

Registration Strategy for Veterinarian Medicine Application Utilizing Augmented Reality Devices

Rachel Dunn¹

Catherine Creighton and Nadja Bressan

¹ Faculty of Sustainable Design Engineering, University of Prince Edward Island

Abstract □ Peripheral nerve blocks can provide the same degree of analgesia as an epidural would; however, the process requires a lot of training. By utilizing augmented reality, the efficacy of peripheral nerve blocks will increase. **Clinical Relevance** □ This research establishes a new procedure to determine where to apply a peripheral nerve block, specifically on the sciatic and femoral nerves, in canines requiring orthopedic surgery.