

Day 1

Day 5

Day 10

Fibrin and blood clot
(Test $\approx$ Control)

Heterophils, macrophages, Giant
cells / Osteoclasts
(moderate inflammation)
(Test $\approx$ Control)

Decrease of inflammation
(Test $\approx$ Control)

Heterophils and macrophages
(moderate inflammation)
-Cellular migration-
(Test $\approx$ Control)

Fibrinolysis
(Test $\approx$ Control)

Fibrin
(Test $\ll$ Control)

**Active fibroplasia / mesenchymal
tissue formation**
(Replacement of the fibrin matrix)
-Proliferation-
(Test $>$ Control)

**Extensive fibroplastic and
mesenchymal tissue**
(support of bone growth)
(Test $>$ Control)

**Osseous buds
with osteoprogenitor cells**
-Differentiation-
(Test $>$ Control)

**Active osteoblasts and woven
bone ingrowth /
Osteointegration**
(Test $>$ Control)

