



Supplementary Fig. 1. Fluoroscopic images of 3 different techniques for lumbar endoscopic decompression. (A) Unilateral biportal endoscopic lumbar decompression technique involves 2 distinct portals for viewing and working. (B, C) The microendoscopic laminotomy technique is performed using a tubular retractor. Surgical instruments are advanced through the tubular retractor. (D) In the percutaneous endoscopic lumbar decompression technique, there is a single portal, and a specialized endoscope is used that contains channels for instrumentation and visualization. All 3 surgical techniques are based on the principles of lumbar endoscopic unilateral laminotomy for bilateral decompression.