CASE STUDY

Crush Injury of the Pelvis

Treatment with the Curvafix® IM System

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CASE PRESENTATION

A 32-year-old male sustained multiple injuries after being crushed by a falling load on a pallet.

DIAGNOSIS

Left subtrochanteric fracture, left zone 2 sacral fracture, and bilateral pubic ramus fractures.

It was critical to provide stable internal fixation of the pelvic ring, particularly in light of an associated lung injury.

CURVAFIX IM IMPLANTS

- 130 mm (length) implant across the left sacral fracture
- 120 mm (length) implant in the right pubic ramus
- 110 mm (length) implant in the left pubic ramus

FOLLOW-UP

After the procedure, the patient was toe touch weight bearing on the left side and weight bearing as tolerated on the right side. The patient was discharged home in less than a week.

At 8 weeks, the fracture reduction was maintained, there was no loosening of the implants, and all fractures were healed. The patient was able to ambulate with a walker and advanced to weight bearing as tolerated on the left side. At 12 weeks, the patient was walking with a limp, but making progress with physical therapy with returning to normal gait mechanics.

8-WEEK FOLLOW-UP

AP view | Outlet view | Inlet view

Preoperative CT

Preoperative CT

Preoperative

KEY POINTS

- Three CurvaFix IM Implants were implanted percutaneously in 70 minutes.
- CurvaFix IM Implants provided stable internal fixation in a patient with multiple significant injuries, and the patient tolerated the procedures very well.
- The patient was able to go home in less than a week.