

# The development and launch of a Canine Cruciate Registry using validated Client Reported Outcome Measures (CROMs)

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## Who We Are

RCVS Knowledge's mission is to advance the quality of veterinary care for the benefit of animals, the public, and society. We meet this mission by championing the use of an evidence-based approach to veterinary medicine, inspiring a culture of continuous quality improvement in practice, and making our resources available to the profession and wider public. We are the charity partner of the Royal College of Veterinary Surgeons (RCVS)

## Working With



on the worlds first automated digital registry in veterinary medicine.

## Endorsed By



## Ethical Approval

From

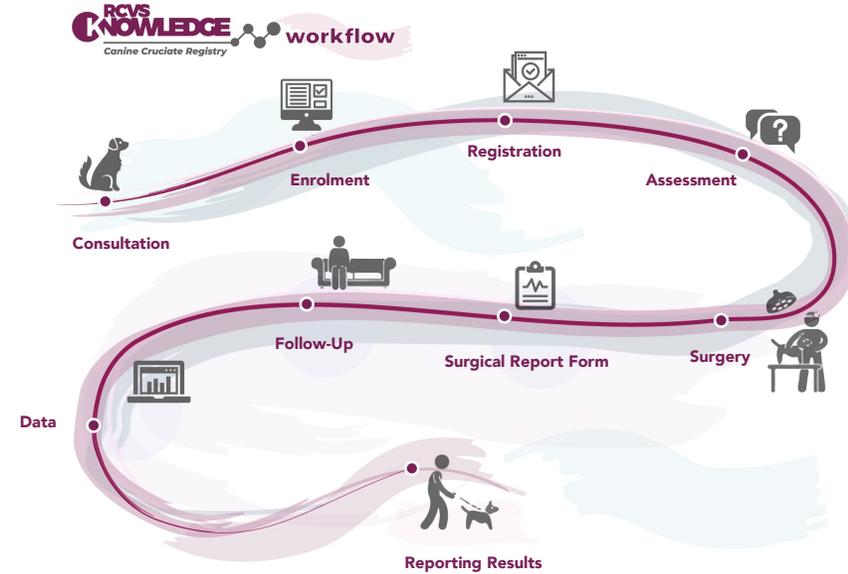


**Introduction** Cranial cruciate ligament (CCL) disease is a common cause of lameness in dogs. In the UK the prevalence of diagnosis of CCL disease is reported at 0.56%. Two-thirds of these cases are managed surgically<sup>1</sup>. There are numerous recognised surgical procedures, though there is a lack of high-quality evidence evaluating them in large populations of patients.

**Project** The Canine Cruciate Registry (CCR) is an automated surgical registry that aims to collect anonymised data from patients across the United Kingdom. It is the first of its kind in veterinary medicine. It is open to all veterinary surgeons performing any technique. It is free to both veterinary surgeons and owners.

**Methods** Electronic consent is provided by both owners and surgeons. Following completion of a pre-operative baseline outcome measures, a surgical report form collects data about the procedure performed and owners are contacted regularly to complete follow up outcome measures. Outcomes are measured using LOAD (Liverpool Osteoarthritis in Dogs) and COI (Canine Orthopaedic Index), which are validated Client Reported Outcome Measures (CROMs) CROMs share similarities to proxy-Patient Reported Outcome Measures (PROMs). Complication reporting is available to both owners and surgeons. A friends and family test (FFT) equivalent is used; a Client Reported Experience Measure (CREM). Individual clinical audit is accessed via an online portal and anonymised data from the registry will be published in an annual report.

## Early Engagement (first 10 months)



**Collaboration** Development of this registry has highlighted many similarities between registries and outcome assessment in human and veterinary patients. There is much we hope to learn from our human counterparts about engagement of both surgeons and owners, as well as data quality, analysis, and reporting. Likewise, as our project develops, we hope through ongoing collaboration, aspects of our experience may be mutually beneficial. We welcome contact and comments [mark@rcvsknowledge.org](mailto:mark@rcvsknowledge.org)

**References** 1 Taylor-Brown FE, Meeson RL, Brodbelt DC, Church DB, McGreevy PD, Thomson PC, et al. Epidemiology of Cranial Cruciate Ligament Disease Diagnosis in Dogs Attending Primary-Care Veterinary Practices in England. *Veterinary Surgery*. 2015 Jun 29;44(6):777-83.

## With Thanks To



[www.caninecruciateregistry.org](http://www.caninecruciateregistry.org)