

“Y” Shaped Sacral Fragility Fracture Treatment with the Curvafix® IM System

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CASE PRESENTATION

A 68-year-old female with some dysmorphism and mild osteoporosis had a fall in the shower, resulting in a Y-shaped sacral fracture and non-displaced fractures of the superior and inferior pubic ramus.

CASE PLANNING

Fixation in S1 was required because S2 was distal to the transverse component of the sacral fracture.

FIXATION

A standard 7.3-mm screw was inserted at the left hemipelvis. Then, a CurvaFix IM Implant (140 mm in length) stabilized the Y-shaped sacral fracture across S1-2.

FOLLOW-UP

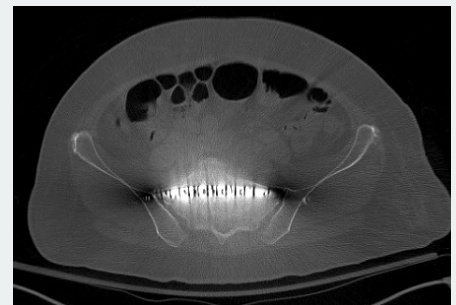
At 2 weeks, the patient was ambulatory with paracetamol for pain.

At 6 weeks, the patient was walking well with no pain.

At 3 months, the patient's fractures were healed and the patient was asymptomatic.



Preoperative CT



Postoperative CT



Postoperative – Outlet view



3-month follow-up – Outlet view

KEY POINTS

- Safe placement of transiliac-transsacral fixation in S1 of a dysmorphic pelvis would not have been possible with a straight screw.
- A CurvaFix Implant in S1 provided fixation without need for lumbopelvic stabilization with spinal implants.