



Clio DR

X-ray acquisition software

Why not upgrade your existing Radiography to DR?

The Affordable DR Backfit Solution

- As the detector and generator synchronise automatically by means of AED there is no need to modify the X-ray system or adapt the system or the cable connections
- Excellent image quality due to high DQE, large dynamic range and very low noise
- "CsI direct deposition" technology optimises digital signal processing and ensures excellent image quality at a low X-ray dose
- Easy operation and integration due to a single cable for power, network and synchronisation
- Multiple plates and solutions available



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Operation

of the acquisition software

A single click opens the X-ray positioning guide for horses, dogs and cats

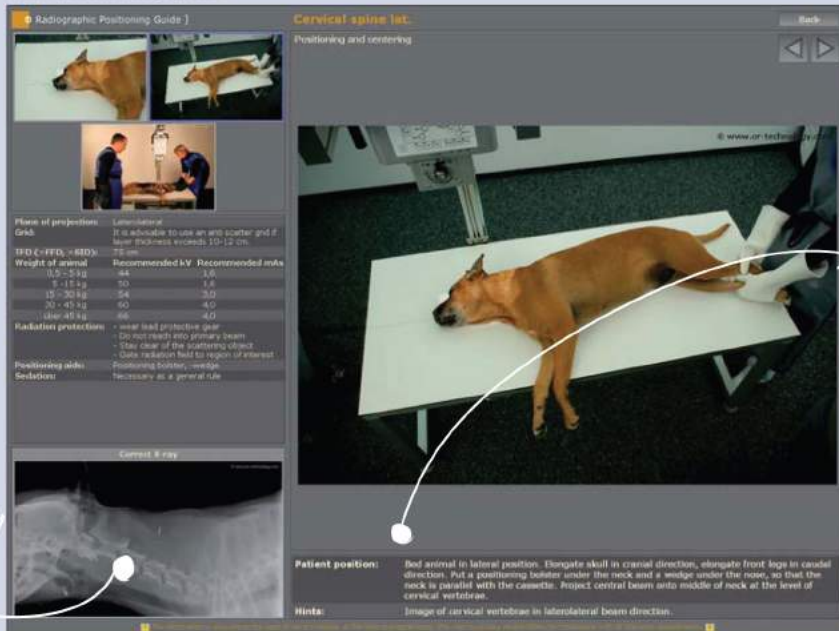
Job planning



Diagram for planning a specific X-ray job

Switch to planning X-ray jobs for cats, horses or small animals/exotic animals

X-ray positioning guide



Provides numerous hints on patient positioning, central ray, tips and tricks, common mistakes etc.

Shows an image of a correct X-ray examination

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Clio DR

X-ray aquisition software

- user friendly graphic interface
- intuitive operation by touchscreen

Generator control

operator: Jenny
Muster, Kurty / Lotte Nov 23, 2000

Skull, Thoracic spine

GierthRHF200 FFD: 75 cm 40 mA

44 kV 60 ms 2.4 mAs

kg cm

without plaster

Generator is ready.

plan edit exposure 0/5

Image	Plan	Part	AP	kV	mAs
	Skull lat.	skull	DAP	44 kV	2.4 mAs
	Skull vd	skull	DAP	46 kV	2.4 mAs
	Maxilla (oblique)	jaw	DAP	44 kV	2.4 mAs
	Thoracic spine lat.	spine...	DAP	50 kV	1.6 mAs
	Thoracic spine vd	spine...	DAP	50 kV	1.6 mAs

finish study

The generator panel displays all values and settings (kVp, mAs, focus etc.) recommended for a specific examination

Preview of the X-ray image and worklist

operator: Jenny
Muster, Kurty / Lotte Nov 23, 2000

Skull, Thoracic spine

100%

plan edit exposure 4/5

Image	Plan	Part	AP	kV	mAs
	Skull lat.	skull	DAP	44 kV	2.4 mAs
	Skull vd	skull	DAP	46 kV	2.4 mAs
	default		DAP	46 kV	2.4 mAs
	Maxilla (oblique)	jaw	DAP	44 kV	2.4 mAs
	Thoracic spine lat.	spine...	DAP	50 kV	1.6 mAs
	Thoracic spine vd	spine...	DAP	50 kV	1.6 mAs

finish study

Preview of the current X-ray image

Image processing

Automatic image processing for optimal quality

- Perfect images at all times - generally **no adjustment** required
- Integrated software for **automatic image optimisation**
- Professional, **adaptable image processing** for each individual examination to obtain best possible image settings for the needs of each customer
- Due to specially developed processes, the image processing allows the user to **vary the X-ray settings on a large scale** while the image quality remains virtually the same (**possibility of reducing the dosage**)
- **Bones and soft tissue** in one image - this enables the user to significantly improve his diagnosis
- **Details of bones and microstructures are very easy to recognise**
- Noise suppression
- **Black mask** (automatic shutters)
- Automatic **removal of grid lines** when using fixed grids



Exposure with standard image processing



Exposure with dicom PACSDX-R image processing

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