The Impact of Out of Programme Periods on Time in General Surgical Training: a UK National Database Study

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Background

A Reference Guide for Postgraduate Specialty Training in the UK

The Gold Guide
Sixth Edition

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The Problem
Aims
Methods

- Surgical training records
- 1st August 2007- 1st June 2016
- 2 cohorts
- Out of Programme periods
- Time in training
Methods

Start of specialty training

Specialty Trainee 3
Specialty Trainee 4
OOPR 2 years
Specialty Trainee 5
Specialty Trainee 6
Parental leave
Specialty Trainee 7
Specialty Trainee 8

Completion of training

Unadjusted time in training

Adjusted time in training
# Results: Number & Duration of Out Of Programme Periods

<table>
<thead>
<tr>
<th>Out of Programme periods (all)</th>
<th>Number of trainees (%)</th>
<th>Total time taken, years (IQR)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CCT group (n=360)</td>
<td>165 (45.9)*</td>
<td>1.0 (0.6-1.2)*</td>
</tr>
<tr>
<td>In-Training group (n=994)</td>
<td>543 (54.6)*</td>
<td>2.0 (1.2-3.0)*</td>
</tr>
</tbody>
</table>

*p<0.01
<table>
<thead>
<tr>
<th>Research periods</th>
<th>Number of trainees (%)</th>
<th>Total time taken, years (IQR)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CCT group (n=360)</td>
<td>22 (6.1)^</td>
<td>2.0 (1.0- 2.1)*</td>
</tr>
<tr>
<td></td>
<td>^p&lt;0.001</td>
<td></td>
</tr>
<tr>
<td>In-Training group (n=994)</td>
<td>349 (35.1)^</td>
<td>2.0 (2.0- 3.0)*</td>
</tr>
</tbody>
</table>

^p<0.001  *p<0.01
Results: Regional Variation in Research Periods

13.2% research

41.9% research

P<0.001
## Results: Time in Training

<table>
<thead>
<tr>
<th></th>
<th>CCT cohort</th>
<th>In-Training cohort</th>
<th>In-Training with OOP</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Adjusted training time, years (IQR)</strong></td>
<td>6.0 (6.0- 6.5)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Unadjusted training time, years (IQR)</strong></td>
<td>6.0 (6.0- 7.0)</td>
<td>7.0 (6.0- 8.5)^</td>
<td>8.0 (7.0- 9.0)^</td>
</tr>
</tbody>
</table>

^ Predicted
Conclusions
Impact
Questions

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Cristel Santos