

Systematic approach to abdominal radiology



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Diagnostic Mindset

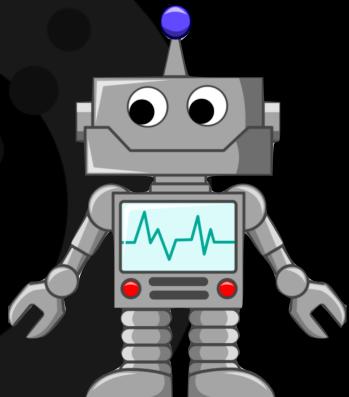
Objectives

1. Optimise the exposure
2. Optimise the positioning
3. Systematic evaluation



How to reduce the mistakes:

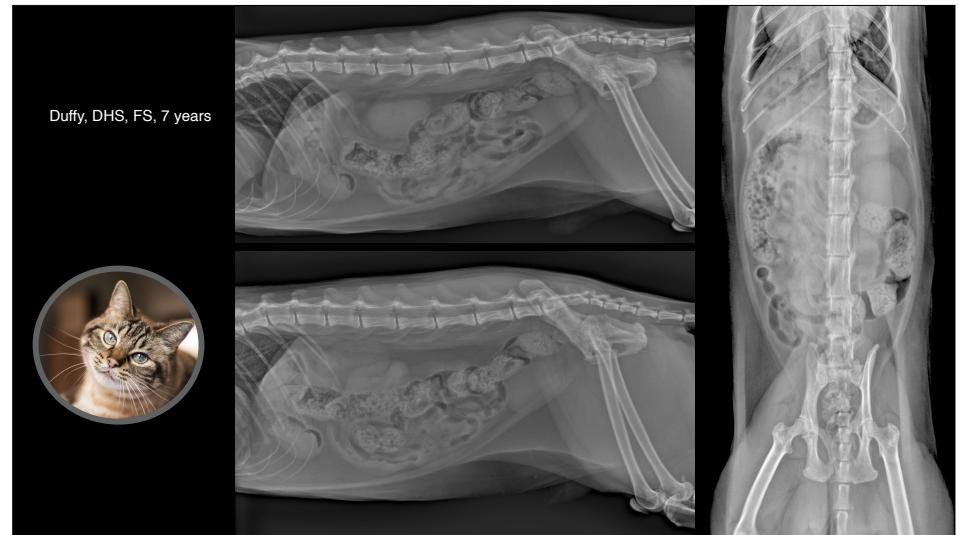
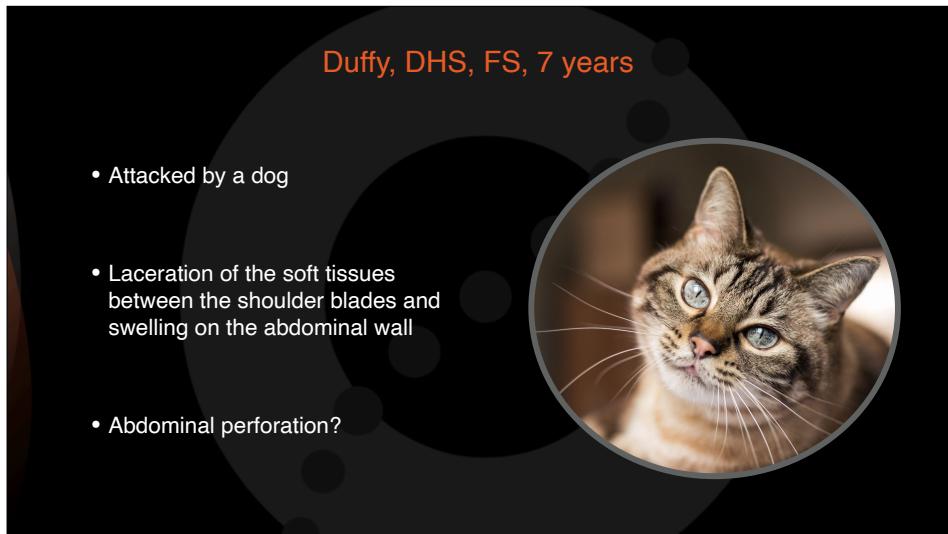
- To be systematic !



