**Appendix 2.** PowerPoint Hints for SawBones Procedure

1. Pickup driver, attach guidewire, tighten the chuck, and insert at a 10° angle sagittally into the posterior part of tibia
2. Drill into tibia 8 cm to 10 cm and detach driver from inserted guidewire
3. Attach 12-mm entry reamer onto driver
4. Drill into tibia over guidewire 8 cm to 10 cm
5. Remove driver, entry cannula and guidewire
6. Put together targeting handle and impactor
7. Use connecting bolt to attach tibial nail and impactor
8. Screw in connecting bolt using connecting bolt inserter
9. Place assembled tibial nail as far into the tibia as it goes by hand
10. Take mallet and hit tibial nail further into tibia
11. Place proximal locking jig onto tibial nail insertion handle
12. Place assembled screw cannula into ST slot
13. Put drill sleeve into screw cannula
14. Take driver with 4.3-mm drill bit and drill into tibia but not to penetration of lateral leg
15. Remove drill and drill sleeve
16. Pick up modular screwdriver and place screw onto it
17. Using the ST slot, screw the screw into the bone
18. Pull out screwdriver leaving screw in the bone
19. Use the connecting bolt inserter to unscrew connecting bolt of tibial nail
20. Remove the insertion assembly