

The vet arrives at the stables with the vehicle after an emergency call has been received from the horse owner. The horse is not fit for transport.



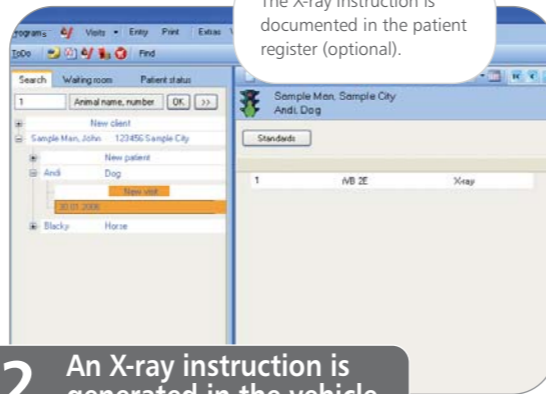
1. Arrival of the X-ray vehicle

The X-ray vehicle carries a CR system and a high resolution monitor for diagnosing X-ray exposures, securely packed for transport.



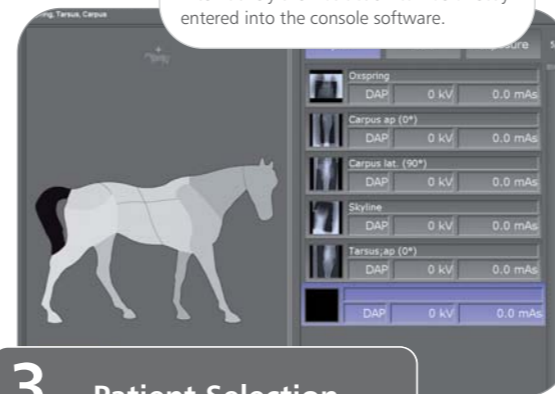
2. An X-ray instruction is generated in the vehicle

The X-ray instruction is documented in the patient register (optional).

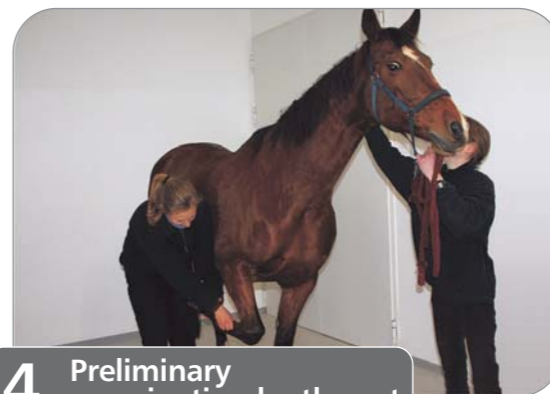


3. Patient Selection

The X-ray instruction from the practice management system appears automatically on the monitor of the CR console (optional). Alternatively the instruction can be directly entered into the console software.



4. Preliminary examination by the vet



5. X-raying the horse

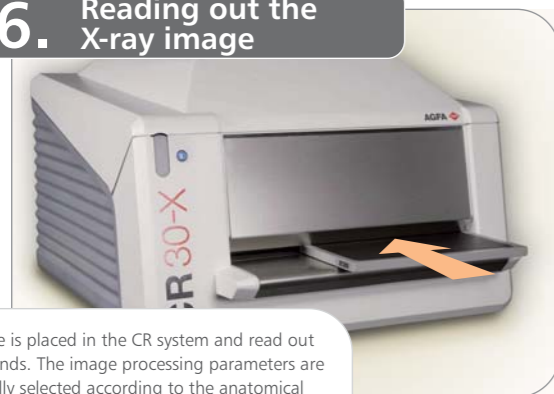
The prescribed region is X-rayed with the transportable radiography system in accordance with the X-ray instruction.



Step by step

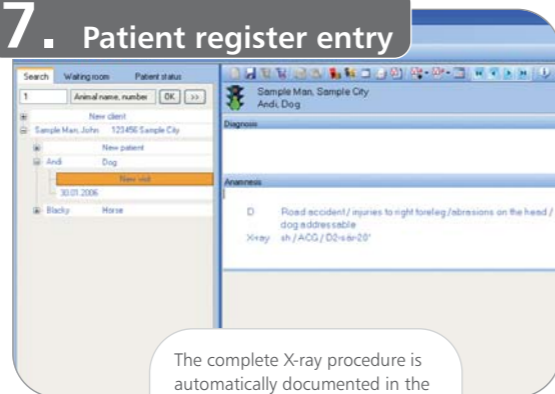
mobile X-ray with a computed radiography system

6. Reading out the X-ray image



The cassette is placed in the CR system and read out within seconds. The image processing parameters are automatically selected according to the anatomical region. Adjustments like rotation, inversion, contrast, brightness or parameter modifications can be applied on screen.

7. Patient register entry



The complete X-ray procedure is automatically documented in the patient register (optional).

8. The digital X-ray image



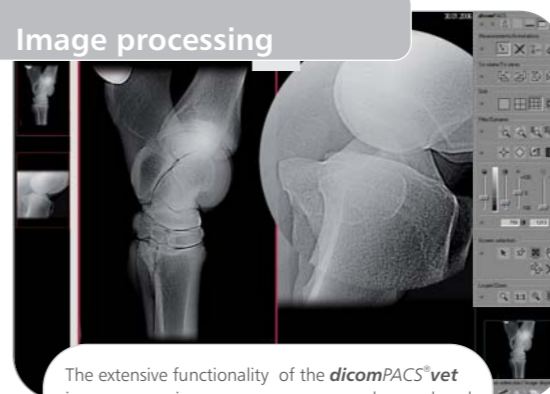
The top quality X-ray exposure is now available at the diagnostic workstation in the vehicle.

9. Diagnosis



The X-ray images are examined at a high resolution monitor inside the vehicle and the patient's therapy determined.

Image processing



The extensive functionality of the **dicomPACS[®]vet** image processing programme can now be employed. Contrast enhancement or magnification can reveal additional detail.

10. Despatching X-rays



X-rays (with free viewing software) can be burned onto a CD in original quality and given to the animal handler.