• Valutazione sistematica

QUALITÀ	OK	NON OK	COMMENTI
ESPOSIZIONE	OK	NON OK	
POSIZIONAMENTO	OK	NON OK	
IDENTIFICAZIONE	OK	NON OK	
Sviluppo	OK	NON OK	
ARTEFATTI	OK	NON OK	
INTERPRETAZIONE	OK	NON OK	
TESSUTI MOLLI EXTRA-ABDOMINALI	OK	NON OK	
STRUTTURE OSSEE	OK	NON OK	
PARTE ADOMINALE	OK	NON OK	
TORACE CAUDALE	OK	NON OK	
DIAPRAGMA	OK	NON OK	
FEGATO	OK	NON OK	
MILZA	OK	NON OK	
STOMACO	OK	NON OK	
PANCREAS	OK	NON OK	
PICCOLO INTESTINO	OK	NON OK	
GROSSO INTESTINO	OK	NON OK	
CAVITA' PERITONEALE	OK	NON OK	
SPAZIO RETROPERITONEALE	OK	NON OK	
RENI	OK	NON OK	
VESICA	OK	NON OK	
PROSTATA	OK	NON OK	

UTERO ED OVAIE	OK	NON OK	
LINFONODI	OK	NON OK	
SE TUTTO OK			ADDOME NEI LIMITI DELLA NORMA
DIAGNOSI RADIOGRAFICA			
DIAGNOSI DIFFERENZIALI			
COME CONTINUARE			



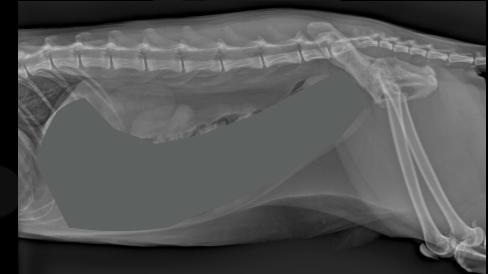
Systemic evaluation: 1

- Extra-abdominal structures:
 - Thorax
 - Vertebral column
 - Pelvis and hind limbs
 - Subcutaneous tissues
 - Abdominal walls



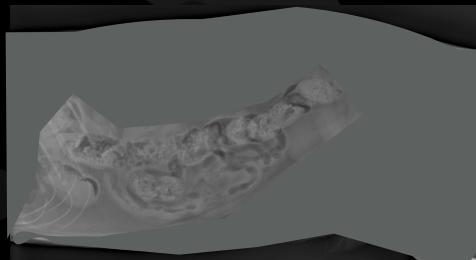
Systemic evaluation: 2

- Retroperitoneal space



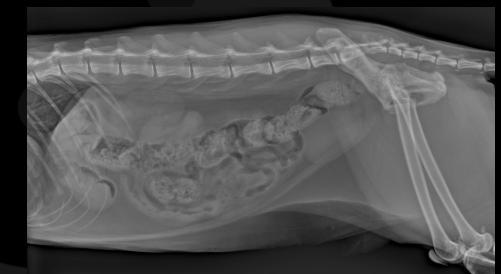
Systemic evaluation: 3

- Peritoneal space:
 - How is the detail?
 - How is the contrast?



