resistance
Fat Tolerance Test
Glucose Tolerance Test
Heart Function Tests
BALLISTOCARDIOGRAPHY
ECHOCARDIOGRAPHY
ELECTROCARDIOGRAPHY
ELECTROKYMOGRAPHY
ELECTROSPHYGMOGRAPHY
EXERCISE TEST
HEART CATHETERIZATION
KINETOCARDIOGRAPHY

PHONOCARDIOGRAPHY
POLARCARDIOGRAPHY
VECTORCARDIOGRAPHY
Hypersensitivity Tests
FALSE POSITIVE REACTION
TUBERCULIN TEST
Indicator Dilution Technics
ASCORBATE DILUTION TECHNIC
DYE DILUTION TECHNIC
RADIOISOTOPE DILUTION TECHNIC
Insulin Tolerance Test
Kidney Function Tests
GLOMERULAR FILTRATION RATE
RADIOISOTOPE RENOGRAPHY
RENAL CLEARANCE TESTS
Kymography
Liver Function Tests
JIRGL TEST
Metabolic Clearance Test
Pituitary-Adrenal Function Tests
Pituitary Gland Function Tests
Plethysmography

DIAGNOSIS, CLINICAL TESTS

(Continued)

Plethysmography (Continued)

PLETHYSMOGRAPHY,
IMPEDANCE

Punctures

ARTHROCENTESIS
SPINAL PUNCTURE

Respiratory Function Tests

BLOOD GAS ANALYSIS
BRONCHOSPIROMETRY
LUNG COMPLIANCE
OXIMETRY
SPIROMETRY
VENTILATION-PERFUSION
RATIO

Secretory Rate Test

Thyroid Gland Function Tests

BASAL METABOLISM TEST
PROTEIN-BOUND IODINE TEST

Vestibular Function Tests

DIAGNOSIS, DIFFERENTIAL

DIAGNOSIS, LABORATORY

Blood Chemical Analysis

BLOOD AMINES
BLOOD BILIRUBIN
BLOOD CREATININE
BLOOD ELECTROLYTES
Blood Bicarbonate

Blood Calcium

Blood Chloride

Blood Phosphate

Blood Potassium

Blood Sodium

BLOOD GLUCOSE

BLOOD LIPIDS

BLOOD PROTEIN

ELECTROPHORESIS

BLOOD UREA NITROGEN

SERUM ESTERASE

SERUM LACTIC

DEHYDROGENASE

SERUM PHOSPHATASE

SERUM TRANSAMINASE

SERUM PROTEIN

SERUM URIC ACID

Cytodiagnosis

CYTOGENETIC TECHNIQUES

VAGINAL AND CERVICAL
SMEARS

Ectoparasite Examination

Endoparasite Examination

FLOTATION TECHNIC
MICROFILARIA TESTS
SEDIMENTATION TECHNIC

Enzyme Tests

Fecal Examination

Gastric Acidity Determination

Hematologic Tests

BLOOD CELL COUNT
Blood Cell Counting Equipment
Erythrocyte Count
LE Cells

Leukocyte Count

Platelet Count

Reticulocyte Count

BLOOD SEDIMENTATION

BONE MARROW EXAMINATION

HEMATOCRIT

HEMOGLOBINOMETRY

OSMOTIC FRAGILITY

Mastitis Tests

Occult Blood

Pregnancy Tests

Sex Determination

Specimen Collection and Handling

BIOPSY

BLOOD SPECIMEN COLLECTION

INTUBATION,

GASTROINTESTINAL

SEMEN COLLECTION

URINE SPECIMEN COLLECTION

Urinalysis

FIGLU TEST

DIAGNOSIS, MICROBIOLOGICAL

Agglutination Tests

Diagnosis, Bacterial

Diagnosis, Fungal

Diagnosis, Protozoal

Diagnosis, Viral

CPE

ENDOSCOPY

Bronchoscopy

Colposcopy

Culdoscopy

Cystoscopy

Esophagoscopy

Gastrosopy

Laryngoscopy

Peritoneoscopy

Proctoscopy

Sigmoidoscopy

Thoracoscopy

EYE DIAGNOSIS

Electroretinography

Eye Movement Measurements

ELECTROOCULOGRAPHY

Gonioscopy

Ophthalmodynamometry

Ophthalmoscopy

Tonometry

Vision Tests

COLOR PERCEPTION TESTS

FLICKER FUSION

REFRACTION, OCULAR

VISUAL FIELD TESTS

Perimetry

GALVANIC SKIN RESPONSE

HEARING TESTS

Audiometry

MASS SCREENING

Mass Screening, Animal Populations

Multiphasic Screening

MEDICAL HISTORY TAKING

• **MONITORING SYSTEMS**

MYOGRAPHY

Electromyography

PHYSICAL EXAMINATION

Age Determination

AGE DETERMINATION BY LENS

AGE DETERMINATION BY
SKELETON

AGE DETERMINATION BY
TEETH

AGE DETERMINATION BY
WEIGHT

Animal Body Dimensions

ALLOMETRY

BODY SURFACE AREA

BODY WEIGHT MEASUREMENT

CEPHALOMETRY

LINEAR DIMENSIONS OF BODY

OSTEOMETRY

Craniometry

Auscultation

HEART AUSCULTATION

Blood Pressure Determination

Facial Expression

Neurologic Examination

REFLEX TEST

Palpation

Percussion

Pregnancy Examinations, Animal

Rectal Examination

PROGNOSIS

PSYCHOLOGICAL TESTS

Intelligence Tests

Semantic Differential

RADIOGRAPHY

Angiography

ANGIOCARDIOGRAPHY

AORTOGRAPHY

CINEANGIOGRAPHY

LYMPHOGRAPHY

PHLEBOGRAPHY

SPLENOPORTOGRAPHY

Cholangiography

Cholecystography

Cinefluorography

Fluoroscopy

Hysterosalpingography

Mammography

Microradiography

Neuroradiography

CEREBRAL ANGIOGRAPHY

MYELOGRAPHY

VENTRICULOGRAPHY

Pneumoperitoneum, Artificial

Radiography, Dental

Retropneumoperitoneum

Sialography

Technology, Radiologic

RADIOMETRY

Radiation Monitoring

SUBTRACTION TECHNIC

XERORADIOGRAPHY

Thoracic Radiography

BRONCHOGRAPHY

**PNEUMOMEDIASTINUM,
DIAGNOSTIC**

**PNEUMOTHORAX, ARTIFICIAL
Tomography**

Urography

RADIOISOTOPE DIAGNOSIS

Autofluoroscopy

Radioautography

Radioisotope Scanning

Schilling Test

SERODIAGNOSIS

Agglutination Tests

Complement Fixation Tests

Hemadsorption Inhibition Tests

Hemagglutination Inhibition Tests

Hemagglutination Tests

COOMBS' TEST

Latex Fixation Tests

Neutralization Tests

Precipitin Tests

GEL DIFFUSION TESTS

KAHN TEST

SLIDE FLOCCULATION TEST

THERMOGRAPHY

THERMOMETERS

TRANSILLUMINATION

E2

Preventive and Therapeutic Technics and Equipment

ABORTION, THERAPEUTIC**BIOLOGICAL THERAPY****Immunization**

IMMUNIZATION SCHEDULE

VACCINATION

BCG Vaccination

Oral Vaccination

Immunotherapy

SERTHERAPY

VACCINE THERAPY

Organotherapy**Tissue Therapy****BLOOD TRANSFUSION**

Autologous Transfusion

Heterologous Transfusion

Homologous Transfusion

BLOOD TRANSFUSION**TECHNICS**

Blood Transfusion, Intrauterine

