



Supplementary Fig. 1. Transformation of approach site hematoma into abscess. A 78-year-old woman underwent 4-level OLIF (L2/3, 3/4, 4/5, 5/1) and decompressive laminectomy at L2 and L5. One week postoperatively, an magnetic resonance (MR) scan revealed a significant amount of hematoma (A and B). At 4 weeks postoperatively, due to elevated inflammatory markers, abdominal computed tomography (CT) was performed, identifying an abscess approximately 8 cm in size (C and D). Percutaneous drainage was conducted, followed by 4 weeks of intravenous antibiotic therapy and 2 weeks of oral antibiotics. A and B : Postoperative MR scans showing a large amount of hematoma (blue arrows). C and D : CT of the abdomen with contrast enhancement, showing the formation of an abscess (red arrow) at the approach site.