

# Getting Started with dualPortal<sup>®</sup> Endoscopic Spine Surgery

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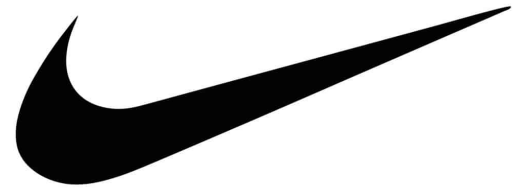
Icahn School  
of Medicine at  
**Mount  
Sinai**

# Disclosures

- Royalty: Globus, SIBone
- Stocks: Amplify Surgical
- Consulting: ATEC
- Fellowship Support: AOSpine North America, Globus, Cerapedics
- Research Support: NuVasive

# My journey

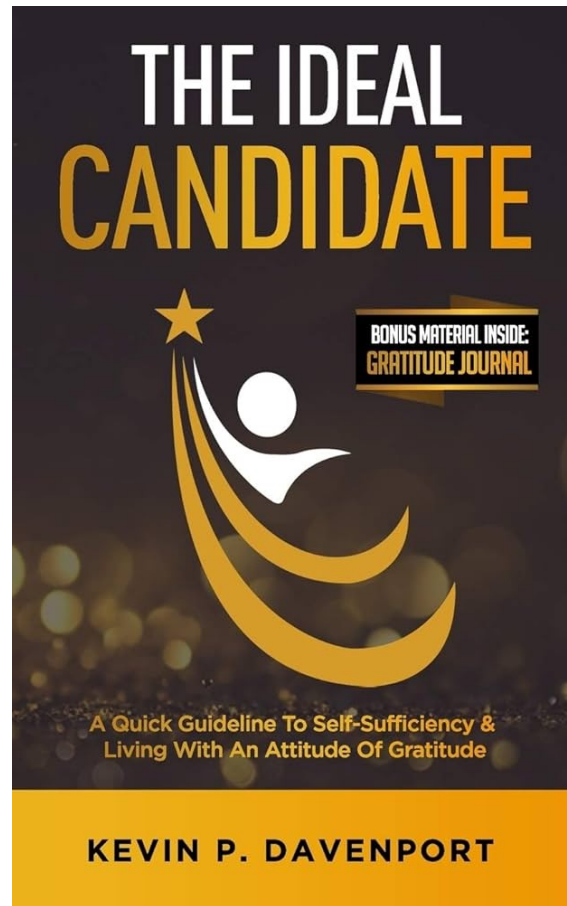
- Hearing about it circa 2018
- Watching a few YouTube videos
- A cadaver lab on Saturday morning
- Booking a case



**JUST DO IT**

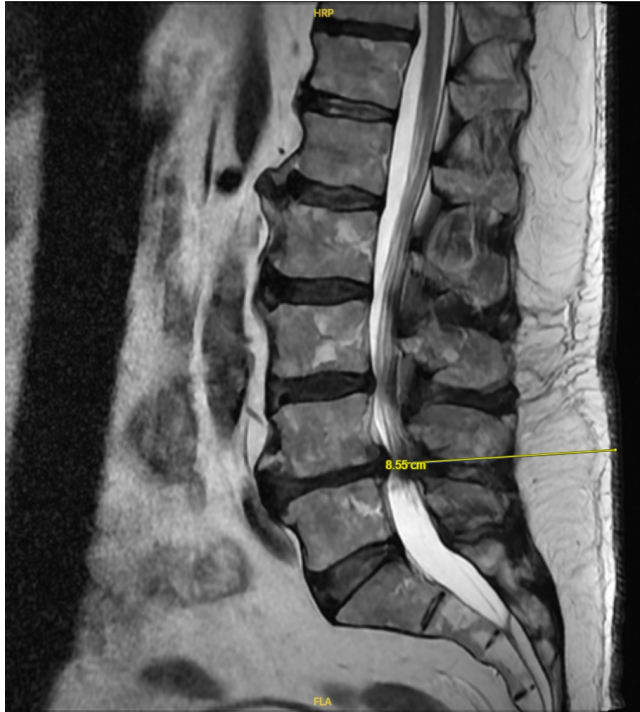
# My First Case

- August 2
  - The first day with my new fellow
- 63 y/o M with a foot drop
  - 246 lbs w/ BMI >35
  - On ASA for recent cardiac stenting
    - No TXA allowed
    - No hypotension allowed

