FIRST ATTEMPT MIS
TOTAL DISAPPOINTMENT
Learning Curve of a Complex Surgical Technique
Minimally Invasive Transforaminal Lumbar Interbody Fusion (MIS TLIF)

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Learning curve and complications of minimally invasive transforaminal lumbar interbody fusion

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• “Spine surgery is like having sex, why would you want to do it minimally invasive?”
TUBULAR RETRACTOR
MICROSCOPIC ANATOMY
PERCUTANEOUS SCREWS
TRANSPSOAS INTERBODY FUSION
RULE #1 – START SIMPLE
RULE #2 – BE CONSISTENT
LOOK FOR THE SAME LANDMARK
RULE #3 – GET A MENTOR
CASE 1
65 yo with lower back pain and right thigh pain
MRI PRE OP
CASE 1 - INTRA OP
CASE 1 - INTRA OP
CASE 1 INTRA OP
CASE 1 – PRE AND POST OP XRAY
CASE 1 – PRE AND POST OP MRI
(INDIRECT DECOMPRESSION)
CASE 2
56 YO, 300 LBS. RECURRENT HNP
CASE 2
RECURRENT HNP
CASE 2
CASE 2
CASE 3 – 69 YO F W BURST FX, FAILED KYPHO, 250#
CASE 5 – 59 YO F W BURST FAILED KYPHO, 250#
59 YO 250# F W BURST FX
TRANSPSOAS CORPECTOMY
THANK YOU!