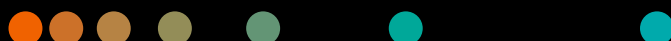
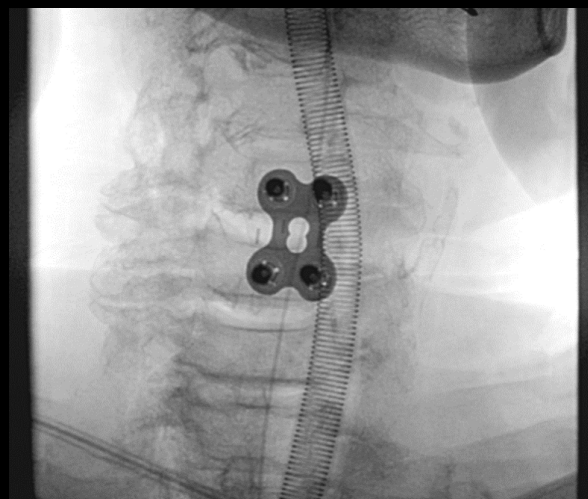


Study protocol

Cervical spine dislocation C4–C5

Spine surgery



Courtesy of

University Hospital Ulm,
Germany

System

Cios Alpha mobile C-arm

Case description

Patient history

72-year-old female; collapsed due to vertigo at home; transport to emergency unit

Diagnosis

Cervical spine injury with ligament injury and disc instability C4–C5 (Figs. 1–2)

Surgical procedure

Patient is in supine position with lead vest.

- Radiolucent carbon OR table
- Incision from anterolateral edge
- Intraoperative check by fluoroscopy ap + lateral (Figs. 3–4)

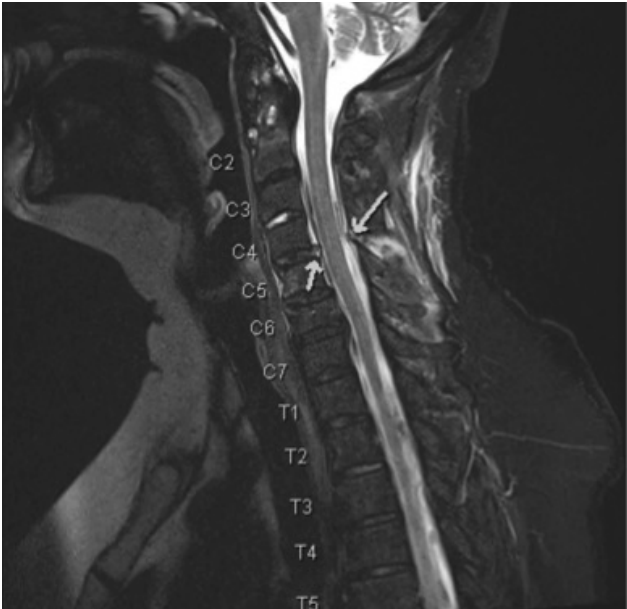
Clinical images

Figure 1



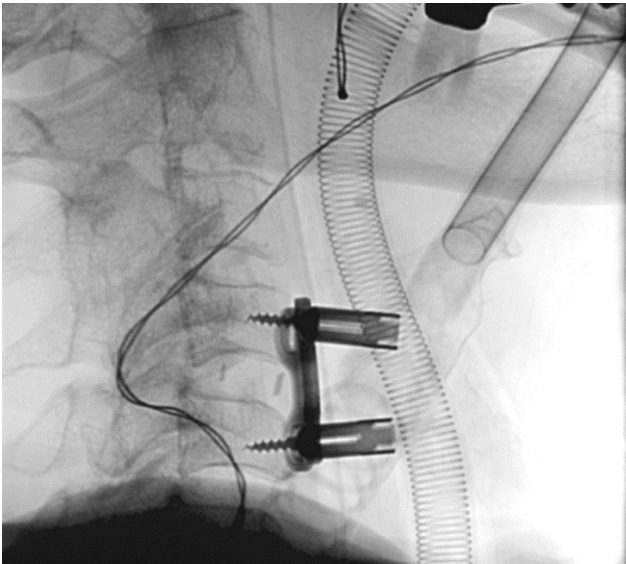
CT: Step between C4/C5

Figure 2



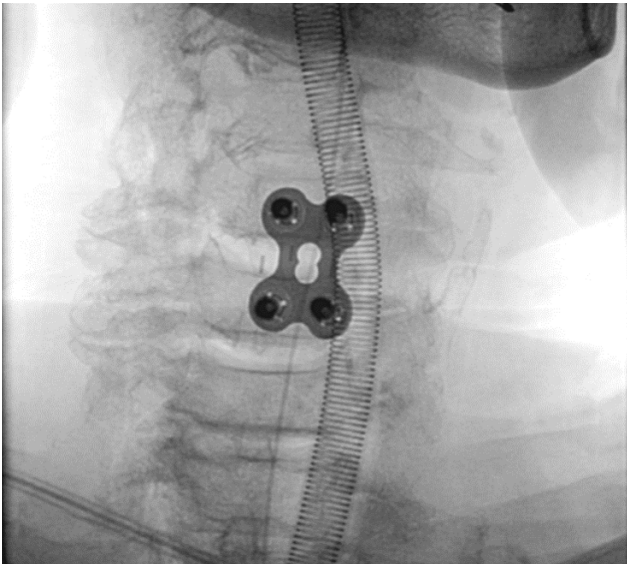
MRI: Anterior and posterior ligament injury as well as disc disruption

Figure 3



Lateral view of intraoperative result

Figure 4



Anterior view of intraoperative result

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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Siemens Healthineers Headquarters

Siemens Healthineers AG
Siemensstr. 3
91301 Forchheim, Germany
Phone: +49 9191 18-0
siemens-healthineers.com