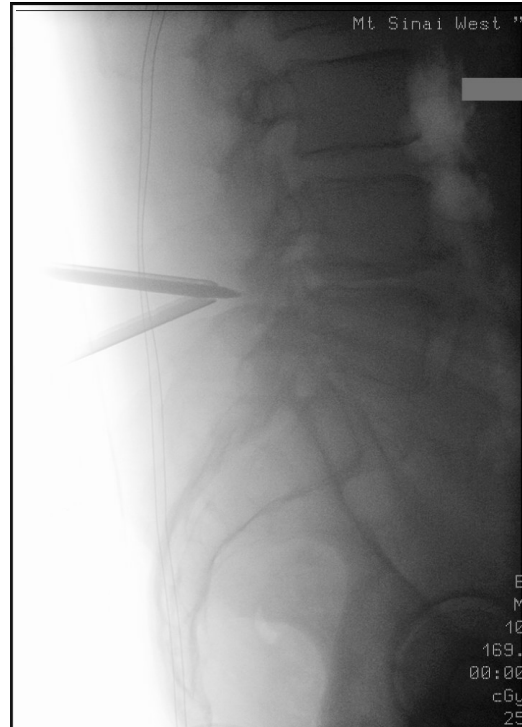




# My First Case



# My First Case



# My First Case

- 3 hours
- Cursing every other word
- Enough water to take a bath later...
  
- Footdrop improved
  - No cane after 3 months



# My Eureka Moment

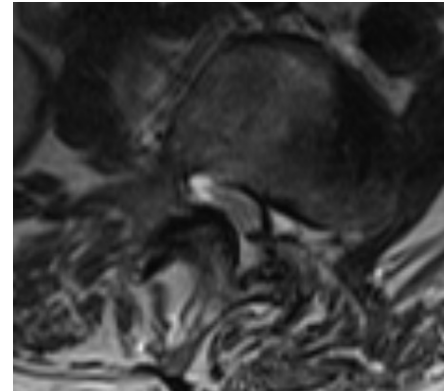
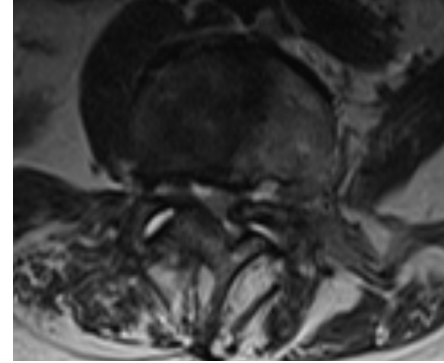
- Making of a potential working space
- Other than close up view via endoscope, same surgery
- Versatile
  - Hemilaminotomy/discectomy
  - Laminectomy, uni or bi
  - TLIF
  - Transforaminal discectomy
  - Multi-level



