Pronunciation Key:

|  |  |  |
| --- | --- | --- |
| **Abdominal** | Ab-DAH-mi-nuhl | Pertaining to the abdomen |
| **Anemia** | uh-NEE-mee-uh | Lack of blood |
| **Anoxia** | a-NAHK-see-uh | Lack of oxygen |
| **Arthritis** | ahr-THRY-tis | Inflammation of the joints |
| **Bradycardia** | BRAY-dee-**KAHR**-dee-uh | Abnormally slow heart rate |
| **Carcinoma** | KAHR-si-**NOH**-muh | Cancerous tumor |
| **Cardiomegaly** | KAHR-dee-oh-**MEH**-guh-lee | Abnormally large heart |
| **Cephalic** | seh-FAL-ik | Pertaining to the head |
| **Cephalitis** | seh-FA-**LY**-tis | Inflammation of the head |
| **Coprophagia** | kah-PRAH-**FAY**-gia | Eating feces |
| **Cyanuria** | SY-a-**NOO**-ree-uh | Blue urine |
| **Cystotomy** | sis-TAH-toh-mee | Cutting into the urinary bladder |
| **Cytopenia** | SY-toh-**PEE**-nee-uh | A deficiency of the cells |
| **Dermatitis** | DER-muh-**TY**-tis | Inflammation of the skin |
| **Dysphagia** | dis-FAY-gia | Difficulty eating |
| **Dyspnea** | DISP-nee-uh | Difficulty breathing |
| **Dysuria** | dis-YOO-ree-uh | Difficulty urinating |
| **Enteral** | EHN-teh-rul | Pertaining to the intestines |
| **Enteric** | EHN-ter-ick | Pertaining to the intestines |
| **Erythrocyte** | eh-RI-throh-site | Red blood cell |
| **Erythrolysis** | eh-RI-throl-o-sis | Destruction of the red blood cell |
| **Erythropenia** | eh-RI-throh-**PEE**-nee-uh | Deficiency of red blood cells |
| **Eupnea** | YOOP-nee-uh | Normal breathing |
| **Gingivitis** | JIN-ji-**VI**-tis | Inflammation of the gingiva |
| **Hepatomegaly** | heh-PA-toh-**MEH**-guh-lee | Abnormally large liver |
| **Hydrocephalous** | HY-dro-**SEH**-fuh-lus | Water on the brain |
| **Hydrous** | HY-drus | Pertaining to water |
| **Hypoxia** | hy-PAHK-see-uh | Insufficient oxygen |
| **Leukemia** | loo-KEE-mee-uh | Malignant blood disease |
| **Leukopenia** | LOO-koh-**PEE**-nee-uh | Deficiency of white blood cells |
| **Lobectomy** | loh-BEHK-toh-mee | Surgically removing a lobe |

Pronunciation Key (cont.)

|  |  |  |
| --- | --- | --- |
| **Malocclusion** | MAL-oh-**KLOO**-zhuhn | Poor positioning of the teeth |
| **Mammography** | mam-MAH-gruh-fee | A recording of the mammary glands |
| **Neonatal** | NEE-oh-**NAY**-tul | Newborn |
| **Ophthalmology** | AHF-thal-**MAH**-loh-jee | The study of the eye |
| **Ophthalmoscope** | AHF-thal-moh-skohp | An instrument used to examine the eye |
| **Osteoma** | AH-stee-oh-muh | Cancer of the bone |
| **Otic** | OH-tic | Pertaining to the ear |
| **Otitis** | OH-**TY**-tis | Inflammation of the ear |
| **Otoscope** | OH-toh-skohp | Instrument used to examine the ear |
| **Pericardial** | PAIR-i-**KAHR**-dee-ul | Pertaining to the area surrounding the heart |
| **Pericarditis** | PAIR-i-kahr-**DY**-tis | Inflammation of the tissue surrounding the heart |
| **Periodontal** | PAIR-ee-oh-**DAHN**-tul | Pertaining to the area around the tooth |
| **Peritoneal** | PAIR-i-toh-**NEE**-ul | Pertaining to the peritoneum-the lining of the abdominal cavity |
| **Polyarthritis** | PAH-lee-ahr-**THRY**-tis | Inflammation of multiple joints |
| **Polyuria** | PAH-lee-**YOO**-ree-uh | Producing a lot of urine |
| **Radiography** | RAY-dee-**AH**-gruh-fee | Recording an image using x-rays |
| **Tachycardia** | TA-kee-**KAHR**-dee-uh | Abnormally fast heart rate |
| **Tachypnea** | tuh-KIP-nee-ah | Abnormally fast breathing |
| **Thoracotomy** | **THORAH**-KAH-toh-mee | An incision into the thorax |
| **Tracheoma** | TRAY-kee-oh-muh | A tumor of the trachea |
| **Tracheotomy** | TRAY-kee-**AH**-toh-mee | Cutting into the trachea |
| **Urology** | yoo-RAH-loh-jee | Study of the urinary system |

Handout-1

Prefixes 1

Name:

**Directions:** Fill in the meaning for each prefix, and then define the examples.

|  |  |  |
| --- | --- | --- |
| **Prefix** | **Meaning** | **Example** |
| **A-, an-** |  | Anemia: Asymptomatic: |
| **Anti-** |  | Antibiotic: |
| **Brady-** |  | Bradycardia: |
| **De-** |  | Dehydrate:Decay: |
| **Dys-** |  | Dyspnea: |
| **Hyper-** |  | Hyperthermia: |
| **Hypo-** |  | Hypothermia: |
| **Mal-** |  | Malocclusion: |
| **Poly-** |  | Polyuria: |
| **Tachy-** |  | Tachycardia: |

