Injury Models

Establishment of Lower Leg Collaboration with the Defence Science and Technology Laboratory (DSTL) under the Armor Technology Working Group (ATWG)

In FY14, a working collaboration was established between USARL and the United Kingdom's DSTL under the ATWG. As part of this effort, FE models of the lower legs used to predict injury have been exchanged between institutions, and complementary simulations are underway to establish critical features for accurate injury prediction. This accomplishment will provide additional resources for modeling LE injuries to the Warfighter, and will open a dialogue on the subject between scientists in the US and United Kingdom.