Exchange Transfusion

Plasmapheresis

BLOODLETTING**CAUTERY**

Electrocoagulation

CHIROPRACTIC**CONTRACEPTION****CONTRACEPTIVE DEVICES**

Intrauterine Devices

COUNTERIRRITATION**CRYOTHERAPY**

Gastric Hypothermia

DIALYSIS

Hemodialysis

Peritoneal Dialysis

DIET THERAPY

Diabetic Diet

Diet, Reducing

Diet, Salt-Free

Fasting

DRUG ADMINISTRATION**Infusions**

INFUSIONS, INTRACEREBRAL

INFUSIONS, PARENTERAL

Injections

INJECTIONS, EPIDURAL

INJECTIONS, INTRA-ARTERIAL

INJECTIONS, INTRA-ARTICULAR

INJECTIONS, INTRADERMAL

INJECTIONS, INTRALYMPHATIC

INJECTIONS, INTRAMUSCULAR

INJECTIONS, INTRAPERITONEAL

INJECTIONS, INTRATHECAL

INJECTIONS, INTRAVENOUS

INJECTIONS, SUBCUTANEOUS

Iontophoresis**Isolation Perfusion****Perfusion****DRUG THERAPY**

Medication Errors

DRUG THERAPY (Continued)

Oral Medication
Prophylactic Medication
Self-Medication

Exercise Therapy

BREATHING EXERCISES
Hydrotherapy
Massage

ENEMA

FILOJECTION

FEEDING METHODS

Parenteral Feeding
Tube Feeding

PRENATAL CARE

PSYCHOTHERAPY

FEVER THERAPY

RADIOTHERAPY

Extracorporeal Irradiation
Pituitary Gland Irradiation
Radioisotope Teletherapy
Radiotherapy Dosage
Radiotherapy, High Energy
Ultraviolet Therapy

FIRST AID

HAIR REMOVAL

HYPERBARIC OXYGENATION

REHABILITATION

REJUVENATION

INHALATION THERAPY
Oxygen Inhalation Therapy

INSUFFLATION

RESPIRATION, ARTIFICIAL
Positive-Pressure Respiration
Respirators

IRRIGATION
Gastric Lavage

LABOR, INDUCED

RESUSCITATION
Heart Massage

ORTHOPTICS

SHOCK THERAPY
Shock Therapy, Electric
Shock Therapy, Insulin

OSTEOPATHY

PALLIATIVE TREATMENT

TERMINAL CARE

PHYSICAL THERAPY

Balneology
AMMOTHERAPY
BATHS
MUD THERAPY
Electrotherapy
DIATHERMY

THERAPEUTIC CULTS

THERAPEUTIC DEVICES

THERAPEUTIC EQUIPMENT
Bandages

OCCLUSIVE DRESSINGS

Splints

Tourniquets

THERAPEUTIC USES, COLD

THERAPEUTIC USES, HEAT

ULTRASONIC THERAPY

E3

Anesthetic Technics

ANALGESIA

Audioanalgesia

ANESTHESIA

Anesthesia, Conduction

ANESTHESIA, EPIDURAL

ANESTHESIA, LOCAL

ANESTHESIA, SPINAL

AUTONOMIC NERVE BLOCK

PERIPHERAL NERVE BLOCK

Anesthesia, Dental

HYPNOSIS, DENTAL

Anesthesia, General

ANESTHESIA, ENDOTRACHEAL

ANESTHESIA, INHALATION

ANESTHESIA, INTRA-

PERITONEAL

ANESTHESIA, INTRAVENOUS

ANESTHESIA, RECTAL

Anesthesia, Monitoring

Anesthesia, Obstetrical

Anesthesia, Preparation

PREANESTHETIC MEDICATION

Anesthesia, Topical

ANESTHESIA, REFRIGERATION

Anesthetic Equipment

ANESTHETIC GUNS

Hypnosis, Anesthetic

ELECTRONARCOSIS

EUTHANASIA, ANIMAL

HIBERNATION, INDUCED

HYPOTENSION, CONTROLLED

HYPOTHERMIA, INDUCED

NEUROLEPTOANALGESIA

NEUROMUSCULAR BLOCKADE

SEDATION

TRANQUILIZATION

E4

Surgical Technics and Equipment

AMPUTATION**ANTISEPSIS****ARTIFICIAL ORGANS**

Heart, Artificial

Kidney, Artificial

Pacemaker, Artificial

CATHETERIZATION**CHEMEXFOLIATION****CONSTRICTION, SURGICAL****DIAGNOSIS, SURGICAL****DILATATION, SURGICAL****DISSECTION****DRAINAGE****EXTRACORPOREAL****CIRCULATION**

Assisted Circulation

Cross Circulation

HEMOSTASIS**INTUBATION**

Intubation, Gastrointestinal

Intubation, Endotracheal

NEUROSURGERY

Cerebral Commissurotomy

Cerebral Decortication

Cerebral Hemispherectomy

Chordotomy

Craniectomy

Craniotomy

Denervation

MUSCLE DENERVATION**RHIZOTOMY****SYMPATHECTOMY****VAGOTOMY**

Hypophysectomy

Laminectomy

Nerve Crush

Neural Anastomosis

Neurectomy

Psychosurgery

Stereotaxic Technics

Tractotomy

ORTHOPEDECS

Arthrodesis

Arthroplasty

Cruciate Ligament Repair

Fracture Fixation

Manipulation, Orthopedic

Osteotomy

Spinal Fusion

Tenorrhaphy

Traction

POSTOPERATIVE CARE**PREOPERATIVE CARE**

PROSTHESIS

Artificial Limbs

Blood Vessel Prosthesis

Heart Valve Prosthesis

SURGERY, CARDIOVASCULAR

Electric Countershock

Heart Surgery

HEART ARREST, INDUCED

Vascular Surgery

ENDARTERECTOMY

PORTACAVAL ANASTOMOSIS

PORTACAVAL TRANSPOSITION

SURGERY, EXPERIMENTAL**SURGERY, GASTROINTESTINAL**

Appendectomy

Cholecystectomy

Enterostomy

COLOSTOMY

ILEOSTOMY

Esophagoplasty

Esophagostomy

Gastrectomy

Gastroenterostomy

Gastrostomy

Hepatectomy

Herniorrhaphy

Pancreatectomy

SURGERY, GYNECOLOGIC

Hysterectomy

Pelvic Exenteration

Sterilization, Surgical, Female

OVARIOHYSTERECTOMY

SURGERY, OBSTETRICAL

Cesarean Section

Embryotomy

Episiotomy

Extraction, Obstetrical

Labor Presentation

Natural Childbirth

Symphysiotomy

SURGERY, OCULAR

Blepharoplasty

Canthotomy

Cataract Extraction

ENZYMATIC ZONULOLYSIS

Photocoagulation

LASER COAGULATION

SURGERY, OPERATIVE

Adrenalectomy

Cryogenic Surgery

Curettage

Debridement

Dehiscence

Electrosurgery

Laparotomy

Lymph Node Excision

RADICAL NECK DISSECTION

Mastectomy

Splenectomy

Surgery, Minor

Thyroidectomy

SURGERY, ORAL**SURGERY, OTOLARYNGOLOGIC****SURGERY, PLASTIC**

Dermabrasion

Rhinoplasty

SURGERY, THORACIC

Collapse Therapy

PNEUMOTHORAX, ARTIFICIAL

Pneumonectomy

Pneumonolysis

Thoracoplasty

Thymectomy

Tracheotomy

SURGERY, UROLOGIC

Nephrectomy
 Prostatectomy
 Sterilization, Surgical, Male
 CASTRATION
 ORCHIECTOMY
 VASECTOMY
 Urinary Diversion
 CYSTOSTOMY

