

Supplemental Table 1. Final diagnoses and comorbidities

System of Primary Diagnosis	Primary Diganosis	Comorbidities
Neoplasia (n=60)		
Integumentary/subcutaneous (n=22)	<i>Fibrosarcoma/soft tissue sarcoma (n=13)</i> <i>Mammary carcinoma (n=4)</i> <i>Melanoma (n=2)</i> <i>Lipoma (n=1)</i> <i>Osteochondroma (n=1)</i> <i>Epithelial carcinoma (n=1)</i>	
Lower respiratory (n=17)	<i>Pulmonary carcinoma (n=12)</i> <i>Primary or metastatic pulmonary neoplasia (n=4)</i> <i>Pulmonary tubular adenocarcinoma (n=1)</i>	<i>Bronchial adenocarcinoma (n=1)</i>
Lymphatic (n=5)	<i>Mediastinal lymphoma (n=2)</i> <i>Thymoma (n=2)</i> <i>Nasal lymphoma (n=1)</i>	
Upper respiratory (n=3)	<i>Nasal adenocarcinoma (n=2)</i> <i>Nasal hemangiosarcoma (n=1)</i>	
Hepatobiliary (n=3)	<i>Biliary cystadenoma/cystadenocarcinoma (n=2)</i> <i>Hepatocellular adenoma (n=1)</i>	
Pancreatic (n=3)	<i>Pancreatic carcinoma (n=2)</i> <i>Pancreatic adenoma (n=1)</i>	
Urogenital (n=2)	<i>Renal urethelial cell carcinoma (n=1)</i> <i>Metastatic renal carcinoma (n=1)</i>	
Adrenal (n=2)	<i>Adrenocortical adenoma/adenocarcinoma (n=2)</i>	
Gastrointestinal (n=1)	<i>Colonic leiomyosarcoma (n=1)</i>	<i>GI lymphoma (n=2)</i>
Other (n=2)	<i>Interdigital hemangiosarcoma (n=1)</i> <i>Malignant fibrous histiocytoma (n=1)</i>	<i>Splenic hemangiosarcoma (n=1)</i> <i>Meningioma (n=1)</i> <i>Mast cell neoplasia (n=2)</i>
Non-Neoplasia (n=41)		
Lower respiratory (n=17)	<i>Pulmonary Abscess (n=5)</i> <i>Pneumonia (n=5)</i> <i>Asthma (n=2)</i> <i>Chronic fibrosing pleuritis (n=1)</i> <i>Pulmonary fibrosis (n=1)</i> <i>Non-cardiogenic pulmonary edema (n=1)</i> <i>Bronchopulmonary dysplasia (n=1)</i> <i>Pneumothorax (n=1)</i>	<i>Asthma/chronic bronchitis/chronic cough (n=5)</i> <i>Pneumothorax (n=1)</i>
Lymphatic (n=5)	<i>Chylothorax (n=5)</i>	<i>Chylothorax (n=2)</i>
Urogenital (n=4)	<i>Ureterolith (n=2)</i> <i>Vestibular stricture (n=1)</i> <i>Acute kidney injury (n=1)</i>	<i>Feline interstitial cystitis (n=4)</i> <i>Nephrolith/ureterolith (n=4)</i> <i>Chronic kidney disease (n=2)</i> <i>Polycystic kidney disease (n=1)</i> <i>Urinary tract infection (n=1)</i>
Cardiovascular (n=3)	<i>R pulmonary artery agenesis (n=2)</i> <i>Peritoneopericardial diaphragmatic hernia (n=1)</i>	<i>Hypertrophic cardiomyopathy (n=7)</i> <i>Heart murmur (n=1)</i> <i>Systolic anterior motion of the mitral valve (n=1)</i> <i>Pulmonary hypertension (n=1)</i> <i>Systemic hypertension (n=1)</i>
Gastrointestinal (n=1)	<i>Chronic inflammatory mass (n=1)</i>	<i>Inflammatory bowel disease/chronic enteropathy (n=4)</i> <i>GI foreign body (n=1)</i>
Upper respiratory (n=3)	<i>Paecilomycotic rhinitis (n=1)</i> <i>Lymphoplasmacytic rhinitis (n=1)</i> <i>Nasopharyngeal stenosis (n=1)</i>	<i>Chronic upper respiratory infection/rhinitis (n=5)</i>
Integumentary/subcutaneous (n=1)	<i>Draining tract at previous PEGG tube site (n=1)</i>	<i>Atopic dermatitis (n=1)</i> <i>Pseudomonas otitis interna (n=1)</i>
Pancreatic (n=1)	<i>Pancreatitis (n=1)</i>	
Other (n=1)	<i>Retroperitoneal abscess (n=1)</i>	<i>Hyperthyroidism (n=5)</i> <i>Feline leukemia virus/feline immunodeficiency virus (n=1)</i> <i>Osteoarthritis (n=1)</i> <i>Hepatic ductal plate malformation (n=1)</i>
Open (n=5)	(n=5)	(n=2)