**Figure S3: Motor Scores:** Motor scores (median) over a 96 hour period in a population of six research beagle dogs (five in the BLS treatment and six in the BUP-DEX). One sciatic nerve of each dog was assigned to be treated with either bupivacaine 0.5% plus dexmedetomidine (1 µg / mL) at a volume of 0.1 mL kg⁻¹ (BUP-DEX) or a bupivacaine liposome suspension (13.3 mg / mL) at a volume of 0.1 mL / kg) (BLS). The contralateral nerve was assigned to be treated with the alternate treatment. The scores (Y axis) vary from 0 (no evidence of block detected) to 2 (complete block). The time on the X axis is hours post block. Note the peak at 48 hours post blockade.