

Minimally Invasive and Novel Therapeutics (M.I.N.T.) in Foregut Disease
September 29th - October 1st 2022

AWR: should we have second thoughts in 2022?

B Ramana

|

Clinic Ramana



Disclosures



AWR SURGEONS

The logo features the letters 'AWR' in a bold, blue, sans-serif font. The letter 'R' is partially overlaid by a blue and white globe icon. Below 'AWR' is the word 'SURGEONS' in a white, bold, sans-serif font. The letter 'O' in 'SURGEONS' is replaced by a stylized orange and white circular graphic. To the right of 'SURGEONS', there is a white silhouette of a hand holding a scalpel. A thick, curved orange underline arches beneath the word 'SURGEONS'.

HARVARD
MEDICAL SCHOOL



How has hernia surgery changed in the last 20 years?



HARVARD
MEDICAL SCHOOL



What second thoughts?



Exponential increase in complex operations



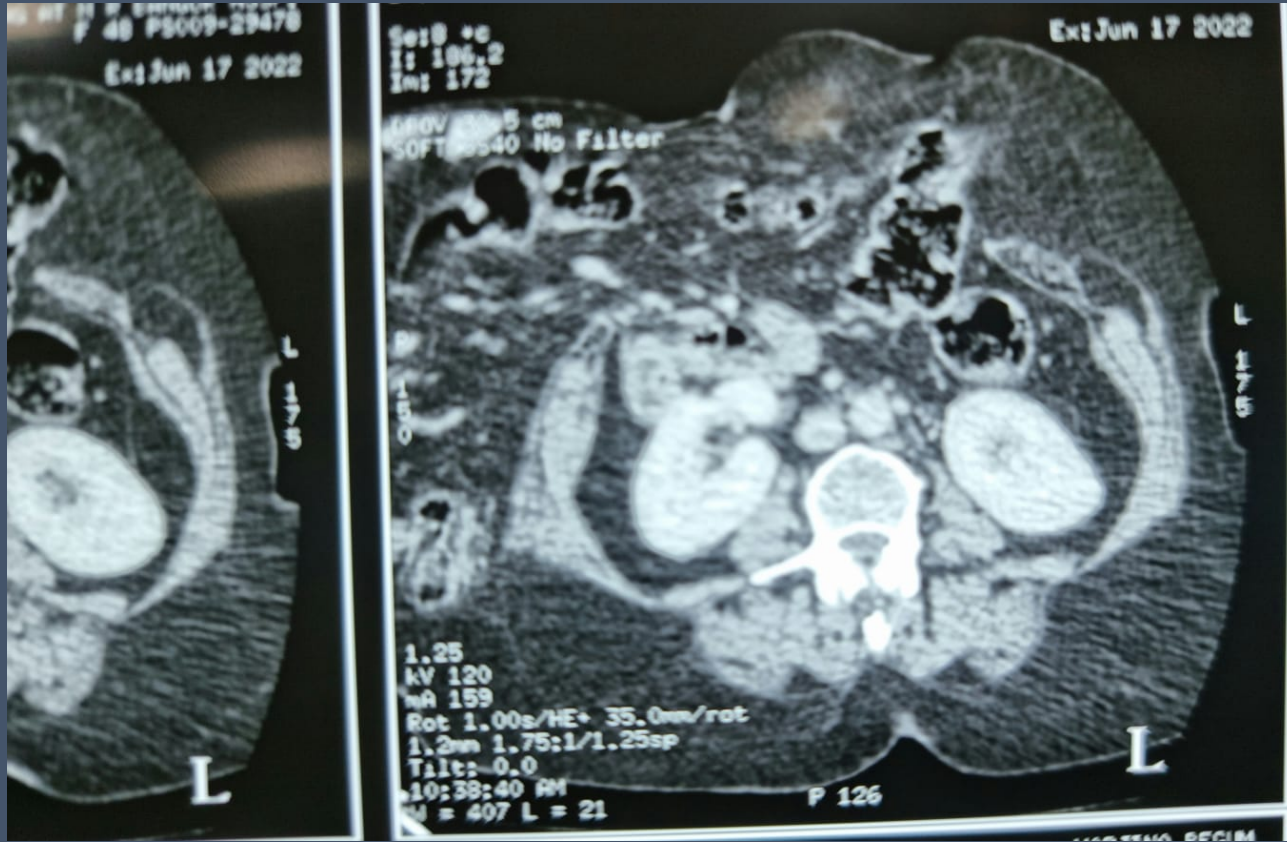
HARVARD
MEDICAL SCHOOL





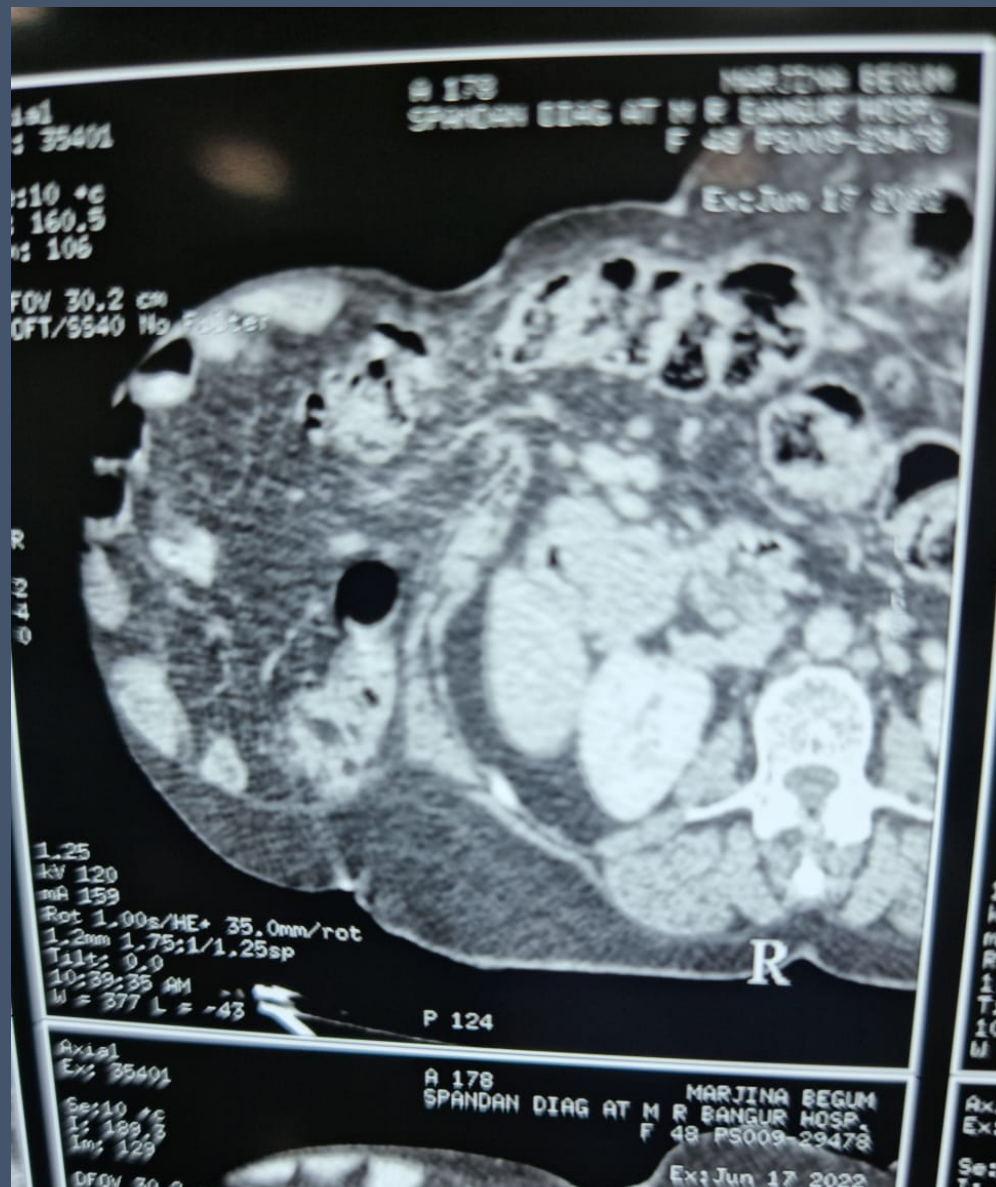
HARVARD
MEDICAL SCHOOL





HARVARD
MEDICAL SCHOOL





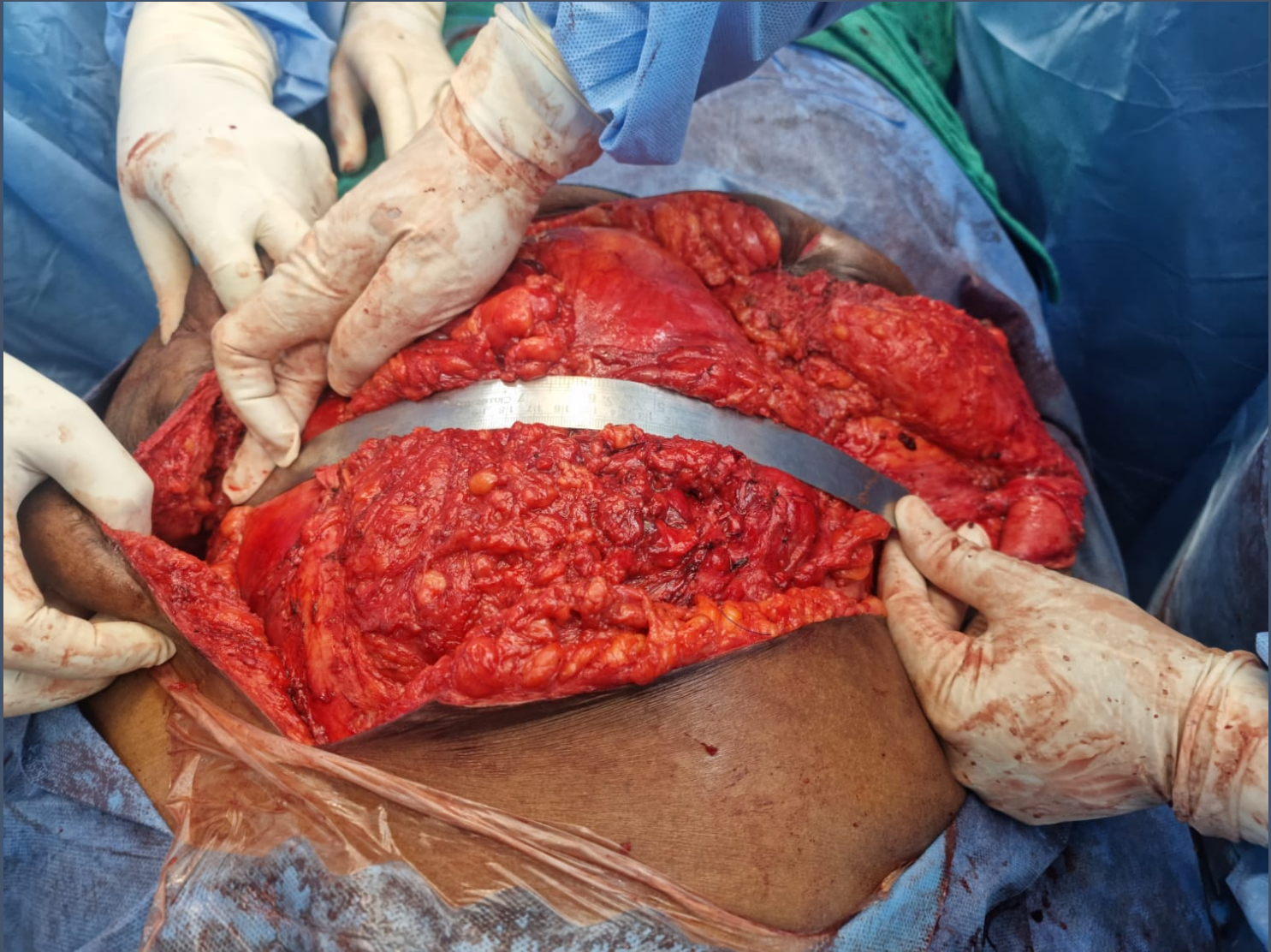
HARVARD
MEDICAL SCHOOL





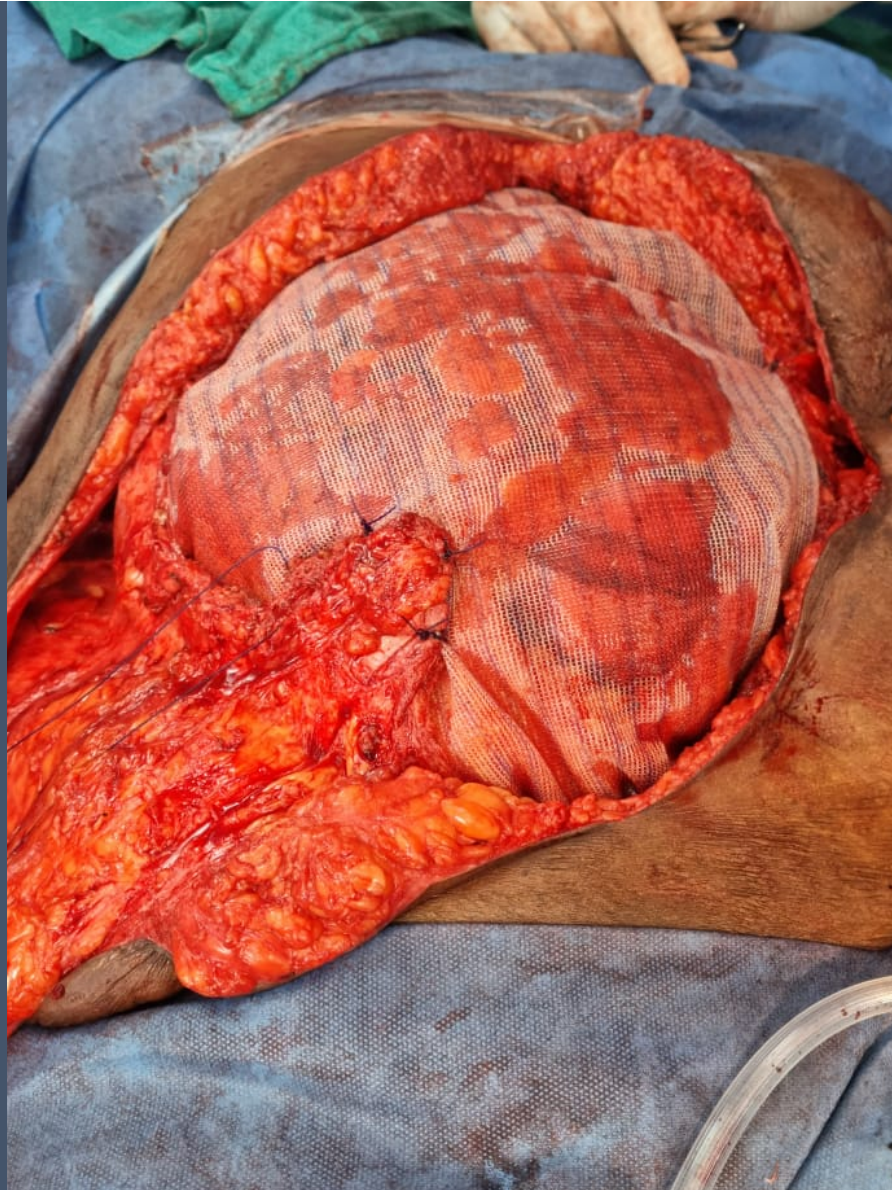
