

Abdominal Radiology Check List
Case Number: _____

Technique	Repeat Films	OK
1. Images: LLAT RLAT VD DV (circle)		
2. Age of patient? ____ years old.		
3. Positioning	_____	_____
4. Technical Aspects	_____	_____
5. Expiration?	_____	_____
Interpretation Paradigm	NORMAL	ABNORMAL (roentgen sign)
A. Extra-abdominal structures:		
a. Caudal thorax	_____	_____
b. Diaphragm	_____	_____
c. Thoracic and lumbar Spine	_____	_____
d. Pelvis, Pelvic Limb	_____	_____
e. Abdominal Wall	_____	_____
f. Patient Body Habitus (description)	_____	_____
B. Peritoneal and Retroperitoneal Spaces		
a. Peritoneal Space?	_____	_____
i. Pneumoperitoneum	_____	_____
ii. Peritoneal effusion	_____	_____
iii. Peritoneal Mass Effect	_____	_____
iv. Mineralized structures?	_____	_____
b. Retroperitoneal Space?	_____	_____
i. Air within the retroperitoneum?	_____	_____
ii. Fluid in the retroperitoneum?	_____	_____
iii. Mineralization?	_____	_____
C. Gastrointestinal tract, Liver, Spleen and Pancreas		
a. Stomach?	_____	_____
i. Normal Shape, Size?	_____	_____
ii. Normal Position?	_____	_____
iii. Gastric Foreign Material	_____	_____
b. Small Bowel?	_____	_____
i. Abnormally distended?	_____	_____
1. Yes, > 1.5 x L5 mid vertebral body? DOG ____		
2. Yes, > 12 mm? CAT ____		
3. Yes, Generalized? ____		
4. Yes, Focal or multifocal? ____		

- a. Sentinel Loop? ____
 - 5. Radiopaque Foreign bodies? Yes ___ OR No ___?
 - 6. Plication with abnormal crescent shaped gas pattern? Yes ___ OR No ___
- c. Caecum and Colon:
 - i. Location normal?
 - ii. Size and shape normal?
 - iii. Luminal contents normal?
 - iv. Pneumocolon indicated? Yes ___ OR No ___?
- d. Liver
 - i. Hepatomegaly? Yes ___ OR No ___?
 - 1. Generalized? Yes ___ OR No ___?
 - a. Caudally displaced gastric axis?
 - 2. Mass or focal? Yes ___ OR No ___? If so, where? _____
 - ii. Microhepatia? Yes ___ OR No ___?
 - iii. Abnormal Mineralizations? Yes ___ OR No ___?
 - 1. GB? ____; Biliary ____; Focal hepatic parenchyma? ____
 - iv. Biliary Gas or Hepatic Abscess formation? ____
- e. Spleen
 - i. Mass lesions? ____
 - ii. Generalized enlargement? Yes ___ OR No ___;
 - iii. Mass effect - mid abdomen? Yes ___ OR No ___
 - iv. Gas within the splenic parenchyma? ____
- f. Pancreas?
 - i. Mass effect/effusion?
 - 1. Left Limb location? ____
 - 2. Pyloroduodenal angle? ____
 - 3. Right Limb Location? ____

D. Genitourinary, Adrenal, Lymph Node

- a. Urinary
 - i. Kidneys? _____
 - 1. Enlarged? ____; Bilateral? ____; Super Big? ____
 - 2. Small? ____; Bilateral? ____
 - 3. Dystrophic mineralization? ____; renal pelvis? ____; renal diverticulae? ____
 - 4. Nephrolithiasis? ____
 - 5. Ureteroliths? ____
 - 6. Irregular margins? ____
 - 7. Retroperitoneal effusion? ____

8. EU indicated? ____ (possible ureteral rupture? ____)
- ii. Ureters
 1. Ureteroliths? ____
 2. Enlarged? ____
 3. EU indicated? ____ (possible rupture or ureteral ectopia)
- iii. Urinary Bladder
 1. Degree of distention? _____
 2. Cystolithiasis (mineralized)? _____ (I can't C. U. – cysteine and urates may not mineralize and will thereby not be visualized on abdominal survey radiographs)
 3. Gas within the lumen? ____ (cystocentesis or catheterization? ____)
 4. Gas within the UB wall? ____
- iv. Urethra/Mass effect? ____
 1. Mineralization? ____
 2. Adjacent Fluid? ____
 3. Urethral calculi? ____ (Male dog – caudal perineal evaluation? ____)
- b. Genital
 - i. Ovaries? ____
 1. Mass effect? ____
 2. Teratoma? ____
 - ii. Uterus? ____
 1. Uterine enlargement? ____
 - a. Generalized? ____; Segmentation? ____; Fetal Structures? ____
 - i. Evidence of Fetal death? _____
 - iii. Prostate? ____
 1. Enlarged? ____
 2. Normal size for castration? ____ (not visualized? ____)
 3. Mineralization? ____
 4. Paraprostatic cysts? ____
 - iv. Testes
 1. Scrotal location? ____
 2. Abdominal Retained Testicle with Mass effect? ____
- c. Adrenal
 - i. Adrenal Mass?
 1. Left or Right? ____
 2. Mineralization? ____
 3. Effusion? ____

- d. Lymph Node (s)
 - i. Medial Iliac Lymph Node
 - 1. Mass? ____
 - 2. Fluid? ____
 - ii. Mesenteric Lymph Node Enlargement? Yes ____ OR No ____?
 - 1. Mass Effect – midabdomen? ____
 - 2. Fluid Accumulation? ____

Summary of Findings:

Abnormalities:

DDX or Specific DX:

Next Step?