UPDATE ON INTERVENTIONAL RADIOLOGY SERVICES IN THE UNITED KINGDOM

Note: MDN = median, IQR = interquartile range (1st and 3rd quartiles), M = mean, SD = standard deviation.

The response rate was 204/618 (33%).

Q1 How many sessions (PAs and SPAs) of IR are in your jobplan?

<table>
<thead>
<tr>
<th>Number</th>
<th>Frequency</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>15</td>
<td>7.4%</td>
</tr>
<tr>
<td>2</td>
<td>53</td>
<td>26.0%</td>
</tr>
<tr>
<td>3</td>
<td>40</td>
<td>19.6%</td>
</tr>
<tr>
<td>4</td>
<td>31</td>
<td>15.2%</td>
</tr>
<tr>
<td>5</td>
<td>17</td>
<td>8.3%</td>
</tr>
<tr>
<td>6</td>
<td>9</td>
<td>4.4%</td>
</tr>
<tr>
<td>7</td>
<td>5</td>
<td>2.5%</td>
</tr>
<tr>
<td>8</td>
<td>2</td>
<td>1.0%</td>
</tr>
<tr>
<td>Other</td>
<td>32</td>
<td>15.7%</td>
</tr>
</tbody>
</table>

Q2 How many sessions of procedural IR are in your jobplan?

<table>
<thead>
<tr>
<th>Number</th>
<th>Frequency</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>17</td>
<td>8.3%</td>
</tr>
<tr>
<td>2</td>
<td>64</td>
<td>31.4%</td>
</tr>
<tr>
<td>3</td>
<td>55</td>
<td>27.0%</td>
</tr>
<tr>
<td>4</td>
<td>37</td>
<td>18.1%</td>
</tr>
<tr>
<td>5</td>
<td>11</td>
<td>5.4%</td>
</tr>
<tr>
<td>6</td>
<td>3</td>
<td>1.5%</td>
</tr>
<tr>
<td>7</td>
<td>3</td>
<td>1.5%</td>
</tr>
<tr>
<td>8</td>
<td>0</td>
<td>0.0%</td>
</tr>
<tr>
<td>Other</td>
<td>14</td>
<td>6.9%</td>
</tr>
</tbody>
</table>

Figure 1 Number of sessions in jobplan comparing IR and procedural IR.
Q3 How many sessions of related IR activities (e.g. MDTs/clinics) are in your jobplan?
- 0: 60 (29.4%)
- 0.5: 56 (27.5%)
- 1: 51 (25.0%)
- 2: 15 (7.4%)
- 3: 7 (3.4%)
- 4: 1 (0.5%)
- 5: 1 (0.5%)
- Other: 13 (6.4%)

Q4 Does this include time for audit/data collection?
- Yes: 33 (18.4%)
- No: 146 (81.6%)

Q5 How many hours per week do you spend on data collection (if none, enter "0")?
MDN=1, IQR=0-1; M=0.87, SD=1.00

Q6 What type of intervention do you perform? (Select as many as are appropriate by holding down the Ctrl key whilst clicking)
- Vascular: 151 (74.0%)
- Acute trauma: 90 (44.1%)
- Gastroenterological: 134 (65.7%)
- Urological: 151 (74.0%)
- Hepatobiliary: 139 (68.1%)
- Gynaecological: 72 (35.3%)
- Neuro: 12 (5.9%)
- Musculoskeletal: 29 (14.2%)
- Other: 18 (8.8%)

Note: vascular only 5/151 (3.3%), gastroenterological only 0/134 (0.0%), hepatobiliary only 3/139 (2.2%), neuro only 9/12 (75%), musculoskeletal only 3/29 (10.3%)

Q7 Obstetric IR availability in your trust (Please click on the appropriate option from the list below)
- Maternity theatre: 19 (9.3%)
- Same building as maternity theatre: 58 (28.4%)
- Requires transfer to other building or hospital premises: 84 (41.2%)
- Other: 49 (24.0%)

Note: 23 (11.3%) reported no obstetric IR availability in their trust.