HARVARD
MEDICAL SCHOOL





HARVARD
MEDICAL SCHOOL



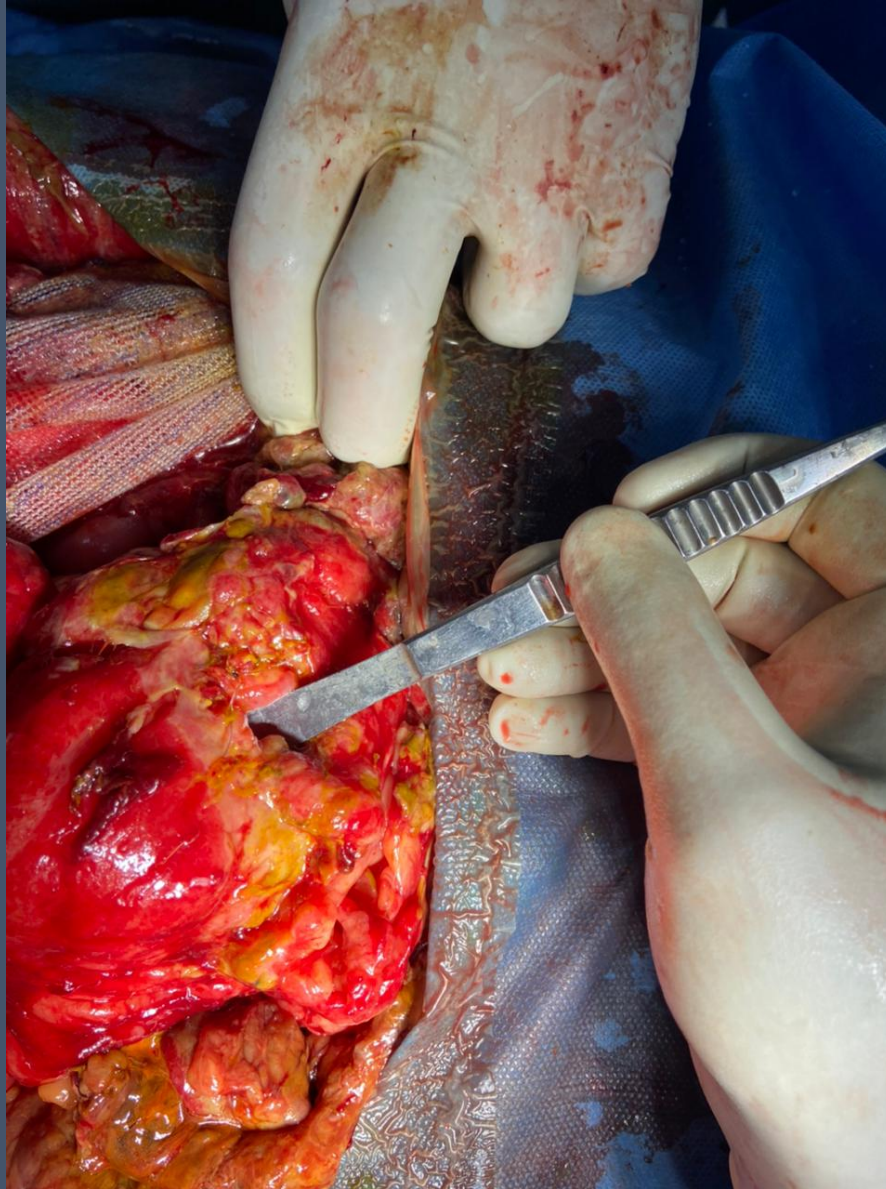


HARVARD
MEDICAL SCHOOL











HARVARD
MEDICAL SCHOOL

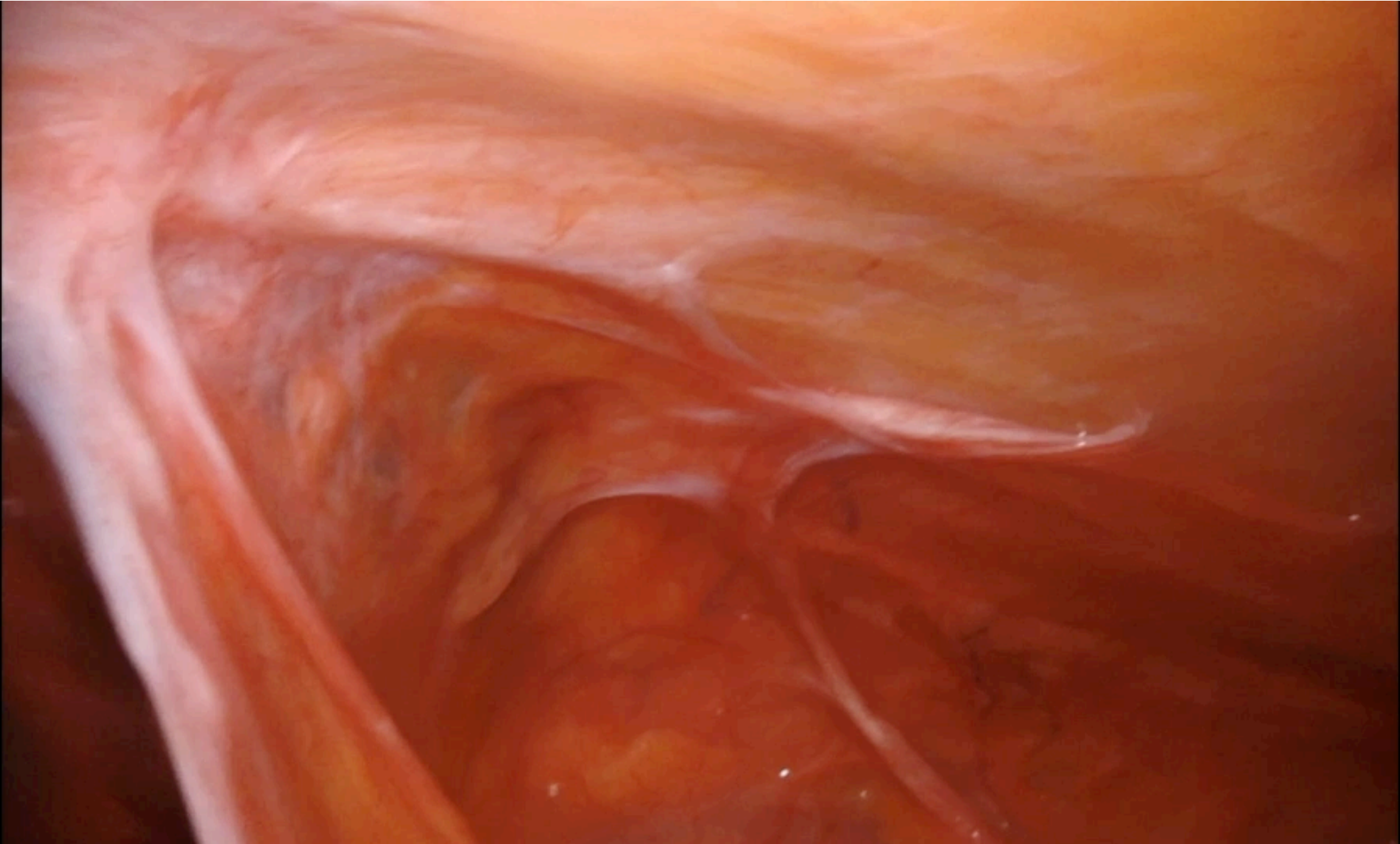


Handling unusual situations



HARVARD
MEDICAL SCHOOL



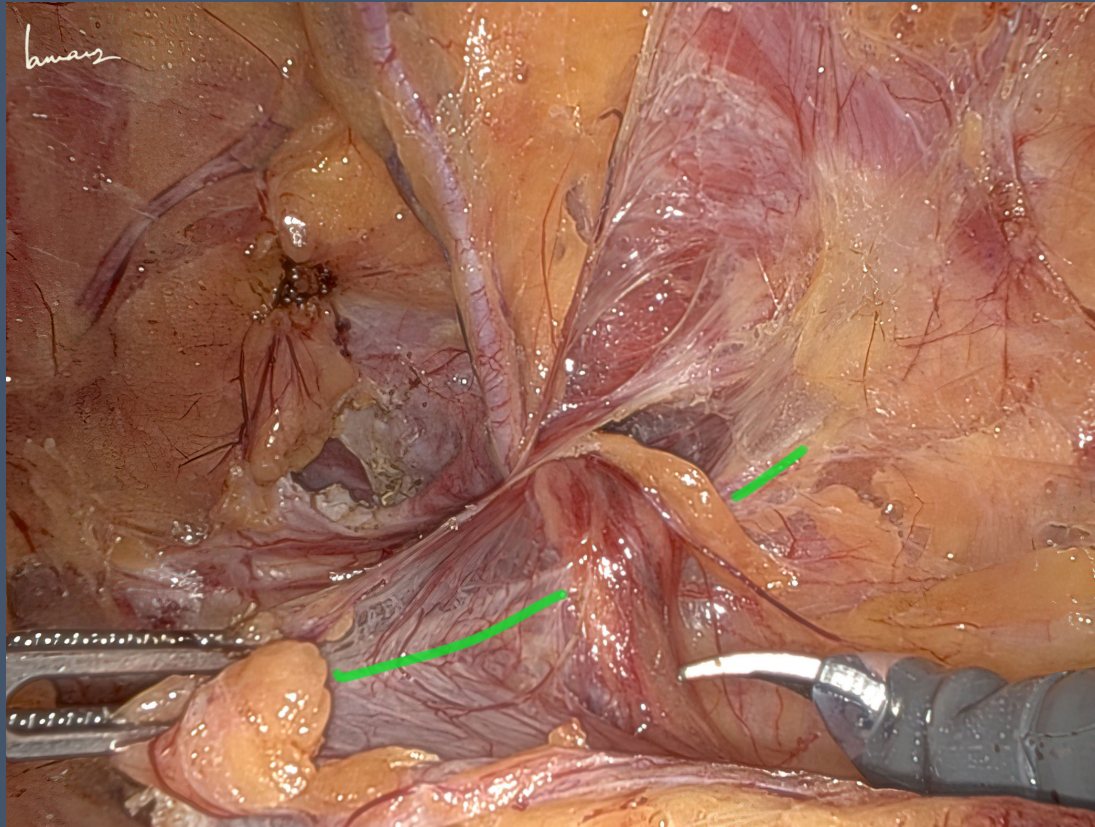


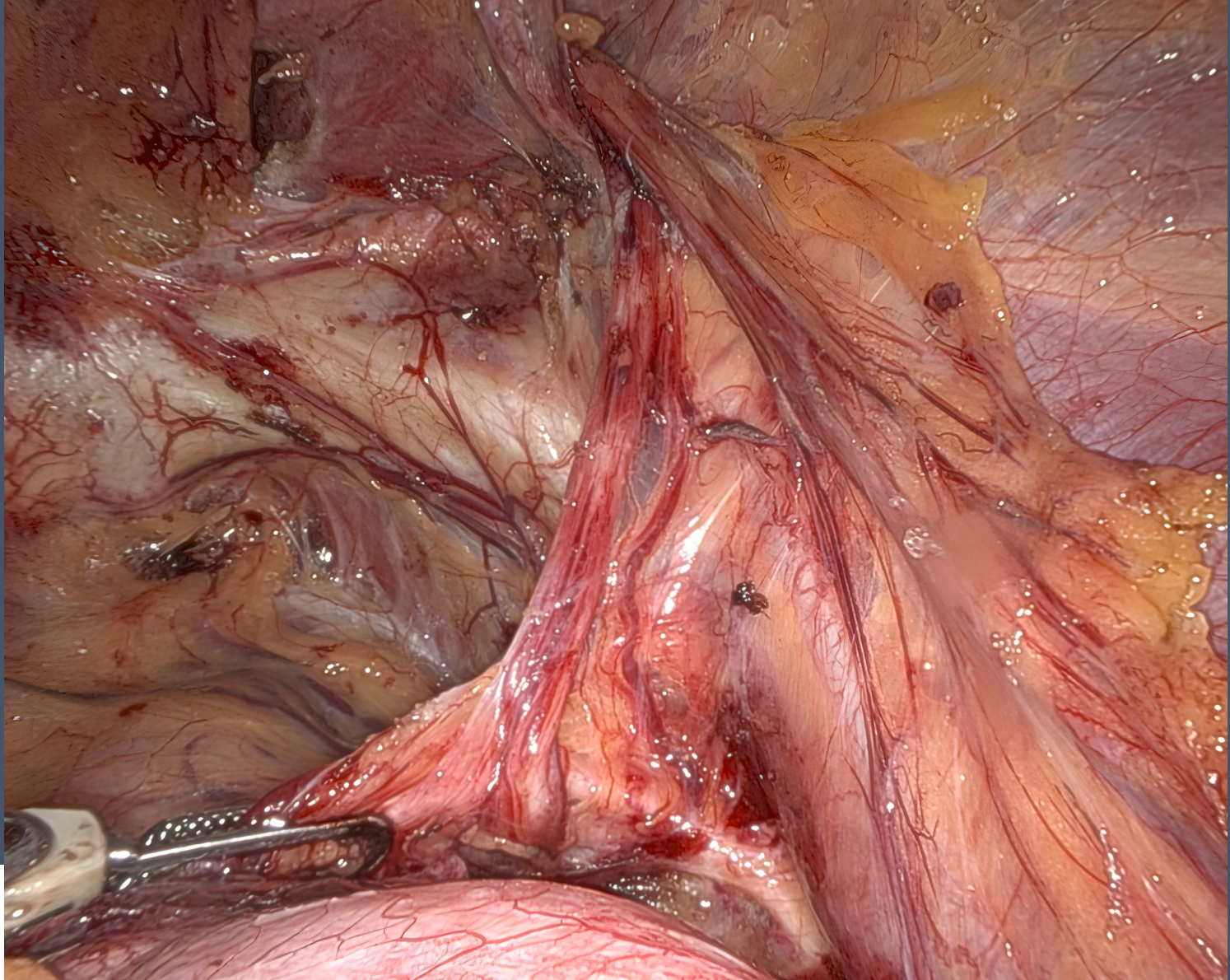
Nuanced anatomical understanding