SURGICAL EQUIPMENT

Gloves, Surgical
 Heart-Lung Machine
 Heart, Mechanical
 Orthopedic Equipment
 BRACES
 CASTS, SURGICAL
 CRUTCHES
 SELF-HELP DEVICES
 SPLINTS
 Pessaries
 Prosthesis
 Surgical Instruments
 OBSTETRICAL FORCEPS

Surgical Mesh
 Surgical Staplers
 Sutures
 Syringes
 Tissue Adhesives
 Trusses

SURGICAL PREPARATION**SURGICALLY PREPARED
ANIMAL MODELS****SUTURE TECHNICS**

Surgical Stapling
 Suturing

TOURNIQUETS**TRANSPLANTATION**

Transplantation, Autologous
 Transplantation, Heterologous
 Transplantation, Homologous

TREPHINING**E5****Miscellaneous Technics, Methods,
and Equipment****ANALYTICAL METHODS**

Autoanalysis
 Chromatography
 Colorimetry
 Electrophoresis
 IMMUNOELECTROPHORESIS
 Fluorometry
 Gasometry
 Photometry

DENSITOMETRY
 FLAME PHOTOMETRY
 SPECTROPHOTOMETRY
 Polarography
 Potentiometry
 Titrimetric Methods
 Volumetric Methods

ANIMAL EXPERIMENTATION

ANTHROPOMETRY

Osteometry
Pelvimetry

**BEHAVIORAL APPARATUS AND
TECHNICS**

Activity Measures
Behavioral Taxonomies
Cue Presentation Devices
General Test Apparatus
Manipulanda
Mazes
Negative Reinforcement Devices
Reward Delivery Devices
Self-Stimulation Technics
Telestimulation Technics
Training Procedures

BIOLOGICAL ASSAY

BIOMETRY

BRAIN MAPPING

CENTRIFUGATION

Ultracentrifugation

CHAMBERS, EXPOSURE

Aerosol Chambers
Isolation Chambers

COMPUTER APPLICATIONS

DENSOGRAPHY, X-RAY

DERMATOGLYPHICS

DIET, EXPERIMENTAL

Diet, Atherogenic
Diet, Protein-Deficient
Diet, Vitamin-Deficient

ELECTRIC SHOCK

ELECTRIC STIMULATION

Electric Stimulation, Cardiac
Electric Stimulation, Neural

EPIDEMIOLOGIC METHODS

Follow-Up Studies
Population Studies
Prospective Studies
Retrospective Studies
Sampling Studies

EQUIPMENT AND SUPPLIES

Amplifiers
Catheters
Calorimeter
Disposal Equipment
Electrodes
Filters
Flow Meters
Infusion Apparatus
Lenses
Masks
Vision Occluders

EXPEDITIONS

EXPERIMENTAL DESIGN

GENETIC TECHNICS

Chromosome Mapping
Crosses, Genetic

ALLELISM TEST

**GENETIC COMPLEMENTATION
TEST**

Genetic Technics, Population
Karyometry
Karyotyping
Pedigree

HARDNESS TESTS

HISTOCOMPATIBILITY TESTS

HUMAN EXPERIMENTATION

IDENTIFICATION, INDIVIDUAL

IMMERSION

IMMUNOASSAY

Radioimmunoassay

INSTRUMENT IMPLANTATION

Catheter Implantation

Electrode Implantation

Flow Meter Implantation

Transmitter Implantation

MANOMETRY

MICROMETHODS

Microdissection

Microincineration

Microinjection

Micromanipulation

Ultramicromethods

MICROSCOPY

Microscopy, Electron

Microscopy, Fluorescence

Microscopy, Interference

Microscopy, Phase Contrast

Microscopy, Polarization

Microscopy, X-Ray

NECROPSY

Dissection

Perfusion Apparatus

NEOPLASM TRANSPLANTATION

ORGAN WEIGHT

ORGANOLEPTIC TECHNICS

OSCILLOMETRY

PHARMACY

Prescriptions

Technology, Pharmaceutical

PHOTOGRAPHY

Photomicrography

PHYSIOGNOMY

PRESERVATION, BIOLOGICAL

Blood Preservation

Freeze Drying

Organ Storage Technics

Refrigeration

Tissue Preservation

RECORDING

Tape Recording

Telemetry

SENTINEL ANIMAL TECHNICS

SOCIOMETRIC TECHNICS

STEREOTAXIC EQUIPMENT

Stereotaxic Atlases

**STERILIZATION,
REPRODUCTIVE,
NONSURGICAL**

TATTOOING

TECHNOLOGY, MEDICAL

Histological Technics

DECALCIFICATION TECHNIC

MICROTOMY

Microbiological Technics

ANIMAL INOCULATION

BACTERIOPHAGE TYPING
 EGG INOCULATION
 MEDIA PREPARATION AND
 TECHNIQS
Stains and Staining
 FLUORESCENT ANTIBODY
 TECHNIQS
 VITAL STAINING

Tissue Culture
 HELA CELLS
 L CELLS
Virus Cultivation

URINARY CATHETERIZATION

WINDOW TECHNIC

E6 Dentistry

DENTISTRY

Anesthesia, Dental
 Dental Enamel Solubility
 Dental Equipment
 Dentistry, Operative
 Diagnosis, Oral
 DENTAL PULP TEST
 SALIVA ANALYSIS
 DMF Index
 Electrogalvanism
 Endodontics
 DENTAL PULP EXPOSURE
 PULPECTOMY
 PULPOTOMY
 ROOT CANAL THERAPY
 Aesthetics, Dental
 Mouth Rehabilitation
 Orthodontics
 DENTAL IMPRESSION TECHNIC
 DENTAL MODELS
 ORTHODONTIC APPLIANCES
 ORTHODONTICS, CORRECTIVE
 ORTHODONTICS, PREVENTIVE

Pedodontics

Periodontics
 DENTAL PROPHYLAXIS
 PERIODONTAL INDEX
 PERIODONTAL PROSTHESIS
Prosthodontics
 MANDIBULAR PROSTHESIS
 MAXILLOFACIAL PROSTHESIS
 MOUTH PROTECTORS
 TISSUE CONDITIONING
Surgery, Oral
 ALVEOLECTOMY
 ALVEOLOPLASTY
 APICOECTOMY
 DENTAL DEBRIDEMENT
 DENTAL IMPLANTATION
 GINGIVECTOMY
 GINGIVOPLASTY
 GLOSSECTOMY
 SUBGINGIVAL CURETTAGE
 TOOTH EXTRACTION
 TOOTH REIMPLANTATION
 VESTIBULOPLASTY
Technology, Dental

