Senior Student Assistantship Survey

WBS/ ALL WALES TRANSFUSION PRACTITIONER TEAM

2016
BACKGROUND
METHOD

• Questionnaire V3
• Paper and electronic copy
• Sent to Post Grad departments of all Welsh Health Boards to cascade
• Sent via e-mail to all junior doctors in Wales – N = 850 F1,F2 and CT1 grade, 2088 Senior grade
• 116 forms returned
• 12% return junior grades, 0.7% return SpR
NUMBER OF PARTICIPANTS
Split into Wales/ Rest of the World

Grades (116 responses)

<table>
<thead>
<tr>
<th>Grade</th>
<th>Wales</th>
<th>ROW</th>
</tr>
</thead>
<tbody>
<tr>
<td>F1</td>
<td>45</td>
<td>29</td>
</tr>
<tr>
<td>F2</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>CT1</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Above</td>
<td>4</td>
<td>12</td>
</tr>
</tbody>
</table>
Evaluation of SSA (2015)

Feedback

<table>
<thead>
<tr>
<th>Question</th>
<th>Strong Disagree</th>
<th>Disagree</th>
<th>Agree</th>
<th>Strongly Agree</th>
<th>Question not on feedback form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aims/Obj achieved?</td>
<td>5</td>
<td>6</td>
<td>69</td>
<td>141</td>
<td></td>
</tr>
<tr>
<td>Teaching methods appropriate?</td>
<td>3</td>
<td>7</td>
<td>66</td>
<td>145</td>
<td></td>
</tr>
<tr>
<td>Relevant Topics?</td>
<td>6</td>
<td>5</td>
<td>63</td>
<td>147</td>
<td></td>
</tr>
<tr>
<td>Encouraged to Participate?</td>
<td>4</td>
<td>8</td>
<td>54</td>
<td>125</td>
<td></td>
</tr>
<tr>
<td>Duration of session right?</td>
<td>5</td>
<td>12</td>
<td>57</td>
<td>124</td>
<td></td>
</tr>
<tr>
<td>Content applicable to practice?</td>
<td>5</td>
<td>6</td>
<td>57</td>
<td>123</td>
<td></td>
</tr>
</tbody>
</table>

Legend:
- Strongly Agree
- Strong Disagree
- Disagree
- Agree
- Question not on feedback form
Current Tx Awareness – All Grades

Current Tranfusion Awareness (116 responses)

- Up to date and well informed:
  - Wales: 22
  - ROW: 19
- Reactive to events - positively seeking info:
  - Wales: 32
  - ROW: 28
- Go with the flow and rely on colleagues:
  - Wales: 7
  - ROW: 5
- Doesn’t appear on my horizon:
  - Wales: 0
  - ROW: 0
- NR:
  - Wales: 1
  - ROW: 2
F1’s

F1- Current Transfusion Awareness (74 responses)

- Up to date and well informed: Wales 18, ROW 13
- Reactive to events - positively seeking info: Wales 21, ROW 13
- Go with the flow and rely on colleagues: Wales 6, ROW 2
- Doesn’t appear on my horizon: 0
- NR: 0
Tx Responsibilities

Decision to Transfuse

Prescribing/Authorising

Pre transfusion samples

Collection of Blood

Administration

Transfusion Reactions
Tx Responsibilities – F1’s

Decision to Transfuse
- Daily: 41%
- Weekly: 10%
- Monthly: 41%
- Rarely: 4%
- Never: 4%

Prescribing/Authorising
- Daily: 45%
- Weekly: 39%
- Monthly: 8%
- Rarely: 8%
- Never: 12%

Pre transfusion samples
- Daily: 45%
- Weekly: 33%
- Monthly: 8%
- Rarely: 8%
- Never: 12%

Collection of Blood
- Daily: 69%
- Weekly: 19%
- Monthly: 10%
- Rarely: 2%
- Never: 2%

Administration
- Daily: 57%
- Weekly: 8%
- Monthly: 33%
- Rarely: 2%
- Never: 10%

Transfusion Reactions
- Daily: 55%
- Weekly: 35%
- Monthly: 10%
- Rarely: 10%
- Never: 10%
Future Development/Recommendations

• Non-medical authorisation of blood transfusion (NMA/NABT)
• Progressive standardised programme to Medical Education post-grad
• Re-survey all F1’s in 2016 to compare the medical students trained in Wales to others
Lessons Learnt

• Trying to capture all Junior Doctors
• No control of the processes around distribution of the questionnaire
• Even though piloted and changed on 3 occasions – still didn’t answer all our questions
• Should have got baseline data in 2009 when started
On Reflection

• Good example of collaboration with every Health Board in Wales.
  
  Better Blood Transfusion Team - WBS
  Transfusion Practitioners
  Post and Under Graduate Education Departments
  and Clinical Skills Trainers

• Working together to provide a standardised package to prepare Doctors for clinical work

• Most doctors felt well informed and able to react to events – is this a lack of awareness of their Transfusion knowledge?
“I didn’t know what I should have known until you taught me!”

F1 – ABUHB 2014