

# Surgical Repositioning Of Exposed Sub Shunting Port In A Cat

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## Surgical repositioning of exposed SUB shunting port in a cat

**Introduction:** A 9-year-old spayed female cat presented with a 1 cm wound exposing a subcutaneous ureteral bypass (SUB) port 11 months post-placement. Failed primary closures led to repositioning and omentalisation, achieving successful implant retention and healing.<sup>1</sup>

**Case Series Summary:** A 9-year-old, 2.78 kg, BCS 4/9, spayed female domestic shorthair cat was presented with a 1 cm wound exposing the left SUB shunting port near the midline. No history of trauma was reported. Despite an appropriate antibiotic regimen based on culture and sensitivity, the wound failed to heal and increased in size. A CT with contrast flushing of the SUB device documented no convincing evidence of left ureteric patency, making removal of the SUB device unfeasible. The port was surgically repositioned, and omentalisation was performed to provide vascularised tissue coverage and aid in infection control.<sup>2</sup> Postoperatively, no systemic antibiotics were administered, and wound management was limited to topical treatments. At follow-up assessments, the wound had completely healed, with no evidence of port re-exposure or recurrent infection.

**Relevance and Novel Information:** This case highlights a successful approach to managing the rare complication of SUB shunting port extrusion due to resistant local infection originating from the urinary tract. Adequate topical treatment, surgical repositioning, and omentalisation can facilitate implant retention and wound healing.

### Figures:

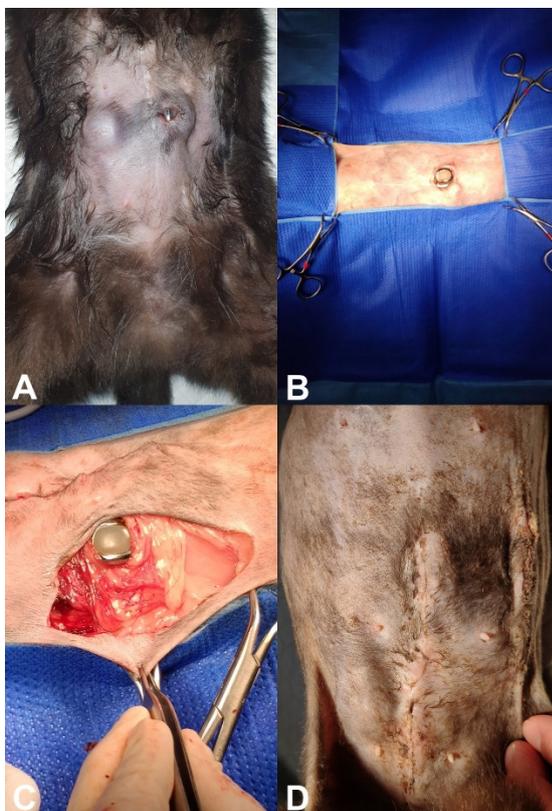


Figure 1. (a) Exposed left SUB shunting port; (b) intraoperative draping; (c) omentalisation of the SUB port before routine closure; (d) two-week post-surgical review showing adequate wound healing.

**Conflict of interest/ acknowledgement:**

The authors declare no potential conflicts of interest with respect to the research, authorship, and/or publication of this article. This case report was previously published in the *Journal of Feline Medicine and Surgery Open Reports* on 22 June 2024 and is available at <https://pmc.ncbi.nlm.nih.gov/articles/PMC11193928/>.

**References:**

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