HARVARD
MEDICAL SCHOOL

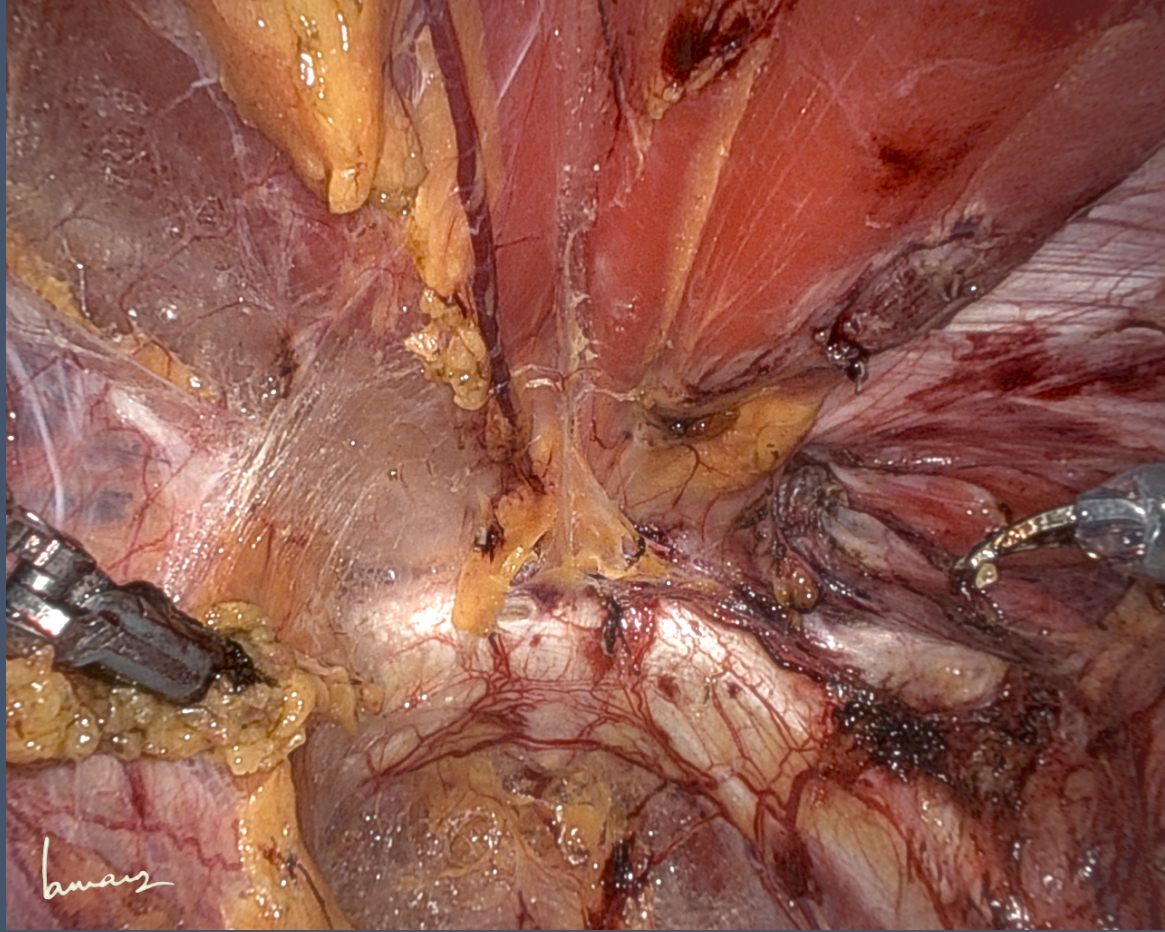






HARVARD
MEDICAL SCHOOL





HARVARD
MEDICAL SCHOOL

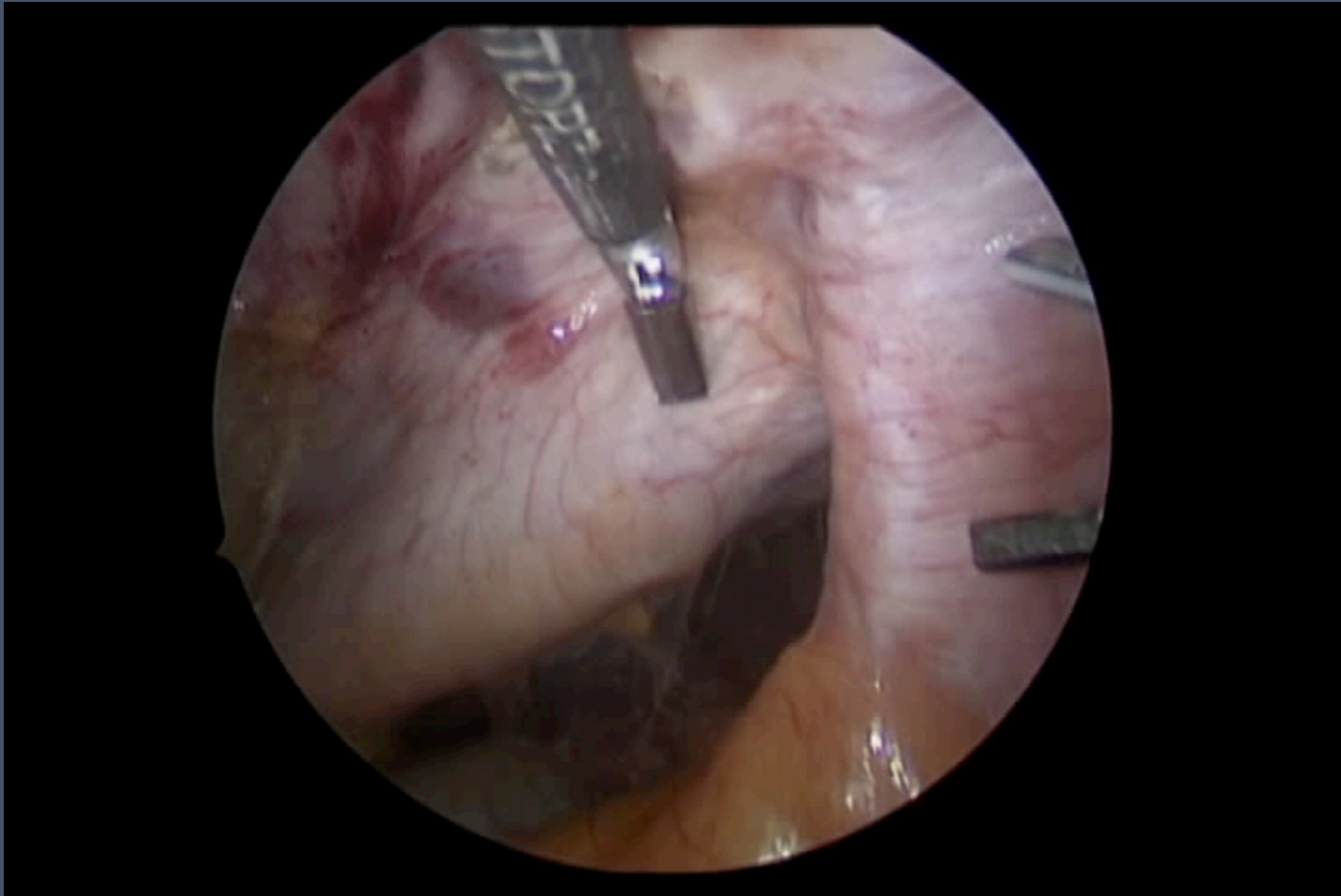


Outlandish Complications



HARVARD
MEDICAL SCHOOL





HARVARD
MEDICAL SCHOOL







Simple hernia case: the 1st victim of a simple operation that fails



HARVARD
MEDICAL SCHOOL