F

PSYCHIATRY AND PSYCHOLOGY

ANIMAL BEHAVIOR

Anthropomorphism

Individual Behavior Patterns

ACTIVITY

Activity Period

Hibernation

Locomotion

Sleep Behavior

Thermo-Activity Range

Nest Building

COMFORT BEHAVIOR

Grooming

Preening

DISPLACEMENT ACTIVITY

Allochthonous Reaction

Autochthonous Activity

Death Feigning

Overflow Activity

Redirection Activity

ELIMINATIVE BEHAVIOR

INGESTIVE BEHAVIOR

Drinking

Eating Behavior

INNATE BEHAVIOR OR INSTINCT

Appetitive Behavior

Behavioral Trait

Consummatory Act

Endogenous Movements

Energy Accumulation Activity

Fixed Action Pattern

Innate Releasing Mechanism

INTENTION MOVEMENTS

INTERNAL CONTROL

MECHANISMS

Endocrines

Endoreceptive Mechanisms

Integrative Networks

Perceptual Systems

INVESTIGATIVE BEHAVIOR

LEARNING

Aversive Stimulus

Avoidance Learning

Backward Learning

Chaining

Classical Conditioning

Conditioning

Critical Period

Delayed Response

Discrimination

Electroshock

Empathic Learning

Exploratory

Extinction

Generalization

Habituation

Imprinting

Inhibition

Insight Learning

Latency
 Latent Learning
 Learning Set
 Maze Learning
 Negative Reinforcement
 Operant Conditioning
 Partial Reinforcement
 Primary Socialization
 Primary Stimulus
 Probability Learning
 Reinforcement Schedule
 Secondary Reinforcement
 Secondary Stimulus
 Taming
 Trial and Error
MOTIVATION
 Drive
 Emotionality
 Mood
 Satiation
ONTOGENY OF BEHAVIOR
ORIENTATION
 Kinesis
 Taxis
 Transverse Orientation
Social Behavior
AGONISTIC BEHAVIOR
 Aggression
 Amicable Behavior
 Appeasement
 Competition
 Dominance Hierarchy
 Dominance Subordination
 Escape Reaction
 Fighting
 Stress
ALLELOMIMETIC BEHAVIOR
 Leadership
 Mimicry
 Social Facilitation
ANIMAL COMMUNICATION
 Acoustics
 Audible Area

Codes
 Context
 Etepimeletic Behavior
 Kenesics
 Phatic Communion
 Pheronome
 Releaser
 Ritualization
 Vocalizations
 Zoosemiotics
EPIMELETIC BEHAVIOR
 Diversionary Display
 Trophallaxis
SEXUAL BEHAVIOR
 Coitus
 Courtship
 Mating
SOCIAL ORGANIZATION
 Aggregation
 Closed Society
 Coterie
 Maternal Deprivation
 Social Inertia
SPATIAL BEHAVIOR
 Activity Range
 Contactual Behavior
 Crowding
 Environmental Effects
 Flight Distance
 Home Range
 Individual Distance
 Migration
 Territoriality
Zoomorphism

**ANTHROPOLOGY AND
 SOCIOLOGY**

LINGUISTICS

PSYCHIATRY

PSYCHOLOGY

G

BIOLOGICAL SCIENCES

G1

Biological Sciences and Biological Phenomena

ADAPTATION, BIOLOGICAL

Adaptation, Physiological

ACCLIMATIZATION

ESTIVATION

HIBERNATION

AGE GROUPS

Adolescence

Adult

Aged

Child

CHILD, PRESCHOOL

Immature Animals

JUVENILE ANIMALS

WEANLING ANIMALS

Infant

INFANT, NEWBORN

INFANT, PREMATURE

NEWBORN ANIMALS

SUCKLING ANIMALS

Middle Age

AGING

Longevity

ANATOMY

Anatomy, Artistic

Anatomy, Comparative

Anatomy, Regional

Cytology

Embryology

Histology

HISTOLOGY, COMPARATIVE

BIOCHEMICAL PHENOMENA

Acid-Base Equilibrium

BUFFERS

Amino Acid Sequence

Binding Sites

Body Composition

Brain Enzymology

Calcification, Physiologic

CALCIFICATION

TOOTH CALCIFICATION

Enzyme Induction

Enzyme Repression
 Fermentation
 Nucleic Acid Denaturation
 Protein Binding
 Protein Denaturation

BIOGENESIS

BIOLOGICAL CLOCKS

Circadian Rhythm
 Photoperiodicity

BIOLOGY

Biochemistry

BRAIN CHEMISTRY
 HISTOCHEMISTRY
 IMMUNOCHEMISTRY
 NEUROCHEMISTRY

Biophysics

BIOMECHANICS

BIONICS

ENERGY TRANSFER

Botany

PHARMACOGNOSY

Ecology

Laboratory Animal Husbandry

ANIMAL BREEDING
 ANIMAL RECORD SYSTEMS
 ANIMAL CAGING
 ANIMAL FEEDING
 ANIMAL RESTRAINT
 SANITATION

Marine Biology

Microbiology

AIR MICROBIOLOGY
 BACTERIOLOGY
 FOOD MICROBIOLOGY
 MYCOLOGY
 SOIL MICROBIOLOGY
 VIROLOGY
 WATER MICROBIOLOGY

Parasitology

Pathology

PATHOLOGY, COMPARATIVE

Pharmacology

PHARMACOLOGY, COMPARATIVE
 PSYCHOPHARMACOLOGY
 TOXICOLOGY

Physiology

ELECTROPHYSIOLOGY
 Action Potentials
 Electric Conductivity
 Evoked Potentials
 Membrane Potentials
 ENDOCRINOLOGY
 NEUROPHYSIOLOGY
 PHYSIOLOGY, COMPARATIVE
 PSYCHOPHYSIOLOGY