Q8 Using the definition given in the introduction, how many interventional radiologists are there in your department?
MDN=3, IQR=2-5; M=3.85, SD=2.08

Q9 How many years have you been a consultant (from first ever appointment)?
MDN=11, IQR=5-17; M=11.14, SD=6.66

Q10 Were you appointed to your current consultant post as an interventional radiologist or was your interest in IR developed in your current consultant post?
- Appointed as an interventional radiologist: 151 (74.0%)
- Developed interest in current post: 49 (24.0%)
Figure 2 Number of allocated sessions spent providing formal training in IR to each of the above categories.

Q12 For approximately how many hours per week do you provide informal training in IR for the following (if none, enter "0"):

Clinical radiology trainees MDN=1, IQR=0-2; M=1.77, SD=3.29
Other medical specialists MDN=0, IQR=0-0; M=0.15, SD=0.57
Vascular surgeons MDN=0, IQR=0-0; M=0.26, SD=0.73
Radiographers MDN=0, IQR=0-0; M=0.33, SD=1.93
Others MDN=0, IQR=0-0; M=0.10, SD=0.76

Others please specify
Figure 3 Approximate number of hours per week spent providing informal training in IR to each of the above categories.

Q13  Do you provide IR services out of hours within your trust?
   Yes  177 (86.8%)
   No   26 (12.7%)

Q14  If "yes", is provision
      Formal rota  52/180 (28.9%)
      Informal/ad hoc  128/180 (71.1%)

Q15  If "formal", please state frequency
      1 in 2  1/58 (1.7%)
      1 in 3  3/58 (5.2%)
      1 in 4  16/58 (27.6%)
      1 in 5  14/58 (24.1%)
      1 in 6  6/58 (10.3%)
      1 in 7  1/58 (1.7%)
      1 in 8  9/58 (15.5%)
      Other  8/58 (13.8%)
**Figure 4** Frequency of formal provision of out of hours IR services.

**Q16** If "informal/ad hoc", please state approximately how many hours per week you perform out of hours IR

MDN=1, IQR=1-2; M=1.47, SD=1.52

**Figure 5** Approximate number of hours per week spent performing out of hours IR on an informal/ad hoc basis.
Q17  Do you provide IR services out of hours for other trusts?
   Yes .......................... 57 (27.9%)
   No ............................ 146 (71.6%)

Q18  If "yes", is provision
      Formal rota ................. 8/65 (12.3%)
      Informal/ad hoc .......... 57/65 (87.7%)

Q19  If "formal", please state
      1 in 2 ....................... 2/13 (15.4%)
      1 in 3 ....................... 0/13 (0.0%)
      1 in 4 ....................... 3/13 (23.1%)
      1 in 5 ....................... 4/13 (30.8%)
      1 in 6 ....................... 0/13 (0.0%)
      1 in 7 ....................... 0/13 (0.0%)
      1 in 8 ....................... 0/13 (0.0%)
      Other ....................... 4/13 (30.8%)

Q20  If "informal/ad hoc", please state approximately how many hours per week you
      perform out of hours IR for other trusts
      MDN=1, IQR=0-2; M=5.55, SD=23.99

Q24  Please tell us which region you work in:
      England - Cheshire and Merseyside  2 (1.0%)
      England - East .......................... 9 (4.4%)
      England - East Midlands ............. 13 (6.4%)
      England - London North East ........ 6 (2.9%)
      England - London North West ....... 13 (6.4%)
      England - London South ............... 14 (6.9%)
      England - North East .................. 7 (3.4%)
      England - North West .................. 17 (8.3%)
      England - South ....................... 7 (3.4%)
      England - South East ................. 23 (11.3%)
      England - South West ................. 21 (10.3%)
      England - West Midlands ............. 22 (10.8%)
      England - Yorkshire and Humberside 20 (9.8%)
      Northern Ireland ...................... 3 (1.5%)
      Scotland ............................ 17 (8.3%)
      Wales - Mid and West .................. 3 (1.5%)
      Wales - North ....................... 0 (0.0%)
      Wales - South East ................... 6 (2.9%)