Systemic evaluation: 4

- The abdominal organs:
 - Evaluation by Roentgen numbers

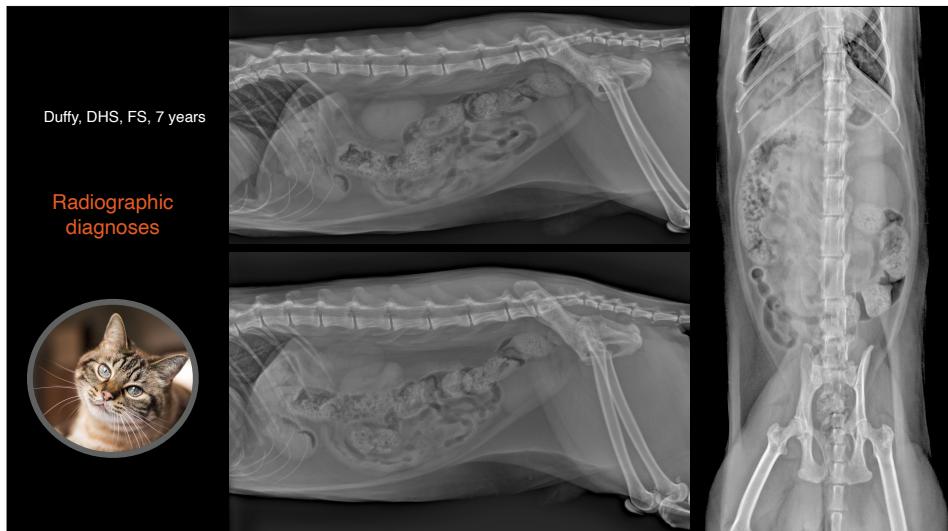
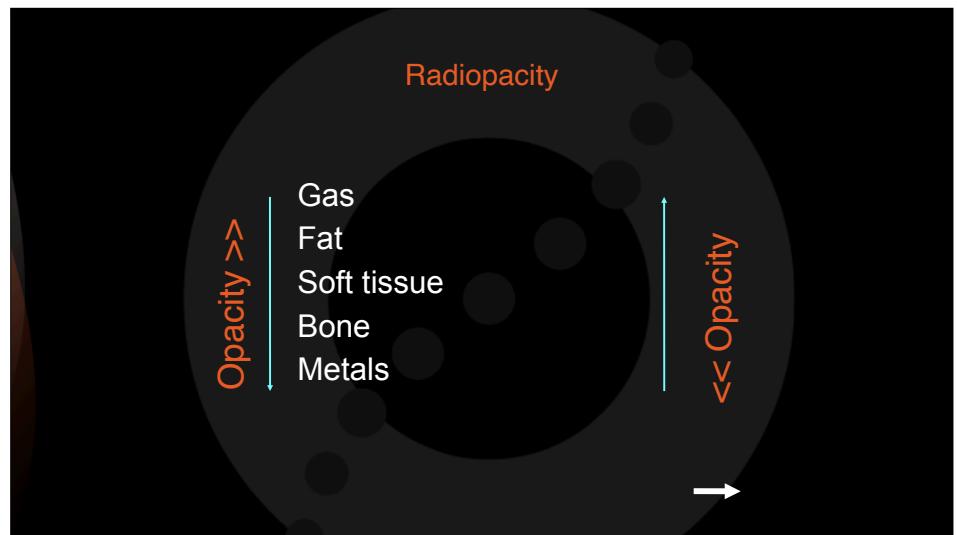