Radiobiology

Zoology

ENTOMOLOGY

BLOOD PHYSIOLOGY

Blood Coagulation

Blood Groups

LEWIS BLOOD-GROUP SYSTEM

Erythrocyte Aging

Fibrinolysis

Hematopoiesis

ERYTHROPOIESIS

BODY COMPARTMENT

Fluid Compartments

BODY CONSTITUTION

Diathesis

Somatotypes

BODY TEMPERATURE

Body Temperature Regulation

SHIVERING
 SWEATING

**CARDIOVASCULAR SYSTEM
PHYSIOLOGY**

Blood Circulation

CEREBROVASCULAR CIRCULATION

COLLATERAL CIRCULATION

LIVER CIRCULATION

MICROCIRCULATION

PULMONARY CIRCULATION

Capillary Permeability

Hemodynamics

BLOOD PRESSURE

BLOOD VISCOSITY

BLOOD VOLUME

CAPILLARY RESISTANCE

CARDIAC OUTPUT

HEART RATE

PLASMA VOLUME

PULSE

REGIONAL BLOOD FLOW

VASCULAR RESISTANCE

CELL PHYSIOLOGY

Cell Aggregation

Cell Membrane Permeability

Cell Structure

Chemotaxis

Cytoplasmic Streaming

Phagocytosis

Pinocytosis

Secretion

CYTOGENETICS

Cell Division

MEIOSIS

MITOSIS

Chromosome Aberrations

ANEUPLOIDY

MOSAICISM

TRISOMY

Crossing Over

Ploidies

DIPLOIDY

HAPLOIDY

POLYPLOIDY

**DIGESTIVE SYSTEM
PHYSIOLOGY**

Appetite Regulation

Coprophagy

PSEUDORUMINATION

Defecation

Deglutition

Digestion

Eating

Fluid Intake

Gastrointestinal Motility

Intestinal Absorption

Liver Cytology

Liver Enzymology

Liver Function

Mouth Physiology

DENTAL OCCLUSION

MASTICATION

TOOTH CALCIFICATION

TOOTH ERUPTION

TOOTH MIGRATION

TOOTH MOBILITY

TOOTH PERMEABILITY

TOOTH RESORPTION

Rumination

Salivation

DEATH

Cadaver

Death, Sudden

Drowning

Fetal Death

FETAL MUMMIFICATION

FETAL REABSORPTION

Suicide

ENDOCRINE PHYSIOLOGY

Climacteric

MENOPAUSE

Estrous Cycle

ESTRUS

POSTPARTUM ESTRUS

Menstruation

Pituitary-Adrenal System

Puberty

Secretory Rate, Endocrine

EVOLUTION

EYE PHYSIOLOGY

Accommodation, Ocular

Adaptation, Ocular

Eye Movements

FIXATION, OCULAR

Intraocular Pressure

Visual Fields

GENETICS

Breeding

Extrachromosomal Inheritance

Genes

ALLELES

GENES, DOMINANT

GENES, HISTOCOMPATIBILITY

GENES, LETHAL

GENES, RECESSIVE

GENES, REGULATOR

GENES, STRUCTURAL

Genetics, Behavioral

Genetics, Biochemical

DNA REPLICATION

GENES, REGULATORY

GENETIC CODE

TEMPLATES

Genetics, Human

CONSANGUINITY

EUGENICS

Genetics, Microbial

CONJUGATION, GENETIC

TRANSDUCTION, GENETIC

TRANSFORMATION, GENETIC

Genetics, Population

GENE FREQUENCY

INBREEDING

POLYMORPHISM

SELECTION

VARIATION

Genotype

HETEROZYGOTE

HOMOZYGOTE

Hybridization

Immunogenetics

ISOANTIBODIES

ISOANTIGENS

Mutation

Pharmacogenetics

Phenotype

Radiation Genetics

Recombination, Genetic

Sex Ratio

GROWTH AND EMBRYONIC

DEVELOPMENT

Body Height

Body Weight

BIRTH WEIGHT

OBESITY

THINNESS

Cell Differentiation

Cell Division

Growth

Metamorphosis, Biological

Odontogenesis

AMELOGENESIS

DENTINOGENESIS

HOMEOSTASIS

Acid-Base Equilibrium

BUFFERS

Feedback

Water-Electrolyte Balance

IMMUNOLOGY**Histocompatibility**

AUTO-IMMUNIZATION

BLOOD TRANSFUSION

Heterologous Transfusion

Homologous Transfusion

IMMUNOSUPPRESSION

ORGAN TRANSPLANTATION

Autograft

Heterograft

Homograft

TISSUE ANTIGENS

Organ Specificity

Species Specificity

Hypersensitivity

ALLERGENS

ANERGY

DELAYED HYPERSENSITIVITY

Tuberculin Sensitivity

DESENSITIZATION

HISTAMINE LIBERATION

IMMEDIATE HYPERSENSITIVITY

Anaphylaxis, Active

Anaphylaxis, Passive

Arthus Phenomenon

Immunity

ACTIVE IMMUNITY

Antibody Titers

BLOOD BACTERICIDAL

ACTIVITY

IMMUNOLOGIC COMPETENCE

OF NEWBORN

INNATE IMMUNITY

Nonspecific Immunity

Interferon Production

Phyletic Disease Resistance

ISOIMMUNITY

PASSIVE IMMUNITY

Immune Phenomena

ANTIBODY FORMATION

ANTIGEN-ANTIBODY REACTION

Agglutination

Hemagglutination

Hemolysis

Passive Cutaneous Anaphylaxis

IMMUNE TOLERANCE

IMMUNOGLOBULINS

IgA

IgG

IgM

RADIATION IMMUNOLOGY

Radiation Chimera

TRANSPLANTATION

IMMUNOLOGY

TUBERCULOSIS IMMUNITY

METABOLISM**Basal Metabolism****Biological Transport**

BIOLOGICAL TRANSPORT,

ACTIVE

Carbohydrate Metabolism

GLUCOSE METABOLISM

Electron Transport**Gluconeogenesis****Glycolysis****Krebs Cycle****Lipid Metabolism**

FATTY ACID METABOLISM

PHOSPHOLIPID METABOLISM

Metabolic Clearance Rate**Metabolic Detoxication****Mineral Metabolism**

CALCIUM METABOLISM

IRON METABOLISM

PHOSPHORUS METABOLISM

Oxidative Phosphorylation**Oxygen Consumption****Protein Metabolism**

AMINO ACID METABOLISM

Photosynthesis**Secretory Rate**

MICROBIOLOGIC PHENOMENA**Antibiosis****Bacteriolysis****Drug Resistance, Microbial****Gnotobiosis**

ISOLATORS, ANIMAL

MICROFAUNA

MICROFLORA

CESAREAN-DERIVED ANIMALS

SPECIFIC PATHOGEN-FREE

ANIMALS

Inclusion Bodies, Viral**Interspecific Interactions****Nitrogen Fixation****Symbiosis****Viral Interference****Virulence****Virus Replication****MODELS, ANIMAL DISEASE****MUSCULOSKELETAL SYSTEM****PHYSIOLOGY****Bone Development**

CALCIFICATION

CALCIFICATION, PHYSIOLOGIC

MAXILLOFACIAL DEVELOPMENT

OSSIFICATION

OSTEOGENESIS

Bone Regeneration**Bone Resorption****Exertion****Immobilization****Movement**

GAIT

MOTOR ACTIVITY

Muscle Contraction**Posture****NERVOUS SYSTEM PHYSIOLOGY****Arousal****Blood-Brain Barrier****Brain Physiology**

BRAIN ELECTROPHYSIOLOGY

Chronaxy**Dominance, Cerebral**

LATERALITY

Higher Nervous Activity**Hypothalamo-Hypophyseal****Relations****Intracranial Pressure****Nerve Degeneration****Neural Conduction****Neural Transmission**

NEUROHUMORAL

TRANSMISSION

Neurosecretion**Reflex****Reinforcement****Sensation**

BONE CONDUCTION

HEARING

KINESTHESIS

PAIN SENSE

SMELL

TASTE

TEMPERATURE SENSE

TOUCH

VISION

Sleep

SLEEP DEPRIVATION

Spreading Cortical Depression**Startle Reaction****Vvedenskii's Inhibition****Wakefulness****NUTRITION****Animal Nutrition****Infant Nutrition**

BREAST FEEDING

WEANING

PARABIOSIS

PHARMACOLOGIC PHENOMENA

Biotransformation
Depression, Chemical
Drug Interactions
DRUG ANTAGONISM
DRUG SYNERGISM
Drug Tolerance
Insecticide Resistance
Insulin Resistance
Penicillin Resistance
Receptors, Drug
Stimulation, Chemical
Tachyphylaxis

REPRODUCTION

Ejaculation
Fertility
Fertilization
Hatching
Insemination
INSEMINATION, ARTIFICIAL
Nidation
DELAYED NIDATION
Oviposition
Ovulation
Parthenogenesis
Pregnancy
LABOR
MATERNAL AGE
MATERNAL-FETAL EXCHANGE
PARITY
PREGNANCY, PROLONGED

PRENATAL INFLUENCES

Pregnancy, Multiple
QUADRUPLETS
QUINTUPLETS
SUPERFETATION
TRIPLETS
TWINS
Pseudopregnancy
Puerperium
LACTATION

RESPIRATORY TRACT

PHYSIOLOGY

Aspiration
Respiration
Sneezing
Speech
Voice

SEX

Sex Characteristics

SKIN PHYSIOLOGY

Pigmentation
Skin Absorption

URINARY TRACT

PHYSIOLOGY

Diuresis
NATRIURESIS
Kidney Concentrating Ability
Urination

G2

Health Occupations and Disciplines

DENTISTRY, OCCUPATION	Radiology
ENVIRONMENTAL HEALTH, OCCUPATION Health Physics	TECHNOLOGY, MEDICAL OCCUPATION
FORENSIC MEDICINE	TECHNOLOGY, VETERINARY MEDICAL
GERIATRICS	VETERINARY MEDICINE Equine Practice General Practice, Veterinary Medical Large Animal Practice Poultry Practice Regulatory Veterinary Medicine Small Animal Practice Specialties, Veterinary Medical
HOSPITAL ADMINISTRATION	LABORATORY ANIMAL MEDICINE
INDUSTRIAL MEDICINE	PATHOLOGY, VETERINARY MEDICAL Pathology, Comparative
MEDICAL ILLUSTRATION	PUBLIC HEALTH, VETERINARY MEDICAL
MEDICINE	RADIOLOGY, VETERINARY MEDICAL Veterinary Medical Service, Military
NURSING	
SEROLOGY	
SPECIALTIES, MEDICAL Anesthesiology Dermatology Internal Medicine Neurology Obstetrics Ophthalmology Pathology	SPECIALISM

