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A novel ameliorated rat model of reversible obstructive jaundice

Key words: Keys words: animal model, reversible obstructive jaundice, bile duct ligation

Research Summary

This research successfully established a simple and effective model of reversible obstructive jaundice that avoided a second laparotomy and had low mortality.

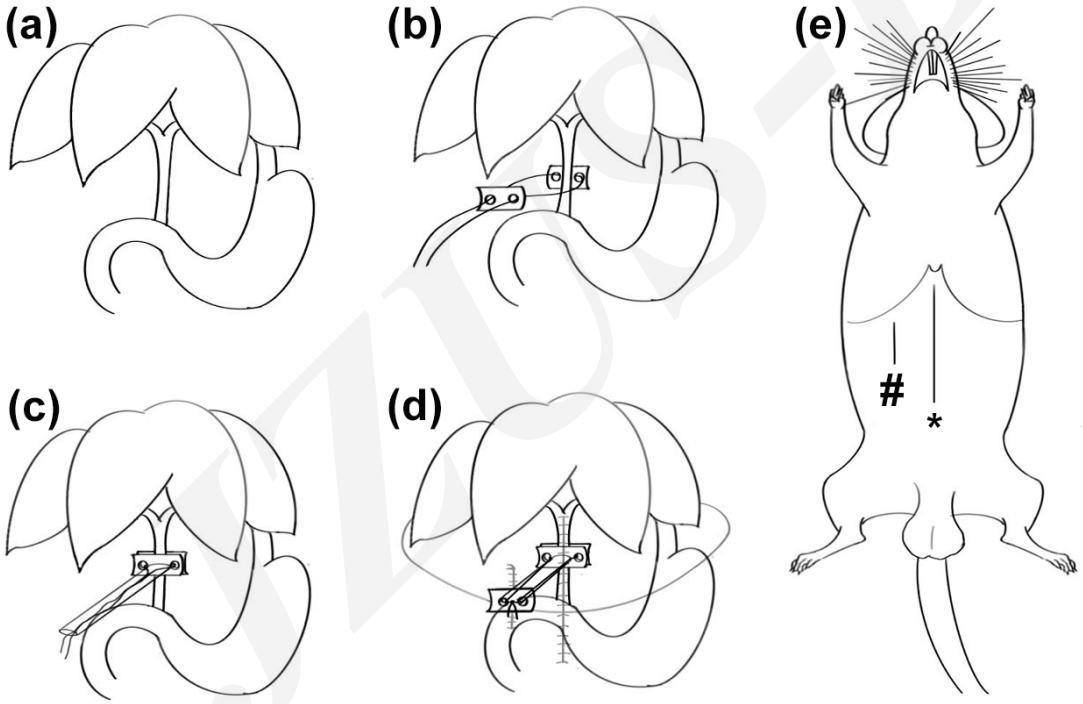

Fig. 1 Diagrammatic representation of the ABDL model. Exposure of the bile duct (a); placement of spacers with sutures anterior and posterior to the bile duct (b); insertion of a silicone tube (c); knotting of sutures over the silicone tube to the third spacer embedded in the subcutaneous layer (d). * and # represent the median and right abdominal incisions, respectively (e).

Innovation points

● A novel ameliorated rat model of reversible obstructive jaundice was successfully developed.
●This procedure is simple and effective.
●This models avoided a second laparotomy and had low mortality.

Figure 4