# What's the Big Deal?

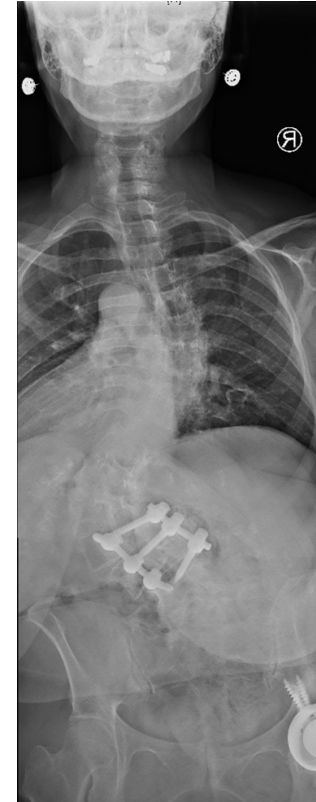
# A Game Changer

# 68y/o F with degen scoli



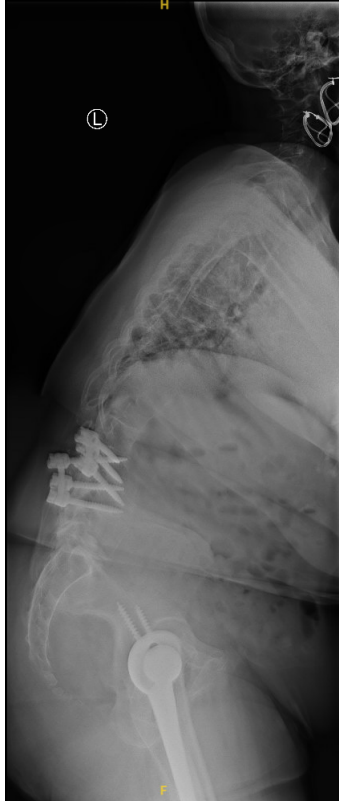


# 68y/o F with degen scoli

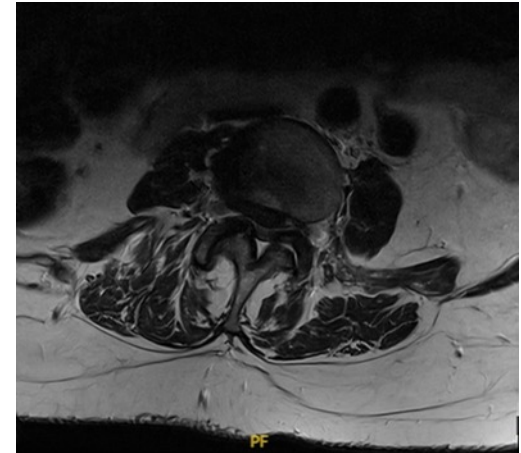
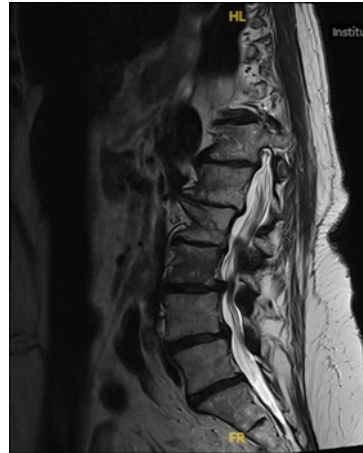




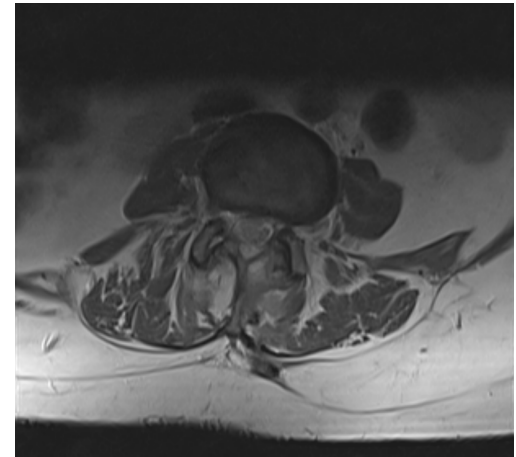
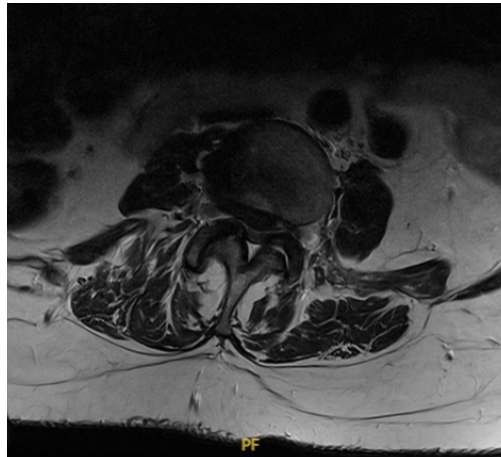
# 72y/o F with degen scoli



