INTRODUCTION

Treatment and application - FDA approved for musculoskeletal disorders - Up-regulates neovascularization and osteogenic growth factor expression - Promotes osteoblasts and fibroblasts proliferation - Induces alveolar bone regeneration and accelerates consolidation in distraction osteogenesis

RESULTS

Evaluation - Faxitron and micro CT radiograph - H&E and TRAP staining - Fluorescence double labeling - Serum biochemistry

CONCLUSION

ESWT delays orthodontic tooth movement in rats and promotes osteoblast and osteoclast differentiation. ESWT exhibits no systemic effect on the rats’ osteoclasts after a single application.

FUNDING SOURCE

REFERENCES