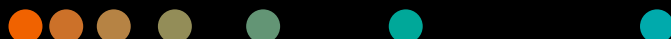
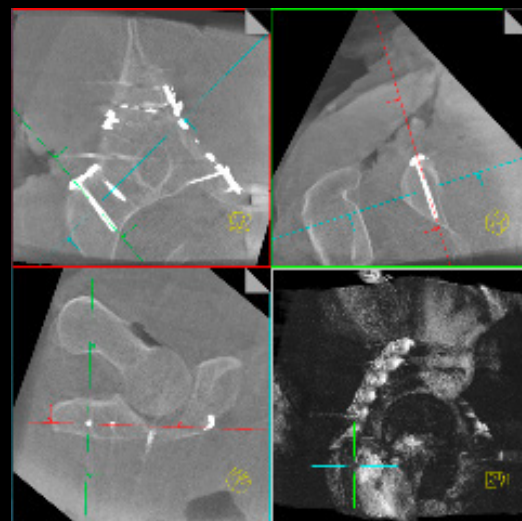


Study protocol

Acetabulum fracture

Ortho/trauma surgery



Case description

Patient history

Female, age 18-30 years.
Jumped from height of six meters,
landing on both feet. Sustained
ability to move legs. No neurological
deficits.

Diagnosis

Letournel type 8 fracture of the
right acetabulum (Fig. 1)

Surgical procedure

ORIF – modified Stoppa approach:
open reduction using low profile
plate (Figs. 2-5)

Courtesy of

BG Trauma Center Ludwigshafen,
Germany

System

Cios Spin mobile C-arm

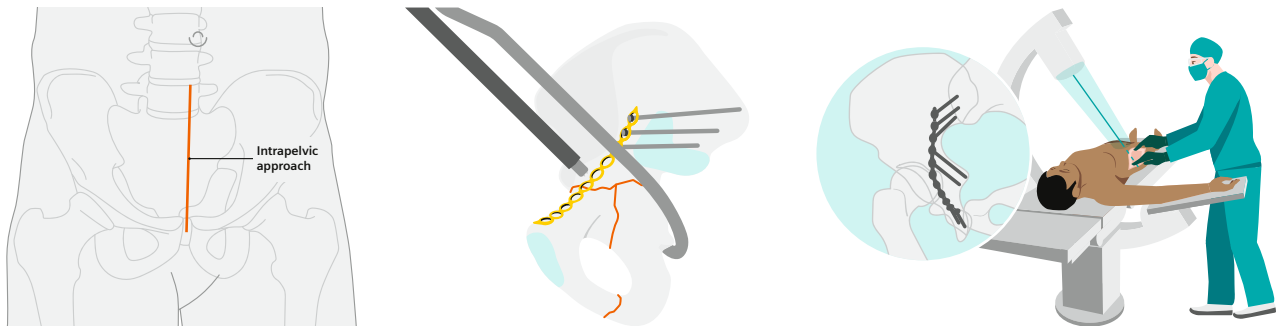
Clinical images and illustrations

Fig. 1



Preoperative X-ray image: AP view of pelvis. Right sacral fracture. Bilateral anterior ring fracture. Right acetabular fracture.

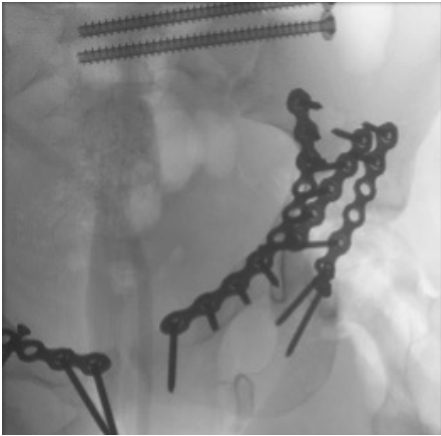
Fig. 2



ORIF – modified Stoppa approach

Clinical images

Fig. 3



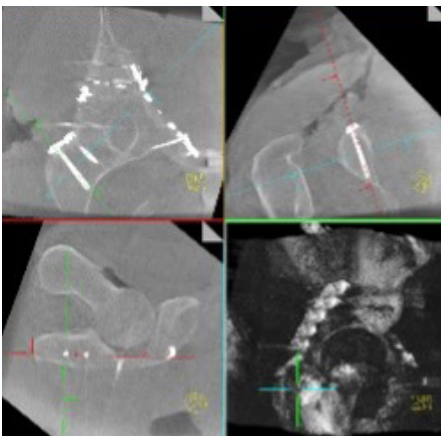
AP view of pelvis: good field of view. Good contrast despite metal objects. Anatomical reduction. Correct implant position

Fig. 4



Ala/oblique view of pelvis: satisfactory field of view. Anatomical reduction. Correct implant position

Fig. 5



3D scan of right pelvic region: satisfactory contrast of bony structures despite metal-induced artifacts thanks to the metal artifact reduction algorithm. With the help of Screwsout the screws are detected automatically and presented in three planes at the click of a button

The information presented in the study protocol is for illustration only and is not intended to be relied upon by the reader for instruction as to the practice of medicine. Any healthcare practitioner reading this information is reminded that they must use their own learning, training, and expertise in dealing with their individual patients. This material does not substitute for that duty and is not intended by Siemens Healthineers to be used for any purpose in that regard.

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