G3

Environmental Health, Hygiene, and Preventive Medicine

CHILD CARE

Infant Care

ENVIRONMENT

Air

Altitude

Atmospheric Pressure

LIFE SUPPORT SYSTEMS

Climate

COLD CLIMATE

DESERT CLIMATE

TROPICAL CLIMATE

Environment, Controlled

AIR CONDITIONING

HEATING

HOUSING

LIGHTING

VENTILATION

Extraterrestrial Environment

SEALED-CABIN ECOLOGY

Soil

PEAT

Sunlight

ULTRAVIOLET RAYS

Temperature

Water

ICE

STEAM

Weather

HUMIDITY

LIGHTNING

SEASONS

ENVIRONMENTAL EXPOSURE

ENVIRONMENTAL HAZARDS

Accidents

ACCIDENTS, AVIATION

ACCIDENTS, INDUSTRIAL

ACCIDENTS, TRAFFIC

Air Pollution

AIR POLLUTION, RADIOACTIVE

AUTOMOBILE EXHAUST

DUST

Chemical

Cross Infection

Decompression, Explosive

Disasters

EXPLOSIONS

FIRES

Drug Adulteration

Food Contamination

FOOD CONTAMINATION,

RADIOACTIVE

Industrial Waste

Noise

Odors

Pesticide Contamination

Radioactive Fallout

Radioactive Waste

Water Pollution

WATER POLLUTION,

RADIOACTIVE

ENVIRONMENTAL HEALTH

HYGIENE

Dental Hygiene

PREVENTIVE MEDICINE

Accident Prevention

Communicable Disease Control

ANIMAL POPULATION CONTROL

Rodent Control

INSECT CONTROL

MALARIA CONTROL

MOSQUITO CONTROL

QUARANTINE

Disinfection

FUMIGATION

Epidemiology

Epizootiology

Microbiological Safety

Preventive Dentistry

DENTAL CARIES CONTROL

DENTAL CARIES

SUSCEPTIBILITY

DENTAL PROPHYLAXIS

FLUORIDATION

Sanitary Engineering

LATRINES

REFUSE DISPOSAL

SEWAGE

WATER SUPPLY

Sterilization

PUBLIC FACILITIES

PUBLIC HEALTH

RADIOLOGIC HEALTH

Decontamination

Radiation Effects

Radiation Protection

H

PHYSICAL SCIENCES

ASTRONOMY

BIOPHYSICS

CHEMISTRY

Chemistry, Analytical

CHROMATOGRAPHY

COLORIMETRY

ELECTROPHORESIS

SPECTRUM ANALYSIS

ULTRACENTRIFUGATION

Chemistry, Organic

Chemistry, Pharmaceutical

Chemistry, Physical

Microchemistry

ELECTRONICS

GEOGRAPHY

GEOLOGY

MATHEMATICS

OPTICS

Microscopy

PHYSICS

Acoustics

SOUND

Electricity

Motion

Nuclear Physics

Pressure

Radiation

ALPHA PARTICLES

LASERS

LIGHT

ULTRAVIOLET RAYS

STATISTICS

TIME

WEIGHTS AND MEASURES

I

ANTHROPOLOGY, EDUCATION, SOCIOLOGY, AND SOCIAL PHENOMENA

ANTHROPOLOGY

Primateology

ANTHROPOLOGY, PHYSICAL

EDUCATION

Curriculum

Education, Continuing

Education, Dental

Education, Graduate

Education, Medical

Education, Nursing

Education, Pharmacy

Education, Veterinary Medical

Educational Measurement

Faculty

FACULTY, DENTAL

FACULTY, MEDICAL

FACULTY, NURSING

FACULTY, PHARMACY

FACULTY, VETERINARY

MEDICAL

Internship and Residency

Schools

SCHOOLS, DENTAL

SCHOOLS, HEALTH

OCCUPATIONS

SCHOOLS, MEDICAL

SCHOOLS, NURSING

SCHOOLS, PHARMACY

SCHOOLS, PUBLIC HEALTH

SCHOOLS, VETERINARY

MEDICAL

UNIVERSITIES

Students

STUDENTS, DENTAL

STUDENTS, HEALTH

OCCUPATIONS

STUDENTS, MEDICAL

STUDENTS, NURSING

STUDENTS, PHARMACY

STUDENTS, POSTDOCTORAL

STUDENTS, PREMEDICAL

STUDENTS, VETERINARY

MEDICAL

Teaching

PROGRAMMED INSTRUCTION

EDUCATION,

NONPROFESSIONAL

Primary Education

Secondary Education

Special Education

Vocational Education

Vocational Guidance

96 ANTHROPOLOGY, EDUCATION, SOCIOLOGY

GOVERNMENT

GOVERNMENT PROGRAMS

INTERNATIONAL COOPERATION

International Conservation Activities

International Education Exchange

MOLECULAR PHYLOGENY

POLITICS

POPULATION

Demography

Population Control

Population Density

Population Genetics

Population Growth

Vital Statistics

SOCIAL SCIENCES

SOCIOMETRIC TECHNICS

WAR

Atomic Warfare

Biological Warfare

Chemical Warfare

Civil Defense

Psychological Warfare

J

TECHNOLOGY, INDUSTRY, AND AGRICULTURE

AGRICULTURE

Dairying

Fertilizers

Plant Diseases

ARCHITECTURE

Animal Facility Design and Construction

Facility Design and Construction

Hospital Design and Construction

CLOTHING

Protective Clothing

Shoes

COMMERCE

ENGINEERING

Agricultural Engineering

Biomedical Engineering

Chemical Engineering

Human Engineering

FOOD

Animal Feed

SILAGE

Cereals

CORN

GRAIN

MALT

RICE

WHEAT

Dairy Products

Eggs

EGG YOLK

Flour

Fruit

CITRUS FRUITS

GRAPES

Meat

FISH PRODUCTS

POULTRY PRODUCTS

SHELLFISH

Molasses

Nuts

COCONUT

PEANUTS

Processed Foods

Vegetables

FOOD ANALYSIS

FOOD HANDLING

Cookery

98 TECHNOLOGY, INDUSTRY, AND AGRICULTURE

FOOD INSPECTION

FOOD PRESERVATION

Food Irradiation

FOOD SUPPLY

INDUSTRY

Dairy Industry

Food Processing Industry

Meat-Packing Industry

Pharmaceutical Industry

MATERIALS

Animal Bedding

Ceramics

Paint

Plastics

NYLON

Semiconductors

NUCLEAR REACTORS

PROTECTIVE DEVICES

Ejection Seats

Seat Belts

TECHNOLOGY

Automation

Technology, Laboratory Animal

BARRIER SYSTEMS

FOSTER NURSING ANIMALS

TRANSPORTATION

Animal Transport

L

COMMUNICATION, LIBRARY SCIENCE, AND DOCUMENTATION

ADVERTISING

AUDIO-VISUAL AIDS

Exhibits
Films
Models, Structural
Motion Pictures
Radio
Television

AUTOMATIC DATA PROCESSING

Computers
Data Display
Information Retrieval Systems
Pattern Recognition
Punched-Card Systems