Handout-2

Suffixes 1

Name:

**Directions:** Fill in the meaning for each suffix, and then define the examples.

|  |  |  |
| --- | --- | --- |
| **Suffix** | **Meaning** | **Example** |
| **-cyte** |  | Erythrocyte: |
| **-ectomy** |  | Lobectomy: |
| **-emia** |  | Leukemia: |
| **-pnea** |  | Tachypnea: |
| **-itis** |  | Arthritis: |
| **-logy** |  | Biology: |
| **-oma** |  | Carcinoma: |
| **-penia** |  | Leukopenia: |
| **-scope** |  | Microscope: |
| **-tomy** |  | Cystotomy: |

Handout-3

Roots 1

Name:

**Directions:** Fill in the meaning of the root word.

|  |  |  |
| --- | --- | --- |
| **Root/Combining Form** | **Pronunciation** | **Meaning** |
| **Cardi/o** | KAHR-dee-oh |  |
| **Cephal/o** | SEH-fal-loh |  |
| **Dent/i, dent/o** | DEHN tee, DEHN-toh |  |
| **Mamm/a, mamm/o** | MAM-mah, MAM-moh |  |
| **Nas/o** | NAZ-zoh |  |
| **Ophthalm/o** | Afh-THAL-moh |  |
| **Ot/o** | OH-toh |  |
| **Steth/o** | STETH-oh |  |
| **Thorac/o** | THOR-ah-koh |  |
| **Trache/o** | TRAY-kee-oh |  |

Handout-4

Prefixes 2

Name:

**Directions:** Fill in the meaning for each prefix, and then define the examples.

|  |  |  |
| --- | --- | --- |
| **Prefix** | **Meaning** | **Example** |
| **Ep-, epi-** |  | Epidermal: |
| **Eu- (yoo)** |  | Eupnea: |
| **Iso-** |  | Isothermic: |
| **Multi-** |  | Multicellular: |
| **Neo-** |  | Neonatal: |
| **Pan-** |  | Panarthritis: |
| **Peri-** |  | Periodontal: |
| **Post-** |  | Postoperative: |
| **Uni-** |  | Unicellular: |

Handout-5

Suffixes 2

Name:

**Directions:** Fill in the meaning for each suffix, and then define the examples.

|  |  |  |
| --- | --- | --- |
| **Suffix** | **Meaning** | **Example** |
| **-al, -ic, -ac,****-ous** |  | Thermic: Dermal: Hydrous: |
| **-graphy** |  | Radiography: |
| **-ist** |  | Cardiologist: |
| **-lysis** |  | Erythrolysis: |
| **-megaly** |  | Hepatomegaly: |
| **-natal** |  | Postnatal: |
| **-oxia** |  | Hypoxia: |
| **-phagia** |  | Malphagia: |
| **-spasm** |  | Cardiospasm: |
| **-toxin** |  | Entrotoxin: |

Handout-6

Roots 2

Name:

**Directions:** Fill in the meaning of the root word.

|  |  |  |
| --- | --- | --- |
| **Root/Combining Form** | **Pronunciation** | **Meaning** |
| **Abdomin/o** | Ab-DAH-mi-noh |  |
| **Copr/o** | KAH-proh |  |
| **Cyan/o** | SY-a-noh |  |
| **Derm/o, Dermat/o** | DER-moh, DER-mah-toh |  |
| **Enter/o** | EHN-teh-roh |  |
| **Erythr/o** | Eh-RI-throh |  |
| **Gingiv/o** | JIN-ji-voh |  |
| **Hepat/o** | Heh-PA-toh |  |
| **Hydr/o** | HY-droh |  |
| **Peritone/o** | PAIR-i-toh-**NEE**-oh |  |
| **Ur/o** | Yoo-roh |  |

|  |  |
| --- | --- |
| **Abbreviation** | **Meaning** |
| **ad lib.** | As much as desired |
| **sid** | One time daily |
| **bid** | Two times daily |
| **tid** | Three times daily |
| **qid** | Four times daily |
| **qh** | Every hour |
| **qd** | Every day |
| **w/o** | Without |
| **stat** | Immediately |
| **n** | Normal |
| **DSH** | Domestic short hair (cat) |
| **DLH** | Domestic long hair (cat) |
| **Dx** | Diagnosis |
| **Hx** | History |
| **Rx** | Prescription |
| **Sx** | Surgery |
| **FeLV** | Feline leukemia virus |
| **FIA** | Feline infectious anemia |
| **FIP** | Feline infectious peritonitis |
| **ECG** | Electrocardiogram |
| **ICU** | Intensive care unit |
| **cc** | Cubic centimeter, mL |
| **mL** | Milliliter, cc |
| **wt** | Weight |
| **HR** | Heart rate |
| **PCV** | Packed cell volume |
| **sg** | Specific gravity |
| **TPR** | Temperature, pulse, respiration |
| **UA, U/A** | Urinalysis |
| **IM** | Intramuscular |
| **IP** | Intraperitoneal |
| **IV** | Intravenous |
| **Sub-Q** | Subcutaneous |
| **rbc** | Red blood cell |
| **wbc** | White blood cell |
| **DVM** | Doctor of Veterinary Medicine |
| **CNS** | Central nervous system |
| **GI** | Gastrointestinal |
| **DOA** | Dead on arrival |
| **DOB** | Date of birth |
| **♀** | Female |
| **♂** | Male |