Complex hernia case: the AWR surgeon is the 2nd victim of a 8 hour case



HARVARD
MEDICAL SCHOOL



Ab wall cripple: the third victim



HARVARD
MEDICAL SCHOOL





Greater choice in procedures, implants and surgeons



HARVARD
MEDICAL SCHOOL



Costs

Procedures

Complications



Are they worse than
before?

Outcomes

How can they be better?

Robotics

Newer models:
better or worse?

Unreal expectations?

Improving outcomes

AWR as a speciality?



**“Just because one can cross-over
during eTEP doesn't make one a hernia
expert”**

Yuri Novitsky



HARVARD
MEDICAL SCHOOL



Abuse of AWR

Robotics

Implants

Procedures



Nutrition

Botox

Fasciotens

Adjuncts to hernia surgery

Immunomodulation

PPP

Prehab



Management of simple hernias?



HARVARD
MEDICAL SCHOOL



Management of simple hernias

Simple/suboptimal?

Complex/perfect?

How do we get better?



RCT

Registry

Retrospective studies



HARVARD
MEDICAL SCHOOL



Registry

RCT

Retrospective studies

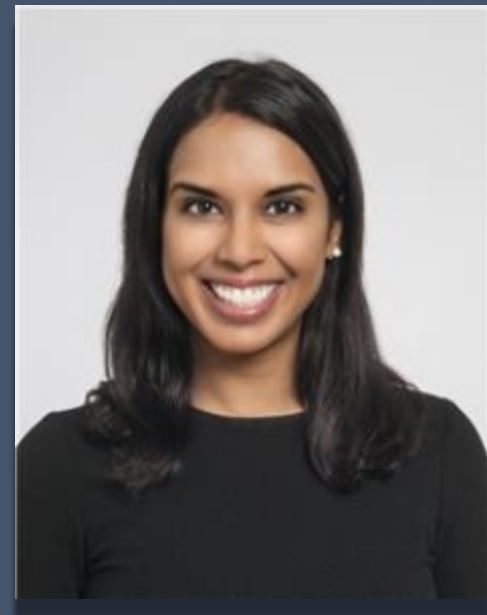
Expert opinion?



HARVARD
MEDICAL SCHOOL



“No data, no debata!”



HARVARD
MEDICAL SCHOOL



Thank you

