Dual-Portal Endoscopic Lumbar Discectomy: a Case-Based Technique Video Jared Tishelman, Nebiyu Osman¹, Nicholas Scott Vollano², Jong-Yun Woo, Dylan T Lowe, Charla R Fischer, Yong H Kim³ ¹Uconn Orthopedics Residency, ²NYU Langone Health, ³NYU Langone Medical Center

Unilateral biportal endoscopy is a minimally invasive technique that allows adequate visualization of spinal anatomy without excessive resection of the support structures or the technical constraints of the uniportal design. This video reviews a case presentation to demonstrate the steps to perform unilateral biportal endoscopic discectomy for a lumbar disc herniation. The case reviewed is a 60-year-old male who presented with an acute onset low back and left leg pain. His physical exam was notable for left ankle dorsiflexion and first digit extension weakness. Preoperative imaging revealed a large left paracentral disc herniation at L4-5. The patient was then indicated for left L4-5 discectomy using the unilateral biportal endoscopic technique.