



Optimal new training paradigms for vascular surgeons.
Vascular then CT training, better than 2 years in lab?


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Conflicts: I am a vascular surgeon, chair of a "cardiovascular" surgery department.

Cardiovascular Surgeons


Vascular Surgery Skills



- Comprehensive open and endo skill set
- Atherosclerosis/Aneurysm awareness
- Critical care
- Technical skills:
 - Join blood vessels together
 - Handle bleeding
- "Cardiac related": PE, arch, ascending endo approaches

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|----------|
| Pathways |
| 0- 5 |
| 5+2 |

Cardiac Surgery Skill Set




- Boards are in Thoracic Surgery
 - Mandatory cardiac and thoracic training
- Increasingly divergent cardiac and thoracic
 - Pediatric and adult
 - Open heart, thoracic aorta and trunks, lung, esophagus, chest wall
 - Very variable endo experience – "no time"

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| Pathways |
| 0-6 |
| 4-3 |
| 5-2 |


THE "CARDIOVASCULAR SURGEON"

Back to the Future!



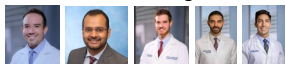
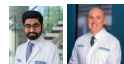
Emerging trend in training

- 5 years vascular
- 2 years cardiac




Back to the future. – the DeBakey model - "Cardiovascular Surgeon"

- Significant man power issues?
- What will they do?
- Where will they work?





The Appeal




- 7 years to "cardiovascular surgeon"
 - Broadbased community practice
 - Structural Heart and Aortic specialists
- I am a CT program director - who would I hire?
 - Cardiac surgery - recruit from Vascular
 - Thoracic surgeon - recruit general surgeon
 - CT surgeon - recruit general surgeon

Why?




- Cardiac surgery has struggled to provide comprehensive endovascular training
- No time available in CT fellowship
- Increasing structural heart and endo Aortic demands
- Easier to import that specialty

Why should Vascular Surgeons Care?




- Already have manpower issues
 - If only 10% graduates enter cardiac - shortfall
- Need to keep that group within our specialty sphere
 - Dedicated programs
 - Sense of belonging
- Will be very attractive hospital recruits
 - Heart and vascular center leadership




DEBAKEY CV LIVE:
Deep in the Heart of Texas
MARCH 24, 2020

Training the CV Surgeon of the Future


<https://www.youtube.com/watch?v=m7kBTly-ePQ>




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DEBAKEY CV LIVE: Vascular Residents
OCTOBER 12, 2021

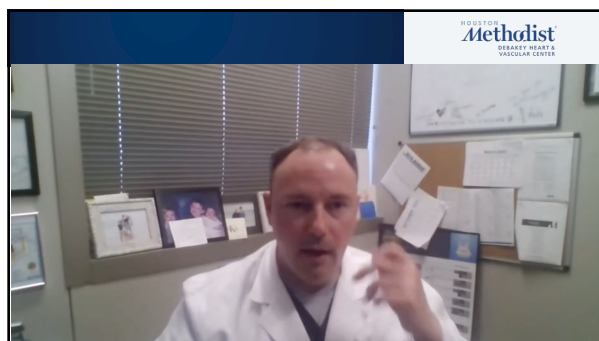
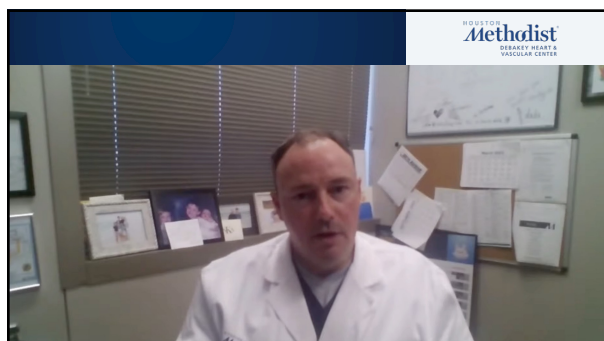
A Non-Traditional Route to Cardiac Fellowship: Integrated Vascular Surgery

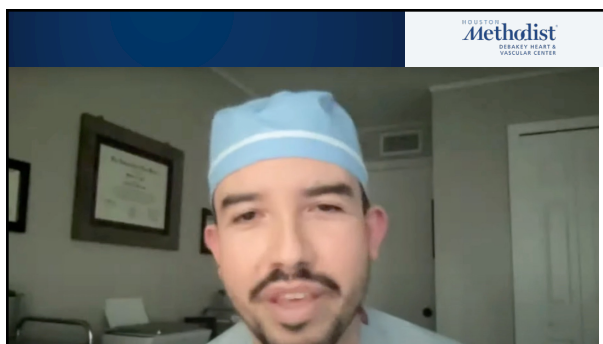


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This is obvious!



- Thoracic Surgeon
 - Recruit from General Surgery
- Cardiac Surgeon
 - Recruit from Integrated Vascular(I5)
- Cardiothoracic
 - Probably General Surgery
- Vascular + CT. better than I6 and only one more year.
- Concern: best not worst of both worlds!