

Supplementary Materials: Liposomal Encapsulation for Systemic Delivery of Propranolol via Transdermal Iontophoresis Improves Bone Microarchitecture in Ovariectomized Rats

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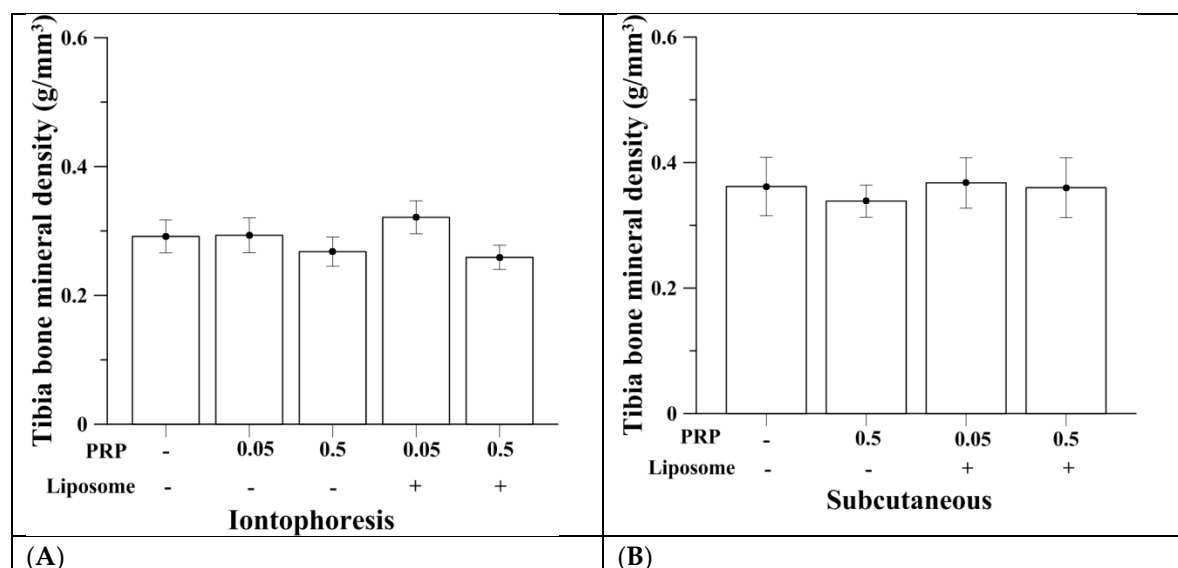


Figure S1. (A) Low-dose liposomal propranolol (PRP) (0.05 mg/kg) administered by iontophoresis ($n = 13$) slightly and insignificantly increased bone mineral density (BMD) in tibia; (B) Subcutaneous injection ($n = 8$) of pure or liposomal PRP did not show significant effects on tibia BMD.

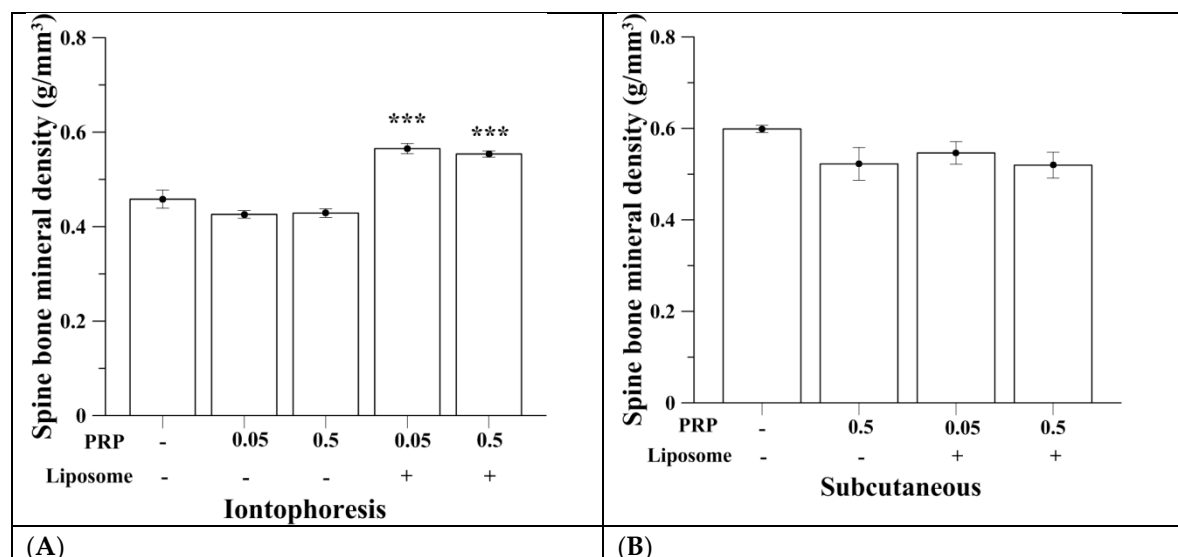


Figure S2. (A) Low-dose (0.05 mg/kg) and high-dose (0.5 mg/kg) liposomal PRP given by iontophoresis ($n = 13$) enhanced BMD in spine ($p < 0.001$); (B) Subcutaneous injection PRP of pure or liposomal forms ($n = 8$) did not have significant effects on spinal BMD.