



Figure 5: Osteogenic effect reached a plateau and was restricted to the side of load application. (A) Graph shows Bone Volume fraction (BV/TV) of animals that received static or dynamic load for 28 and 56 days. Each value presents mean \pm SEM of 6 samples. * Statistically different from Static Load group. (B) 3D μ CT reconstruction of the skull of rats that received dynamic, but not static, load on the right mandibular molars for 56 days show higher bone density in the condylar process closer to source of the load.