Development of clinical reasoning and case-based decision-making skills in different rotation systems.

Methodology for a comparative project.

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Two rotation models
1. Internal, hospital-centred
2. External, partner practices

Question
Do these systems differ in their impact on clinician development?

Aim
Evaluate and compare development of clinical reasoning and decision-making skills in these contrasting systems

A novel methodology, evaluating a wide spectrum of reasoning elements

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<thead>
<tr>
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<table>
<thead>
<tr>
<th>Un-necessary or almost unnecessary</th>
<th>Less necessary</th>
<th>Neither more nor less necessary</th>
<th>More necessary</th>
<th>Completely or almost completely necessary</th>
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<table>
<thead>
<tr>
<th>Test</th>
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• Script concordance test score
• Analysis of think aloud transcript for:
  - Hypothesis development
  - Analytical/intuitive reasoning
  - Confirming/disconfirming strategies

Future work
Compare across clinical disciplines
Track development throughout the course
Comparison with other clinical degrees

¹: University of Liverpool, Institute of Veterinary Science
²: University of Surrey, School of Veterinary Medicine