

Lecture summaries

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Core ultrasound guided locoregional anaesthesia blocks

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Ultrasound-guided regional anaesthesia (UGRA) is a powerful tool in veterinary emergency and critical care, allowing effective analgesia while minimizing systemic drug requirements and their associated adverse effects. This presentation reviews the core UGRA blocks most applicable in emergency and ICU settings, focusing on indications, sonoanatomy, technique, and safety. Emphasis is placed on integrating UG-LRA into multimodal analgesia protocols for trauma, perioperative stabilization, and critically ill patients. Practical tips are provided to improve block success, reduce complications, and increase clinician confidence in time-pressured environments.

Learning goals

1. Understand the role of ultrasound-guided locoregional anaesthesia in improving analgesia and physiological stability in emergency and critical care patients.
2. Identify key sonoanatomical landmarks for commonly used core UG-LRA blocks in dogs and cats.
3. Select appropriate locoregional blocks based on patient presentation, injury pattern, and clinical priorities.
4. Recognize potential complications and safety considerations associated with UG-LRA in critically ill patients.