



Versatile chair for X-ray examinations



CASE STORY

PLACE:

Aalborg Universitetshospital

DEPARTMENT:

Department of radiology

RADIOGRAPHER:

Elsebeth Hergaard

The Radiology department is a highly specialised department conducting 220,000 examinations and treatments annually. This department receives patients from the emergency reception and various wards. Patients are referred here for examinations of all parts of the musculoskeletal system, severe scoliosis and lung examinations. Most patients can walk and are self-reliant, but because several patients have mobility problems or have difficulties walking they need to be seated and supported for examination.

Prior to the patient's arrival at the department, the radiographer learns about the patient's diagnosis, mobility level and the needed examination – and the patient chair is made ready. The patient sits in the chair and the radiographer moves the chair to the examination table and X-ray equipment. The chair's brake is applied and the chair height is adjusted in relation to the examination table and equipment.

DAILY CHALLENGES

- :: To move the patient and place the patient correctly in relation to the equipment for different examinations.
- :: To place the seated patient easily and quickly at the equipment.
- :: To give the patient sufficient stability and support during the examination for successful X-ray imaging.
- :: To minimise manual lifts and moves of patients.



THE RADIOGRAPHER ABOUT VELA TANGO X-RAY CHAIR



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- :: The chair is easy and quick to move around in the room, and easy to place at different types of radiology equipment. Also the patient is easy to move and turn in the chair.
- :: The central brake is really good. It is quickly and easily activated with the foot-operated lever at the back. The chair is completely stable when the brake is applied. This provides safety and stability for both patients and staff.
- :: Electric height adjustment of the seat means easy and fast adjustment in relation to examination table and equipment.
- :: The patient is comfortable and stable, as the chair has an ergonomic, upholstered seat; a small adjustable back which supports the patient; and height adjustable arm rests. Even patients suffering from scoliosis can sit in the chair for examination.
- :: With the small back adjusted to the lowest position it is even possible to conduct lung examinations if the patient needs to be seated. The arm rests can easily be adjusted to seat level allowing a full view of the whole body.