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http://dx.doi.org/10.2106/JBJS.L.00164

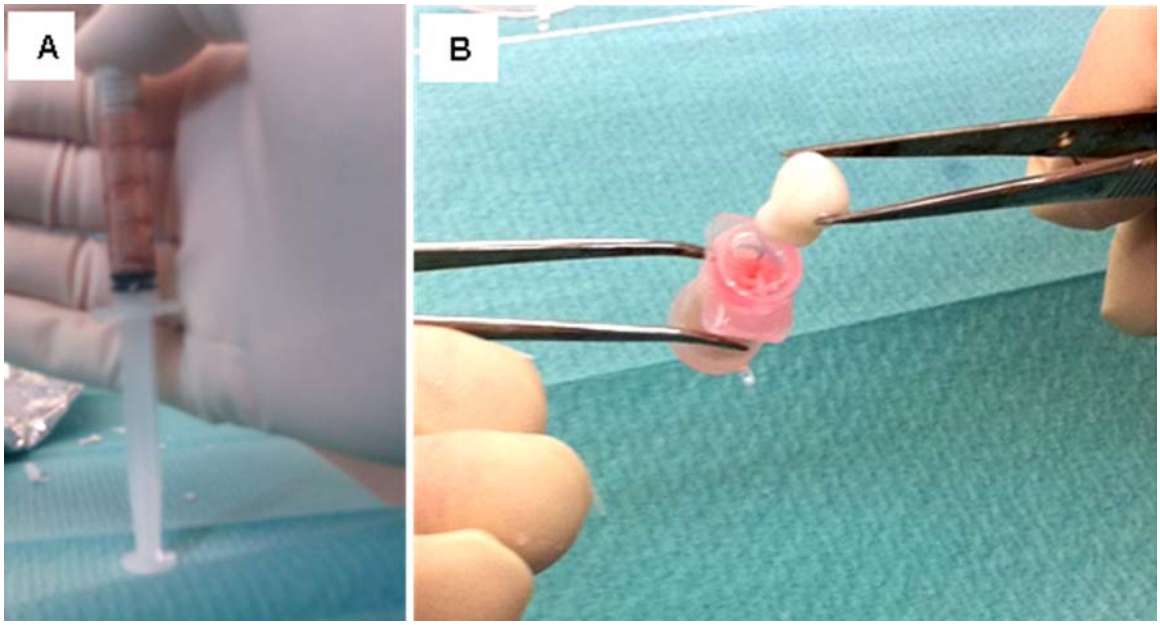

Fig. E-1

Addition of cement to skeletal stem cell-seeded constructs. **Fig. E-1A** Photograph demonstrating the procedure for compression of the allograft onto the curing bone cement with use of the syringe plunger (study 1). **Fig. E-1B** Placement of cement into a modified electron-microscopy pot containing skeletal stem cell-seeded allograft as described in study 2.

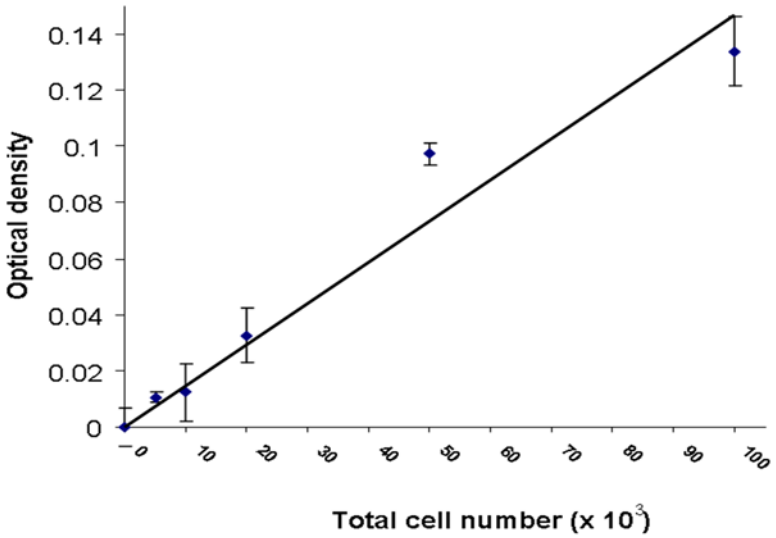

Fig. E-2

Graph showing a standard curve for mean optical density values (± SD, n = 3) of WST-1 substrate after four hours of incubation with M89 cells of increasing number. Black line = best fit.

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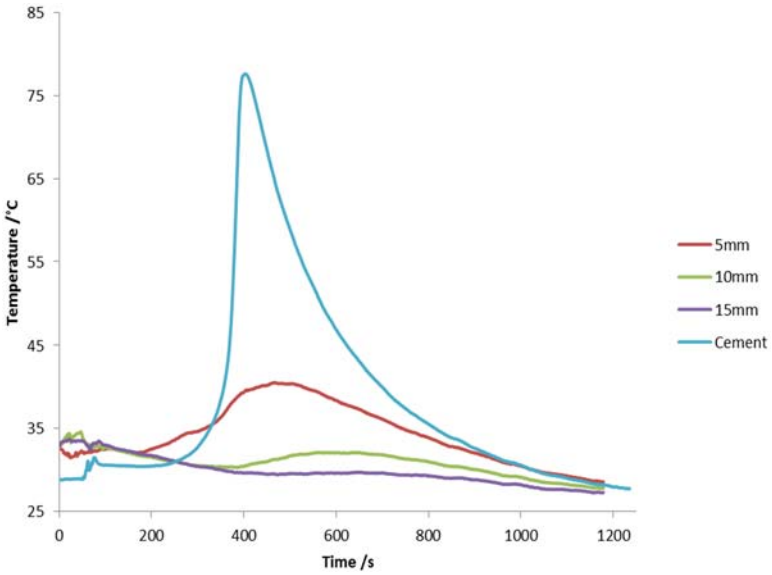

Fig. E-3

A typical graph displaying temperature change against time at incremental distances from the cement in one of the polymer specimens during the curing process.