GOAL: To understand the current state of orthobiologic and related technology in the field of foot and ankle fusion surgery.

OUTLINE: Bone Formation—Fusions

1. Update on familiar orthobiologics in orthopaedic surgery
   a. rhPDGF
   b. BMP-2

2. Update on newer potential orthobiologic technologies
   a. PTH 1-34 (Forteo)
   b. Sclerostin
   c. 5-LO (Lipoxygenase inhibitor)
   d. ? Platelet Gel
   e. VEGF/BMP2 Adenovirus Vectors
   f. Cell Mediated Concepts

3. The future of fusion assessment—forget the x-ray?

4. Related concepts