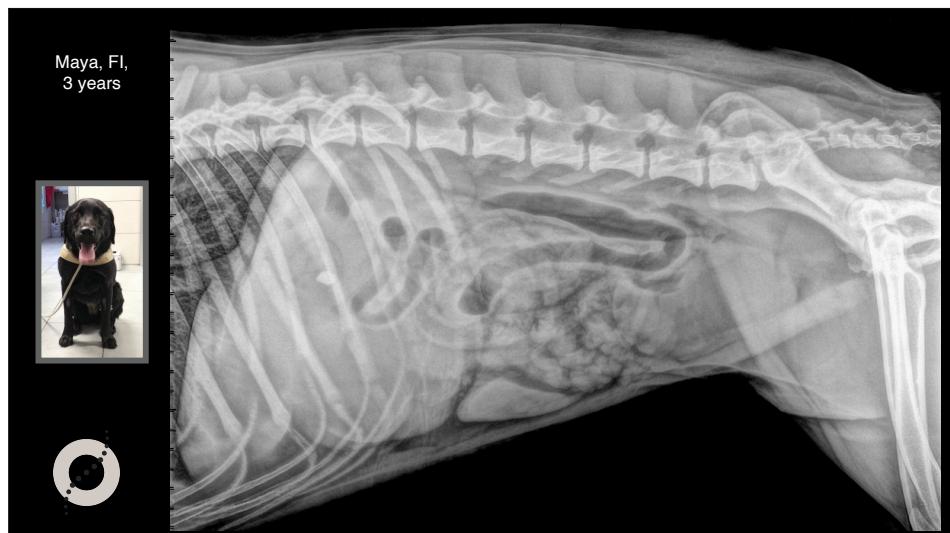
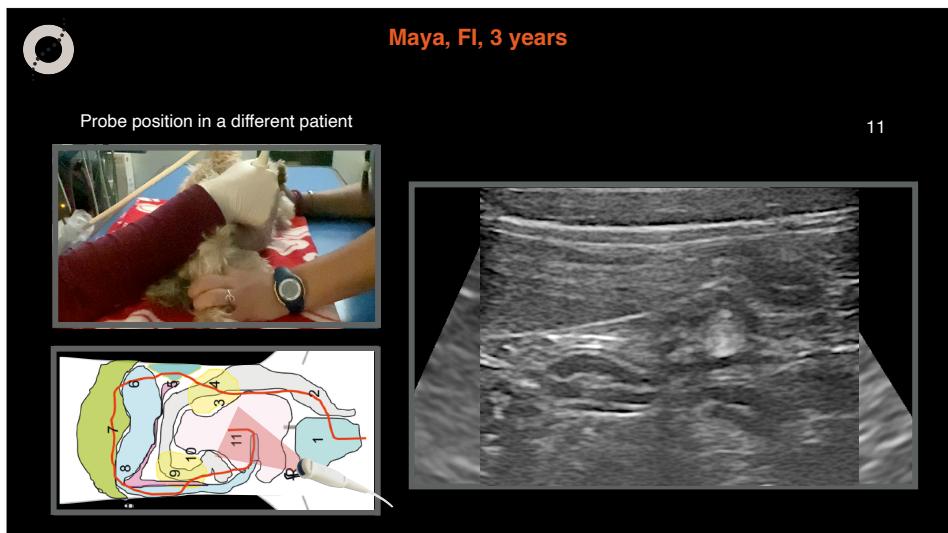
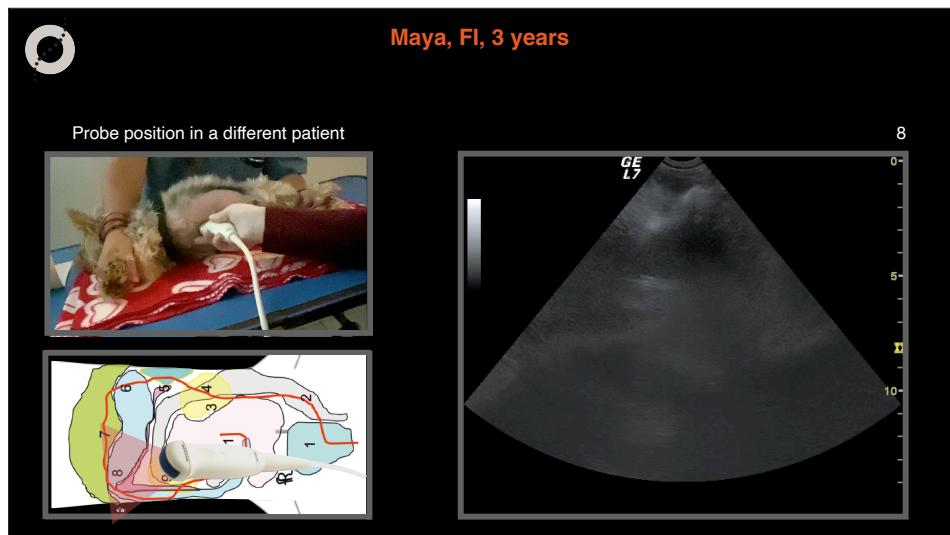
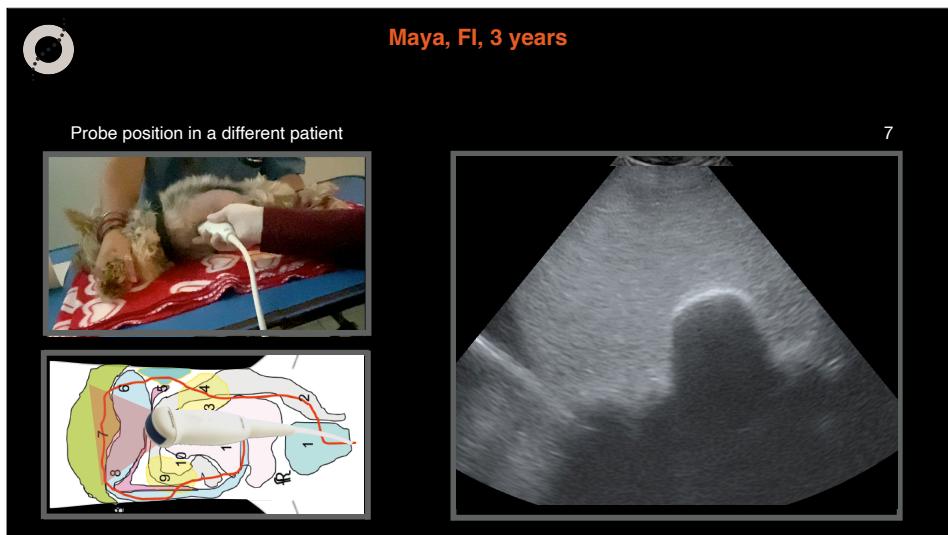
Roentgen Numbers

