Implementation Of A Vascular Trauma Course For Military And Civilian Surgeons In Germany: Important For Dealing With Combat And Terror Situations

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Disclosure
Col Michael Engelhardt ............................................................

- have the following potential conflicts of interest to report:
  - Receipt of grants/research support
  - Receipt of honoraria and travel support
  - Participation in a company sponsored speakers’ bureau
  - Employment in industry
  - Shareholder in a healthcare company
  - Owner of a healthcare company

I do not have any potential conflict of interest

Vascular Trauma Course

Terror attacks increase the risk of vascular injuries

Elvan Hohenberg & Adil Gocmen, Adil Snison, Aris Basso, Gökhan Atmaca and Koki Ito

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Paris, Nov. 13th 2015

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Madrid
March 11th 2004

London
July 7th 2005

Moskau
January 24th 2011

Vascular Trauma 10% - 12%
Requested Additional Training Before First Deployment

<table>
<thead>
<tr>
<th>Surgical Discipline or Injury Type</th>
<th>Respondents, n (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extremity vascular repair</td>
<td>63 (68)</td>
</tr>
<tr>
<td>Neurosurgery</td>
<td>41 (29.9)</td>
</tr>
<tr>
<td>Orthopedics</td>
<td>59 (26.5)</td>
</tr>
<tr>
<td>Abdominal vascular repair</td>
<td>26 (27.9)</td>
</tr>
<tr>
<td>Thoracic</td>
<td>32 (23.4)</td>
</tr>
<tr>
<td>Burns</td>
<td>30 (21.9)</td>
</tr>
<tr>
<td>Ocular trauma</td>
<td>30 (21.9)</td>
</tr>
<tr>
<td>Bone</td>
<td>21 (21.2)</td>
</tr>
<tr>
<td>Gastrointestinal or reproductive</td>
<td>21 (18.3)</td>
</tr>
<tr>
<td>Pediatric surgery</td>
<td>18 (15.2)</td>
</tr>
<tr>
<td>Critical care</td>
<td>10 (7.3)</td>
</tr>
<tr>
<td>Glottis/trachea</td>
<td>2 (1.8)</td>
</tr>
</tbody>
</table>

*Responses may exceed 100% as respondents may choose more than one.*

DUO plus

Sustainment Training

- **Specialist**
  - 2nd Specialty
    - Own Choice
    - Orthopedic/Vascular/Thoracic/Vascular Surgery
  - 1st Specialty
    - General Surgery
      - 12 Months
        - Vascular Surgery
      - 18 Months
        - Vascular-Thoracic Surgery
      - 18 Months
        - Orthopedic Surgery
      - 24 Months
        - Common Trunk

- **General Surgeon**
  - 12 Months
    - Vascular Surgery
  - 18 Months
    - Vascular-Thoracic Surgery
  - 18 Months
    - Orthopedic Surgery
  - 24 Months
    - Common Trunk