Day 1

Fibrin and blood clot (Test ≈ Control)

Heterophils and macrophages (moderate inflammation) -Cellular migration- (Test ≈ Control)

Day 5

Heterophils, macrophages, Giant cells / Osteoclasts (moderate inflammation) (Test ≈ Control)

Fibrinolysis (Test ≈ Control)

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

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

Day 10

Decrease of inflammation (Test ≈ Control)

Fibrin (Test << Control)

Extensive fibroplasic and mesenchymal tissue (support of bone growth) (Test > Control)

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