



**Association  
of Anaesthetists**

# Human Factors - Cognitive aids and principles of design

**Monday 13 March 2023**

**Location:** 21 Portland Place, London

**Organisers:** Dr Paul Greig, Oxford

<b>09:30</b>	<b>Registration / tea and coffee</b>
<b>09:55</b>	<b>Welcome</b> Dr Paul Greig, Oxford
<b>10:00</b>	<b>The psychology of error 1103, 1105</b> Dr Paul Greig, Oxford
<b>10:45</b>	<b>Principles of design and ergonomics 1105</b> Dr Helen Higham, Oxford
<b>11:45</b>	<b>Cognitive aid design 1 1103</b> Dr Paul Greig, Oxford
<b>12:25</b>	<b>Lunch</b>
<b>13:25</b>	<b>Cognitive aid design 2 1103</b> Dr Helen Higham, Oxford
<b>14:05</b>	<b>Case Study: Responding to a never event 3J01, 1105</b> Dr Paul Greig, Oxford
<b>14:45</b>	<b>Tea and coffee</b>
<b>15:00</b>	<b>Design Clinic 1105</b> Dr Helen Higham, Oxford
<b>16:45</b>	<b>Close of meeting</b>

**This seminar covers the following domains:**

Domain 1: Knowledge, skills and performance

Domain 3: Communication, partnership and teamwork

**Learning objectives:**

1. Introduce how psychology contributes to error, and how to mitigate predictable failures
2. Introduce principles of design relevant to the development of effective cognitive aids
3. Describe the basic principles of colour choice, iconography, and cognitive aid design
4. Introduce the concepts of hierarchy of recommendations, and explore iterative design using a real case study
5. Encourage a design-focussed conversation between delegates structured around their needs