Oral presentations

thoracic cavity was most commonly penetrated (n=35). Diagnostic imaging (all modalities combined) was sensitive and specific to identifying wooden material in 56% and 95% of cases respectively and surgical retrieval of a foreign body or its fragments was required in 20 cases (37%). Thoracotomy was performed in 56% of the cases. Complications occurred in 20 dogs (37%) and of these 70% were minor, 10% major and 20% catastrophic.

STATEMENT

Despite the often seen dramatic presentation of impalement injuries the majority of treated patients can achieve good outcomes. These injuries require thorough diagnostic imaging and interpretation prior to adequate surgical exploration and management, augmented by anaesthetic and critical care during the peri- and post-operative periods; therefore stable patients should be referred to centres able to provide this type of care.

Retrospective evaluation of surgical treatment for congenital extrahepatic portosystemic shunts by thin film banding versus ameroid ring constrictor placement in dogs

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OBJECTIVES

The objective of this study was to retrospectively compare two cohorts of dogs surgically treated for single congenital extrahepatic portosystemic shunts by thin film banding or placement of an ameroid constrictor.

METHODS

Medical records of dogs with congenital extrahepatic portosystemic shunts treated by thin film banding or ameroid constrictor placement from 2009 to 2016 were reviewed for breed, age at surgery, duration of surgery, postsurgical complications, duration of hospitalisation, pre- and postoperative biochemical analysis, clinical outcome and requirement for repeat surgery. Data were reported with summary statistics.

RESULTS

Forty-nine dogs were treated with thin film banding and 23 were treated with ameroid constrictors based on surgeon preference. In the thin film banding group 10% of dogs died or were euthanased post-operatively compared to 4% in the ameroid group. Postoperative complications occurred in 24% of dogs treated by thin film banding and 22% of dogs treated with ameroid constrictors. Repeat surgery for further attenuation, due to persistent shunting was performed in 20% of dogs treated by thin film banding compared with 9% treated with ameroid constrictors.

STATEMENT

Our results suggest that ameroid constrictor placement is associated with lower postoperative mortality and a reduced need for second surgery compared to thin film banding. A relatively high rate of persistent shunting prompting additional surgery was seen in the dogs treated with thin film banding, suggesting that this method may not result in complete shunt attenuation in a significant proportion of animals, contrary to previously published findings.

Monopolar burns as a complication of electrosurgery: a case series

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OBJECTIVES

To describe cases of monopolar burns occurring as surgical complications, including their treatment and outcome, and to discuss strategies for their prevention.

METHODS

Cases where burns occurred as a result of monopolar diathermy use during surgery were reviewed (2011–2014). Cases with adequate medical history and record of follow-up procedures, treatments and outcome were included.