



BRUCE S. NWADIKE, DVM, MRCVS, DACVS
RODNEY E. OAKLEY, DVM, DACVS
Surgery

BETH A. HUWE, DVM
DASHAUNTÉ COLEMAN, DVM
ANIA LANGRALL, VMD
MOLLY BECHTOLD, DVM
Emergency Medicine

COMMONLY PERFORMED SURGICAL PROCEDURES

FRONT LIMB

Angular Limb Deformities:

- ulnar osteotomy and ostectomy
- corrective radial osteotomy

Cancer/Tumors/Bone Cysts:

- tumor excision/removal
- amputation (digits/toes, partial scapulectomy, entire limb)

Carpal Hyperextension Injury:

- arthrodesis (carpometacarpal, pancarpal)

Carpal Shearing Injury:

- collateral ligament repair/replacement

Elbow dislocation:

- closed v. open reduction, collateral ligament replacement

Elbow Dysplasia:

- Fragmented Medial Coronoid Process (FCP)
- Ununited Anconeal Process (UAP)
- Osteochondritis Dissecans (OCD)

Fractures:

- humerus, radius/ulna, olecranon, carpal bones, metacarpals, phalanges
- internal (plating, pinning, wiring) and external fixation

Shoulder:

- dislocation
- Osteochondritis Dissecans (OCD)
- bicipital tenosynovitis, supraspinatus tendon mineralization, tenodesis, tenotomy

HEAD & NECK

Cancer/Tumors/Fungal infections:

- face, head, nose, sinuses, oral/mouth, eyes
- tongue, gums, larynx, esophagus
- thyroid gland, salivary glands, lymph nodes, parathyroid glands, ears
- mandibulectomy, maxillectomy
- orbitectomy, enucleation
- salivary mucocoele/sialoadenectomy, ranula marsupialization
- dorsal and ventral rhinotomy/sinusotomy, antifungal tube drenching/drainage

Ears:

- total ear canal ablation, vertical ear canal resection, ventral and lateral bulla osteotomy

Fractures/Dislocations:

- maxilla, mandible, TMJ
- internal (plating, pinning, wiring) and external fixation

TAIL & REAR END

Cancer/Tumors/Infection/Impaction:

- anal sacculitis, perianal glands, rectal wall, anorectal junction (tumor removal/excision, anal saccullectomy, rectal pull-through/anoplasty)

Perianal fistula

Perineal hernia (herniorrhaphy)

Tail fold dermatitis/folliculitis (screw tail malformation infection)

PELVIS & HIND LIMB

Cruciate Ligament Rupture:

- lateral fabellotibial suture prosthetic ligament
- tibial plateau leveling osteotomy/TPLO/MMP

Fractures/dislocations: (DCP, LC-DCP, SOP, Locking)

- ilium, sacroiliac joint, acetabulum
- internal fixation (plating, pinning, wiring, screws in lag fashion, transilial bolting)
- hip luxation (closed v. open reduction, capsulorrhaphy, toggle rod, femoral head and neck excision arthroplasty (FHO))
- femur, tibia, tarsal bones, calcaneus, metatarsal bones, phalanges (internal plating, pinning, wiring) and external fixation

Patellar luxation (medial, lateral, alta, baja)

Superficial Digital Flexor Tendon luxation (tenorrhaphy)

Tarsal Shearing Injury:

- collateral ligament repair/replacement

ABDOMEN

Adrenal glands (cancer)

- adrenalectomy

Colon (cancer), Megacolon

- colectomy

Kidneys (cancer, stones/calculi, hemorrhage)

- nephrectomy, nephrotomy, pyelolithotomy

Intestinal Surgery

Gastrectomy (partial)

Gastrointestinal Neoplasia/Cancer

Gall bladder disease and biliary drainage and diversion

Liver cancer

Extrahepatic Portosystemic Shunts

Splenic disease (torsion, infarcts, cancer, hematomas)

Abdominal wall injuries/hernias and cancer



MID-ATLANTIC
ANIMAL SPECIALTY
HOSPITAL

4135 Old Town Road
PO Box 1168
Huntingtown, MD 20639
410.414.8250 (voice)
410.414.2222 (fax)

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SPINE (NECK & BACK)

Hemilaminectomy
Dorsal laminectomy (cervical, thoracolumbar, and lumbar)
Spinal fracture/luxations
Myelography
MRI (offsite)

GENITAL & URINARY SYSTEM

Colposuspension
Prostatic cysts and abscesses Omentalization
Scrotal Urethrostomy
Episioplasty
Urogenital neoplasia/cancer resection
Bladder and urethral stones

THORAX (CHEST)

Hiatal hernia
Lung Lobectomy
Thoracic Wall Tumor Resection
Chylothorax
Chest tube placement and management
Esophageal foreign bodies, rupture
Pericardial effusion
Thymic tumors

SKIN & MAMMARY GLANDS

Mammary gland tumor resection
Vaccine-Associated Sarcomas
Mast cell tumor removal
Extensive bite wound management
Plastic & Reconstructive surgery

- Skin grafts, flaps
- Tissue expanders
- Non-healing wound management
- Negative pressure (vacuum-assisted) wound treatment