BIBLIOGRAPHY, DESCRIPTIVE

Book Imprints

PRINTERS' MARKS

Book Ornamentation

BOOKS, ILLUSTRATED

Bookplates

BOOKS

COPYING PROCESSES

Microfilming

CYBERNETICS

DOCUMENTATION

Abstracting and Indexing
Cataloging
Information Services
Nomenclature
Subject Headings

INFORMATION THEORY

LIBRARY SCIENCE

Archives
NATIONAL ARCHIVES OF
MEDICAL MOTION PICTURES
Bibliography
Book Selection
Cataloging
Interlibrary Loans
Libraries
LIBRARIES, FILM
LIBRARIES, HOSPITAL
LIBRARIES, MEDICAL
NLM

PUBLISHING

Book Industry
Bookselling

PUBLISHING (Continued)

Catalogs, Publishers'

Manuscripts

MANUSCRIPTS, MEDICAL

Newspapers

Pamphlets

Periodicals

Printing

REFERENCE BOOKS

Almanacs

Atlases

MAPS

Bibliographies

Catalogs

Dictionaries

Directories

Encyclopedias

Handbooks

Monographs

Pharmacopoeias

SYSTEMS ANALYSIS

Operations Research

WRITING

Authorship

**M
NAMED GROUPS**

BLOOD DONORS

PHARMACISTS

MILITARY PERSONNEL

TISSUE DONORS

N

HEALTH CARE

N1

Population Characteristics

CULTURE

HEALTH

Handicapped

AMPUTEES

Mental Health

Oral Health

Physical Fitness

PATIENTS

Hospitalization

RESIDENCE CHARACTERISTICS

Rural Population

Urban Population

SOCIOECONOMIC FACTORS

N2

Health Facilities, Manpower, and Services

HEALTH FACILITIES

Blood Banks

Hospital Departments

Hospitals

HOSPITALS, ANIMAL

Laboratories

Tissue Banks

HEALTH MANPOWER

Administrative Personnel

Hospital Personnel

Laboratory Animal Technicians

Physicians

Research Personnel

Veterinary Medical Technicians

Veterinarians

N3

Economics, Organizations, and Social Control

ECONOMICS

Costs and Cost Analysis
Support

FOUNDATIONS

RESEARCH SUPPORT

TRAINING SUPPORT

ORGANIZATIONS

Academies and Institutes

Congresses

Federal Agencies

FDA

NIH

OEO

PHS

VA

Foundations

International Agencies

WHO

Labor Unions

Museums

Societies

SOCIETIES, ANIMAL WELFARE

Societies, Scientific

SOCIETIES, VETERINARY

MEDICAL

American Veterinary Medical
Association (AVMA)

State and Local Agencies

Research Institutes

Voluntary Health Agencies

Zoological Gardens

SOCIAL CONTROL, FORMAL

Accreditation

Certification

Ethics, Professional

ETHICS, VETERINARY MEDICAL

Jurisprudence

EXPERT TESTIMONY

MALPRACTICE

Legislation

LEGISLATION, ANIMAL

WELFARE

LEGISLATION, DRUG

LEGISLATION, PUBLIC HEALTH

LEGISLATION, MEDICAL

LEGISLATION, VETERINARY

MEDICAL

Licensure

LICENSURE, VETERINARY

MEDICAL

N4

Health Services Administration

ORGANIZATION AND ADMINISTRATION

Accounting

Fee Schedules

Personnel Management

Public Health Administration

Public Relations

Records

PATIENT CARE MANAGEMENT

Attitude of Health Personnel

PROFESSIONAL PRACTICE

II
Alphabetical List of
Laboratory Animal
Medical
Subject Headings



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Abdominal Injuries, 60
Abdominal Neoplasms, 39
Abdominal Skin Pouch, 4
Abdominal Wall, 5
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III

Usage Guide

USE IN REFERENCE FILES

Laboratory Animal Medical Subject Headings (LAME SH) may serve as a source of key words for filing systems. A variety of reference filing systems are in use. They all have advantages and disadvantages, as recently described by Pearson.* The use of LAME SH in a reference filing system has several important advantages. LAME SH is a published, standardized list, which, therefore, facilitates use of the reference file by persons with diverse backgrounds. Also, it may be established at different institutions with ease and flexibility. The system is open-ended, and new headings may be added at any time. Although not part of LAME SH, authors and journal titles may be incorporated into the system with ease. Because LAME SH is a hierarchical system, general headings can be used for those areas where the volume of material is small and more specific and detailed headings may be used in areas where the volume of material is large. The system is patterned after (and is compatible with) the Medical Subject Headings of the National Library of Medicine. The system may be used for reprints, photographs, histology slides, case reports, lecture notes, letters, etc., or any combination thereof.

A specific system using LAME SH is as follows: Each reprint (or photograph, histology slide, case report, set of lecture notes, etc.) is characterized by 10 descriptive terms or less from the list of LAME SH. A file card is prepared for each descriptive term. Information on the file card should include the author, title, reference, where item is filed, class of item (reprint, slide, letter, etc.), other subject headings used to index the item, and, if desired, a short summary. The file card is then placed in back of guide cards that indicate the subject heading. Identical file cards are placed in back of each subject heading that was selected to index an item, for a complete cross-indexing

*L. D. Pearson. 1970. A cross-indexing system for a personal reference file. *J. Anim. Ved. Med. Assoc.* 157(3):344-348.

system. In theory, there is no limit to the number of headings under which an item may be indexed. In practice, an item is usually indexed under about 5 headings; rarely an item indexed under 10 headings or more. Reprints can be kept in a separate file for ready reference. Guide cards can also be used to indicate author and journal, if necessary. An example of a file card is as follows:

Subject: Cebidae

Author: Bone, Jesse F., and Soave, Orland A.

Title: Experimental Tuberculosis in Owl Monkeys (*Aotus trivirgatus*)

Reference: *Laboratory Animal Care* 20:946-948, 1970

Summary: One of 4 owl monkeys inoculated intratracheally with about 40,000 viable *Mycobacterium tuberculosis* var. *hominis* organisms developed a fatal hematogenous infection 42 days after inoculation. The remaining 3 animals developed no gross or microscopic lesions of tuberculosis in 120 days. The species may therefore be presumed to have a high degree of resistance. The intradermal tuberculin test employing a 1:10 dilution of Koch's Old Tuberculin was not effective in diagnosing the disease in the affected monkey.

Other Subject Headings: Mycobacterium tuberculosis
Tuberculosis
Tuberculin test

Subject headings, which are written on the tabs of the guide cards, are selected from the printed LAME SH list. The guide cards should be arranged alphabetically in the working file.

Because LAME SH is a hierarchical system, headings at several levels of abstraction are included. For example, the hierarchical list for the animal kingdom may be in the form of the following:

ANIMAL KINGDOM—INVERTEBRATES

ANIMAL KINGDOM—VERTEBRATES

Mammalia

RODENTIA

Mus musculus

Inbred mice

C3H

C57Bl

BALB/c

Thus, it would be correct to index a paper on C3H inbred mice under Animal Kingdom—vertebrates, or Mammalia, or Rodentia, or *Mus mucus*, or inbred mice, or C3H. In practice, the most specific heading in the system should be the one used. Of course, a person may decide that a higher-order term such as Rodentia will be of sufficient specificity to index all items about rodents in his file. This term, then, may be the one that is used. If greater specificity is desired at a later date, the next order of headings may be added to those being used. It is helpful to place a checkmark by headings in the hierarchical list that are actually being used on the guide cards so that one may have an idea of the specificity being used in that particular area.

