Update on The Integrated Vascular Surgery Residency:

1. How Many 0+5 Vascular Surgery Programs Currently Exist?
2. Is There a Demand For More?
3. How Successful Are These Programs And How Competent Are The Finishing Trainees?

Update on The Integrated Vascular Surgery Residency:

- Match History
  - Steady increase in US applicants
  - 80% of PGY 1 positions filled with US grads
  - 6 Foreign Grads, 1 DO
  - 1 Unfilled program (filled in SOAP)

Update on The Integrated Vascular Surgery Residency:

- CONFLICTS OF INTEREST
  - Nothing to Disclose
  - Acknowledgement Drs. Mal Sheehan and Ash Mansour/APDVS

Update on The Integrated Vascular Surgery Residency:

- How many Integrated Programs Exist?
  - 2017 NRMP Match
    - 51 Programs, 60 Positions Offered
  - PGY 1 Integrated Vascular Surgery Positions

Update on The Integrated Vascular Surgery Residency:

- Match History
  - Steady increase in US applicants
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2/3 of applicants still ranking general surgery programs
Update on The Integrated Vascular Surgery Residency:

Is There a Demand for More Programs?

Table 1: Average Number of Resident Applicants Divided to 10 Residency Positions, 2010-2013

<table>
<thead>
<tr>
<th>Specialty</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>2013</th>
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</thead>
<tbody>
<tr>
<td>Vascular Surgery</td>
<td>2.7</td>
<td>3.3</td>
<td>4.1</td>
<td>4.4</td>
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Division of Vascular Surgery

Update on The Integrated Vascular Surgery Residency:

Update on The Integrated Vascular Surgery Residency:

How Successful Are These Programs and How Competent Are the Finishing Trainees?

2016 Vascular Surgery CE

Examinee Type | # Examinees | Pass Rate
|--------------|-------------|-------------
| Certified in General Surgery | 119 | 95% |
| Not Certified in General Surgery | 126 | 82% |
| Integrated (G-X) Graduate | 27 | 96% |
| Independent (5+2) Graduate | 341 | 80% |
| ESP (4+4) Graduate | 3 | 100% |

Division of Vascular Surgery
Update on The Integrated Vascular Surgery Residency:

Background: The first 2 integrated vascular surgery residents in the United States graduated in 2013, and in 2013, 11 more entered the program. The purpose of this study was to compare job search experience of the first cohort of integrated 0 + 5 graduates to their counterparts completing traditional 0 + 4 fellowship programs.

Methods: An anonymous, Web-based, 16-question survey was sent to all 11 graduating integrated residents in 2013 and to the 26 (64%) finishing fellows within the same institution. Questions focused on the following domains: training experience, job search timelines and outcomes, and overall satisfaction with each training experience.

Results: Survey response was nearly 97% for the 0 + 5 graduates and 94% for the 0 + 4 graduates. Overall, there was no significant difference between residents and fellows in the operating experience during their training. There were less pauses in their training and less time spent doing research. There was no significant difference between residents and fellows in the amount of research they completed. Overall, residents were somewhat more satisfied with their training and had more positive experiences during their job searches with respect to starting salaried, number of offers, and desired practice type. More residents chose academic and missed private practices compared with 0 + 2 fellows.

Conclusions: Although longer term data are needed to understand the impact of the addition of 0 + 5 graduating residents to the vascular surgery workforce, preliminary survey results suggest that this training paradigm (0 + 5) is an effective training experience that results in more satisfied residents and younger nurses with more positive experiences during their job searches with respect to starting salaries, number of offers, and desired practice type. More residents chose academic and missed private practices compared with 0 + 2 fellows.

Update on The Integrated Vascular Surgery Residency:

Conclusions

- Continued growth of integrated programs although slower in the past few years
- Still have high volume of qualified candidates
- Demand still high, and we need more programs
- Operative experience equivalent to fellowship, although unclear if competence equal
- IR perform just as well (if not better) on QE and CE
- Positive academic impact on Vascular Programs
- Positive experience in the job market