

## Table 1 Evaluation of articular cartilage (30 minute immersion)

| <b>Solution</b>    | <b>Intact Surface</b>       | <b>Damaged Surface</b>      |
|--------------------|-----------------------------|-----------------------------|
| 0.9% saline        | No chondrocyte death        | No chondrocyte death        |
| 0.125% bupivacaine | No chondrocyte death        | No chondrocyte death        |
| 0.25% bupivacaine  | No chondrocyte death        | Increased chondrocyte death |
| 0.5% bupivacaine   | Increased chondrocyte death | Increased chondrocyte death |

*The results of immersing bovine osteochondral cores in control and varying strength bupivacaine solutions for 30 minutes.*