Retrieval from the system is simple. Most often, the user will identify the desired subject heading by a direct inspection of the guide cards in the file. If this method is not successful, he should consult the complete alphabetized LAMESH list, which includes cross-references (Section II). When the appropriate heading has been identified in the alphabetical list, its position on the hierarchical list is determined by the page number given. If that heading has not been incorporated into the system, one should go up the hierarchical listing until a heading is found that is being used. All relevant material in the file on the subject in question should then be found in back of that guide card.

USE IN PEEK-A-BOO RETRIEVAL SYSTEMS

Peek-a-boo systems are based on a list of terms selected to characterize information to be stored. Each term is assigned a color-number code, which is then represented by one of the storage cards. Peek-a-boo consists of three basic items of equipment: a semiautomatic drilling device for data input, a deck of plastic cards for data storage, and an illuminated calibrated viewer for data retrieval. A full deck of cards consists of 1,000 cards, divided into 10 subdecks of 100 cards. Each of the 100 cards in the subdeck is identified by a color number tab on the top of the card. A card has coordinates of 100 x 100; these provide 10,000 input sites, each of which can be identified on the illuminated retrieval viewer. The input on the cards is based on accession numbers, ranging from 0000 to 9999, permitting 10,000 accession entries to a deck of cards. Additional decks of cards can be identified and used for accessions beyond 10,000.

The recording of a case is accomplished by using the precision drill to bore a hole in the appropriate cards at the exact spot for the case accession number. Information can be retrieved by selecting the cards representing the characteristics or terms about which information is desired and placing these on the calibrated illuminated reader. One can count the total cases with common characteristics and also obtain individual accession numbers by reading the accession numbers of the drilled holes in the cards. Peek-a-boo facilitates immediate retrieval of specific records without removal of other material from the files and allows correlation and statistical analysis of data contained in the records. The records are always available and may be perused at any time.

Terminology from the Laboratory Animal Medicine Subject Headings (LAME SH) can be readily adapted to a peek-a-boo system. Such adaptations can be made for literature, case records, or other purposes.

An example of an adaptation of the terminology is presented here for someone who wishes to record cases of neoplasia in a variety of animals by anatomical sites and age of occurrence. Anatomical terms can be selected from Section A of the categorized list of LAME SH. For brevity of this example, we will consider anatomical sites of the digestive system in Section

A-3. Each of the selected anatomical sites has been designated a color number (see Figure 1).

A list of neoplasms can be obtained from Section C-2 of the categorized list. Each of the selected terms from the list of neoplasms is then assigned a color number code (yellow), as was done for anatomical sites (see Figure 2).

The animals selected for reference of the neoplasm were taken from Section B-2, Vertebrates. Additions can be made to the animal list at any time by adding a species, family, order, or phylum. The animal list can be coded by assigning a color number to each animal listed (see Figure 3). If one wished to have a detailed listing of several thousand species of animals, each species can be assigned a 4-unit code number (0000 to 9999). Ten thousand animal species can then be recorded or retrieved in peek-a-boo by means of 40 cards. The identity of one species requires the use of 4 of the 40 cards. For the sake of illustration, we will use white cards 0 to 39. The first digit would use cards 0 to 9; second digit, 10 to 19; third digit, 20 to 29; and fourth digit, 30 to 39. Assuming that the *Saimiri sciureus* has a code number of 0138, an entry of a neoplasm for this species would require that white cards 0, 11, 23, and 38 be taken from the deck for drilling of the neoplasm accession number into the 4 cards. At the same time, all other cards with characteristics for that accession number would be added to the species card.

If one desires to correlate the age of the animal at the time of diagnosis of a neoplasm, a set of numbers representing month or year can be formulated and color-coded. Each age category will require one card. An example of an age grouping follows:

G1	Less than 1 year
G2	1 year
G3	2 years
G4	3 years
G5	4 years
G6	5 years
G7	6 years
G8	7 years
G9	8 years
G10	9 years
G11	10 years
G12	11 years
G13	12 years
G14	13 years

A list of other terms, such as sex, weight, metastasis, or animal origin, can also be prepared and coded as above. All of the code lists are open-ended so that terms can be added or deleted as the system is used.

A3

Digestive System

Red 0	ESOPHAGUS
	Esophagogastric Junction
Red 1	Ingluvies
	CROP
	GASTROINTESTINAL SYSTEM
	Biliary Tract
Red 2	BILE DUCTS
	BILE DUCTS, INTRAHEPATIC
Red 3	COMMON BILE DUCT
	CYSTIC DUCT
Red 4	GALL BLADDER
	HEPATIC DUCT
	VATER'S AMPULLA
	Intestines
Red 5	ANUS
	APPENDIX
Red 6	BURSA OF FABRICIUS
Red 7	CECUM
Red 8	COLON
Red 9	CLOACA
Red 10	DUODENUM
	ILEOCECAL VALVE
Red 11	ILEUM
	INTESTINAL MUCOSA
	INTESTINE, LARGE
	INTESTINE, SMALL
Red 12	JEJUNUM
	MECKEL'S DIVERTICULUM
	PYLORIC CECUM
Red 13	RECTUM
	SIGMOID
Red 14	Liver
Red 15	Pancreas

FIGURE 1

C2**Neoplasms, Cysts, and Polyps**

CYSTS**Bone Cyst****Dermoid Cyst****Epidermal Cyst****Esophageal Cyst****Kidney, Cystic****KIDNEY, POLYCYSTIC****Mediastinal Cyst****Mesenteric Cyst****Mucocele****Nonodontogenic Cysts****Odontogenic Cysts****DENTIGEROUS CYST****PERIODONTAL CYST****RADICULAR CYST****Ovarian Cysts****CORPUS LUTEUM CYST****STEIN-LEVENTHAL SYNDROME****Pancreatic Cyst****Parovarian Cyst****Pilonidal Cyst****Ranula****Sebaceous Cyst****Synovial Cyst****Thyroglossal Cyst****Umbilical Cyst****NEOPLASMS****Yellow 1 Carcinoma****Yellow 2 CARCINOMA, BASAL CELL****CARCINOMA, BASOSQUAMOUS****Keratoacanthoma****CARCINOMA, BROWN-PEARCE****CARCINOMA, COLLOID**

FIGURE 2

B2 Animal Kingdom—Vertebrates

White 3	CHORDATA
White 4	Amphibia
	URODELA
	Ambystomidae
	Salamandridae
White 5	SALIENTIA
	Bufo
	Bufo
	Pipidae
	Ranidae
	Animals
	CAPTIVE WILD (ZOO) ANIMALS
	DOMESTIC ANIMALS
	FERAL ANIMALS
	LABORATORY (EXPERIMENTAL) ANIMALS
White 6	Aves
White 7	ANSERIFORMES
White 8	CASUARIIFORMES
White 9	CICONIIFORMES
White 10	COLUMBIFORMES
White 11	FALCONIFORMES
White 12	GALLIFORMES
	Meleagrididae
	Phasianidae
	Coturnix
	Gallus domesticus
	Tetraonidae
White 13	PASSIFORMES
White 14	PSITTACIFORMES
White 15	RHEIFORMES
White 16	SPHENISCIFORMES
White 17	STRUTHIONIFORMES
White 18	TINAMIFORMES
	(Fishes)

FIGURE 3

