Robotic Thoracic Surgery

Credentialing Robotic Surgery

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Future of Thoracic Surgery

Financial Disclosure

- Conflict of interest:
- Received honorarium from Intuitive
- Only FDA approved robotic system
- Devised PRIIME …
- $ goes to UAB (30% hospital, 70% division) unless CME event
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Problem

- Problem credentialing political hot potato
- Should companies do it?
- Intuitive, Ethicon and Covidian say NO
- Hospitals try promulgate it, do not know
- Up to societies ....
- First define what is robotic surgery, then a pathway to do it . ...
Pathway what we have written about …
Surgeon interested robotics
Marketing robot or Vats - worry loss market share
Case observation .. inconsistent
Initial introduct. Kick tires …. See pt value, surgeon value .., trained
Problems start: Type of robot, their volume, bedside assistant, 10,000 hrs
PRIME Problem

• 812,000
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Solution

- **P**...rogrammatic
- **R**...obotic
- **M.. I**...nimally        **I**......nvasive (I)^2
- **M**......entoring
- **E**......xperience

- **PRI^2**ME
Robotics in Thoracic Surgery

Results CPRL-4

- 830 robots, 265 CPRL-4, 60 segments, over 200 mediastinal tumors, 62 Robotic Ivor Lewis

- Overall 30 day mortality: 4 pts (0.0054) or 0.54%, overall 90 d mortality: 5 (0.69%)

- Med tumors: 30 & 90 d mort., 0%

- Lobect: 30 (0.4%) ... 90 d mort., 0.8%

- Esophagect: 30 d (1.6%) ... 90 d (3.2%)
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• **PRI$^2$ME**
Robotics in Thoracic Surgery

How to do New CPRL-4
Robotics in Thoracic Surgery

Robotic Esophagectomy

Robotic Esophagectomy
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Positioning for R.I.L.
Robotics in Thoracic Surgery

R Robotic Thymectomy
Coach: Consistency same voice, words, same technique

Player: Commitment Dedication Passion Buy In Process
Robotic in Thoracic Surgery
Simulation / Training Future

Capt Sullenberger III
Culture, hard work, dedication eats talent every day
Improving Hospital Care
Training / Credentialing
Improving Hospital Care
Training / Credentialing
Improving Hospital Care
Training / Credentialing
Improving Hospital Care
Room Set Up – R side
Lorraine B. Cerfolio, RN

10/20/1961 - 4/14/2013
At 10:23 am

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