**Fusion achieved using ViviGen:**

All patients achieved fusion within 7.5 to 10 weeks and were weight bearing within 2 to 3 months.

**No complications:**

No complications were reported in any of the cases with a follow up time ranging from 8 to 20 months.

**Effective approach for foot and ankle:**

The clinical outcomes from this study support ViviGen as an effective approach for achieving fusion in multiple types of foot and ankle procedures.

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**Preoperative and postoperative radiographs showing complete fusion**

Preoperative

Left: (A) Preoperative anterior-posterior, (B) mortise, and lateral (C) weight bearing ankle radiographs demonstrating end-stage ankle, subtalar and midtarsal degenerative joint disease, secondary to complex clubfoot deformity and subsequent surgeries.

20 months Postoperative

Right: (A) postoperative 20-month anterior-posterior, (B) mortise, and lateral (C) weight bearing ankle radiographs demonstrating complete osseous bridging across the ankle and subtalar joint arthrodesis sites as well as mature osseous integration of the fibula against the tibia, talus and calcaneus.