All intestinal surgery is classified as clean-contaminated surgery and some are clearly infected because of a peritonitis. The antibiotics regimen will therefore vary according to this classification.

* Antibiotics:

Antibiotics: should be discontinued within 2-6 hours of surgery unless peritonitis is present

-Broad spectrum antibiotics would be utilized in this scenario to aid in the healing process.

Topical antibiotics such as tetravet can be used.

Procaine penicillin G and Oxytetracycline can also be used

-Procaine penicillin G:

The FDA approved label dose is 1ml\100lbs of body weight, given once a day, intramuscularly (no more than 10ml per injection site). The treatment duration tends to vary between brands, ranging from 4-7 consecutive days.

* NSAIDs:

-Non-Steroidal Anti-Inflammatory drugs (NSAIDs) are utilized in an attempt to bring about the reduction of any inflammation present as well as aid in proper healing of the wound after surgery

Eg. Flunixin meglumine and Meloxicam.

(Analgesics: should be provided as required)

 - Flunixin meglumine

Cattle: For use in acute inflammatory conditions, the recommended dose rate is 2.2 mg flunixin/kg bodyweight equivalent to 2 ml per 45 kg bodyweight. Repeat as necessary at 24 hour intervals for up to 5 consecutive days.

Pigs: For use in pigs, the recommended dose rate is 2.2 mg flunixin/kg bodyweight equivalent to 2 ml per 45 kg bodyweight once by intramuscular injection. Flunixin Injection should be administered as adjunctive therapy in conjunction with a suitable course of antibacterial therapy.

Horses: For use in equine colic, the recommended dose rate is 1.1 mg flunixin/kg bodyweight equivalent to 1 ml per 45 kg bodyweight. Treatment may be repeated once or twice if colic recurs. For use in musculo-skeletal disorders, the recommended dose rate is 1.1 mg flunixin/kg bodyweight equivalent to 1 ml per 45 kg bodyweight, once daily for up to 5 days according to clinical response.

* Meloxicam

Cattle: Single subcutaneous or intravenous injection at a dose of 0.5 mg meloxicam/kg body weight (i.e. 10.0 ml/100 kg body weight) in combination with antibiotic therapy or with oral re-hydration therapy, as appropriate.

Pigs: Locomotor disorders: Single intramuscular injection at a dosage of 0.4 mg meloxicam/kg body weight (i.e. 2.0 ml/25 kg body weight). If required, a second administration of meloxicam can be given after 24 hours.

Reduction of post-operative pain: Single intramuscular injection at a dosage of 0.4 mg meloxicam/kg body weight (i.e. 0.4 ml/5 kg body weight) before surgery.