- Opacity
- Size
- Shape
- Margins
- Position
- Numbers



You need to know the normal to be able to understand the abnormal

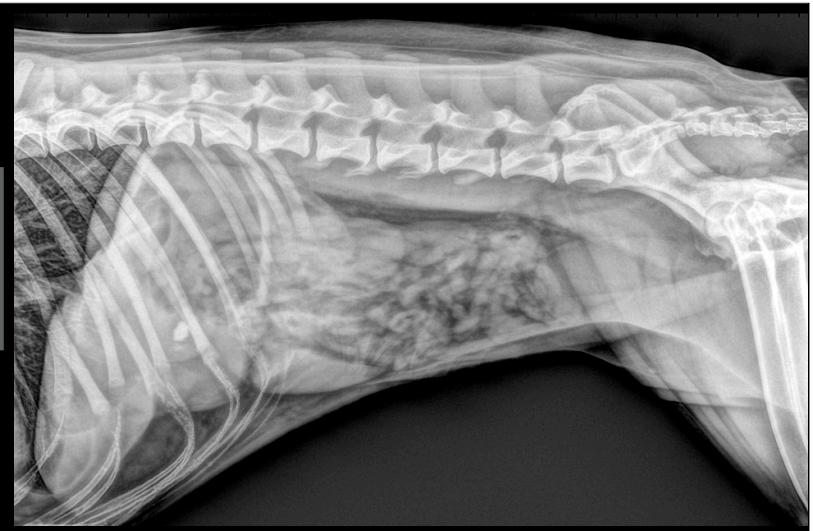




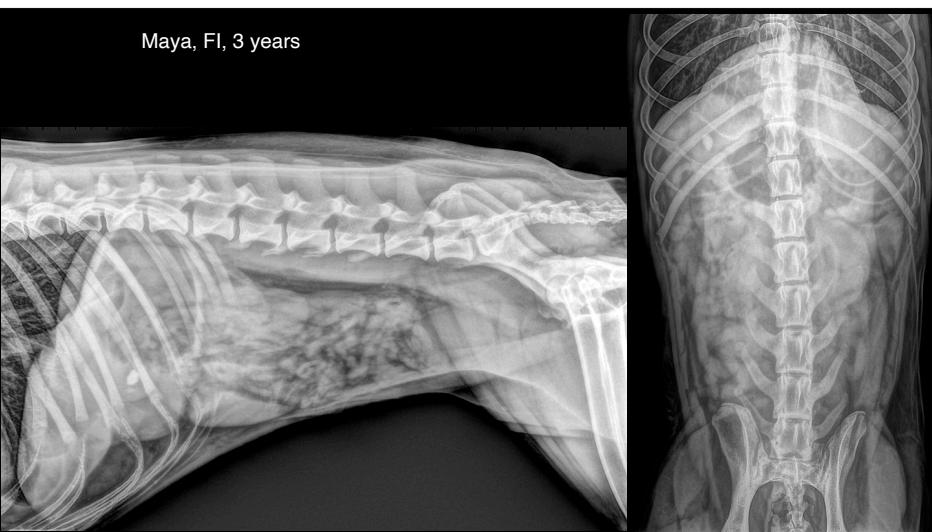
Maya, FI, 3 years