# 75y/o F with degen scoli

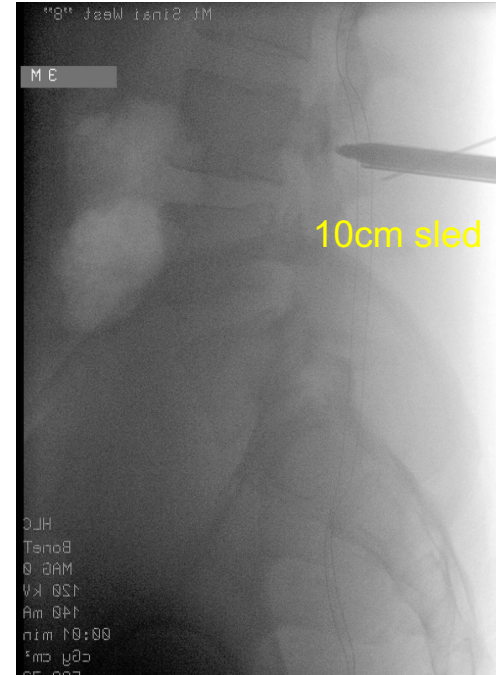
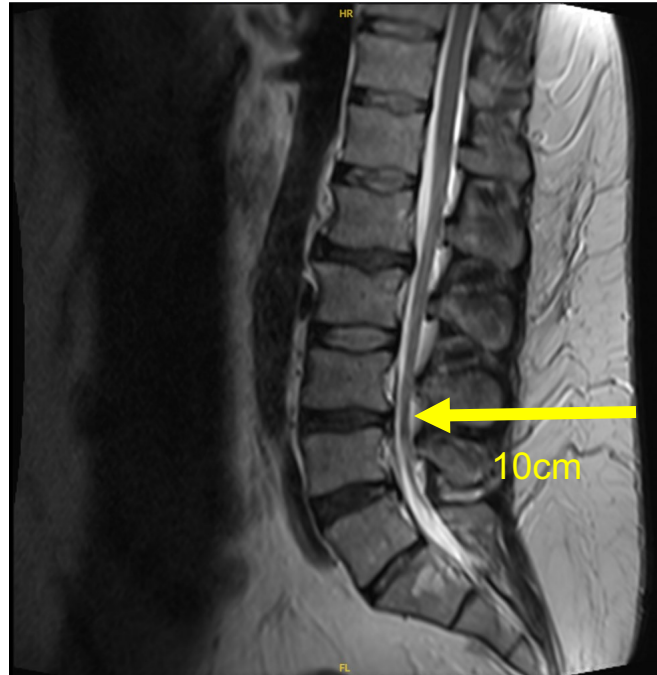


# 75y/o F with degen scoli

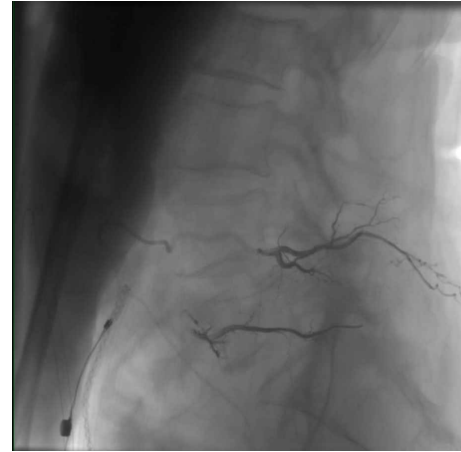


# 40y/o M with stenosis

BP: 131/73  
Pulse: 83  
Weight: **330 lb (149.7 kg) !**  
BMI: **44.76 kg/m<sup>2</sup> !**



# 72y/o M with cauda equina



# What Do You Need to Start?





# My Setup

Head



Feet

# Draping

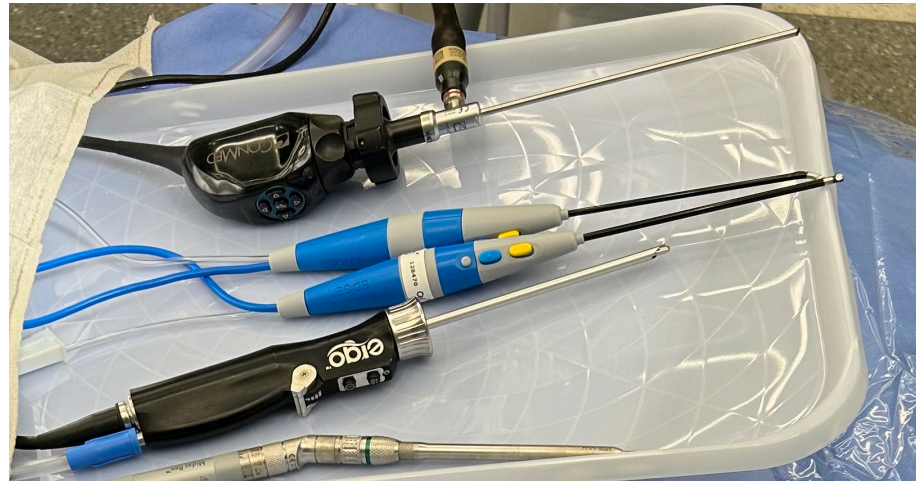




# Trays



# Drills/RF wands



# See One, Do One, Teach One



