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# Anesthetic, analgesic and antibiotic protocol

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<sup>1</sup>Aquivet

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[dx.doi.org/10.17504/protocols.io.e6nvwkqm2vmk/v1](https://dx.doi.org/10.17504/protocols.io.e6nvwkqm2vmk/v1)

TPLO BioMedtrix

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This protocol was used to manage dogs with cruciate ligament disease treated by TPLO

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Premedication (using acepromazine)

30m

1 acepromazine (Calmivet; Vetoquinol™, Lure, France), 0.05 mg/kg intramuscularly (IM)

30m

Premedication (using diazepam)

2 diazepam (Valium; Roche™, Boulogne-Billancourt, France), 0.25 mg/kg intravenously (IV)

### Premedication (both)

- 3 morphine (Morphine; Lavoisier™, Paris, France), 0.2 mg/kg IV

### Induction 1m

- 4 propofol (PropoVet; Zoetis™, Malakoff, France) 4 mg/kg IV, to effect 1m

### Antibiotics

- 5 cefazolin (Cefazoline; Mylan™, Saint-Priest, France), 22 mg/kg IV 30 minutes before incision, repeated every 90 minutes until skin closure

### Anesthetic agent 1h 30m

- 6 isoflurane (Isoflurin; Axience™, Pantin, France), 1.5-2.5%, in 100% oxygen 1h 30m

### Postoperative medical management

- 7 morphine (Morphine; Lavoisier™, Paris, France), 0.2 mg/kg subcutaneously every 4 hours, until discharge  
cefaletin (Rilexine; Virbac™, Carros, France), 15 mg/kg orally twice daily, for 5 days  
local cryotherapy every 8 hours, until discharge  
meloxicam (Metacam; Boehringer Ingelheim™, Reims, France), 0.1 mg/kg orally once daily, for 10 days