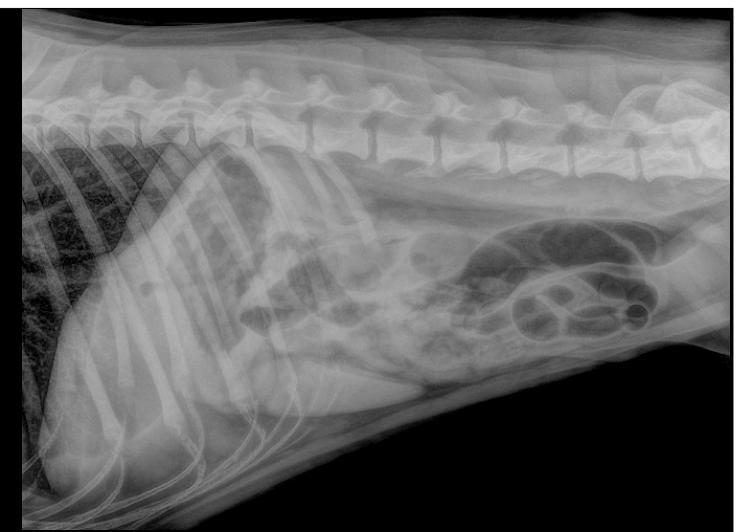
Maya, FI,
3 years

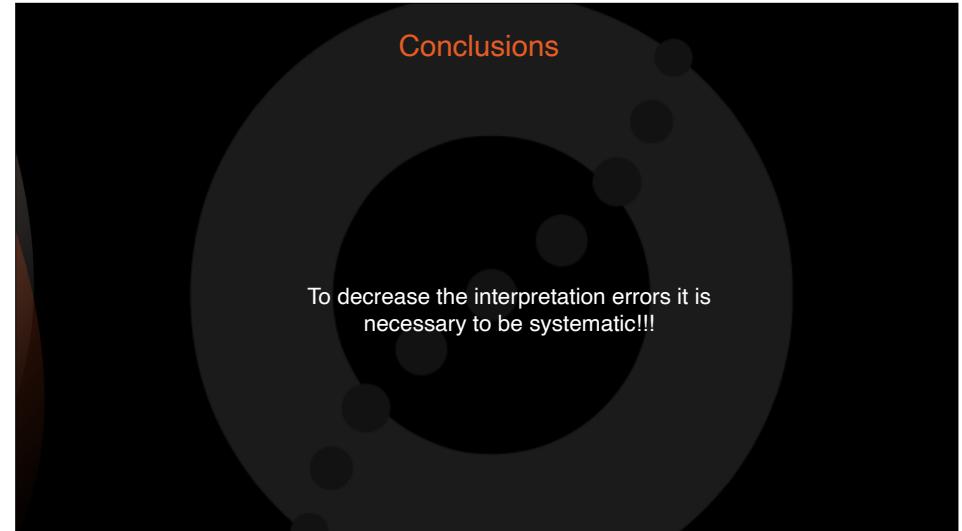
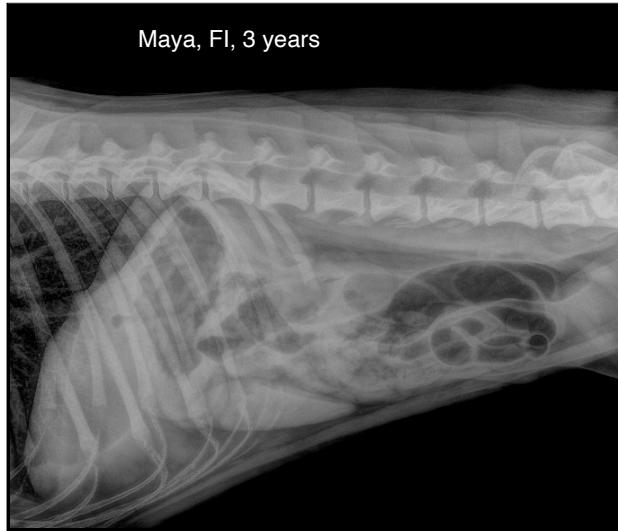


Maya, FI, 3 years



Maya, FI,
3 years





To decrease the interpretation errors it is necessary to be systematic!!!

