



Critical thinking and decision-making in clinical radiographic practice - Implication for education and training.

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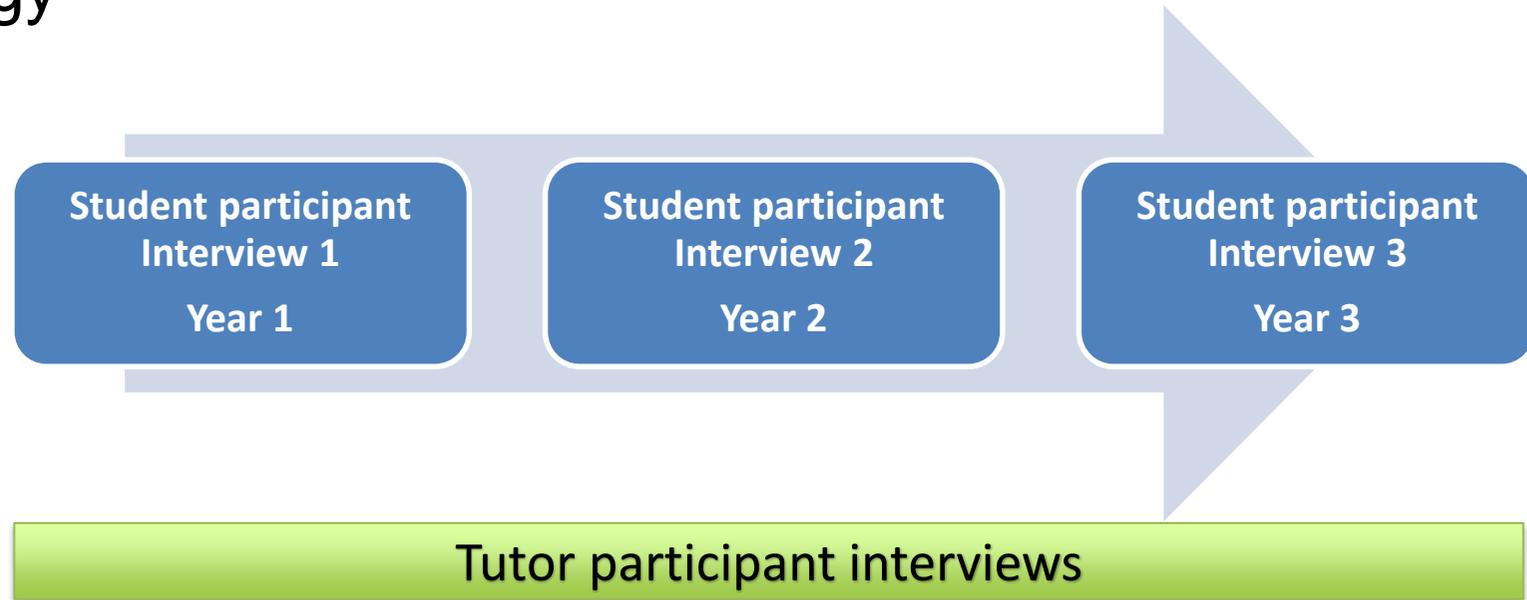
Study

- Purpose
- Rationale



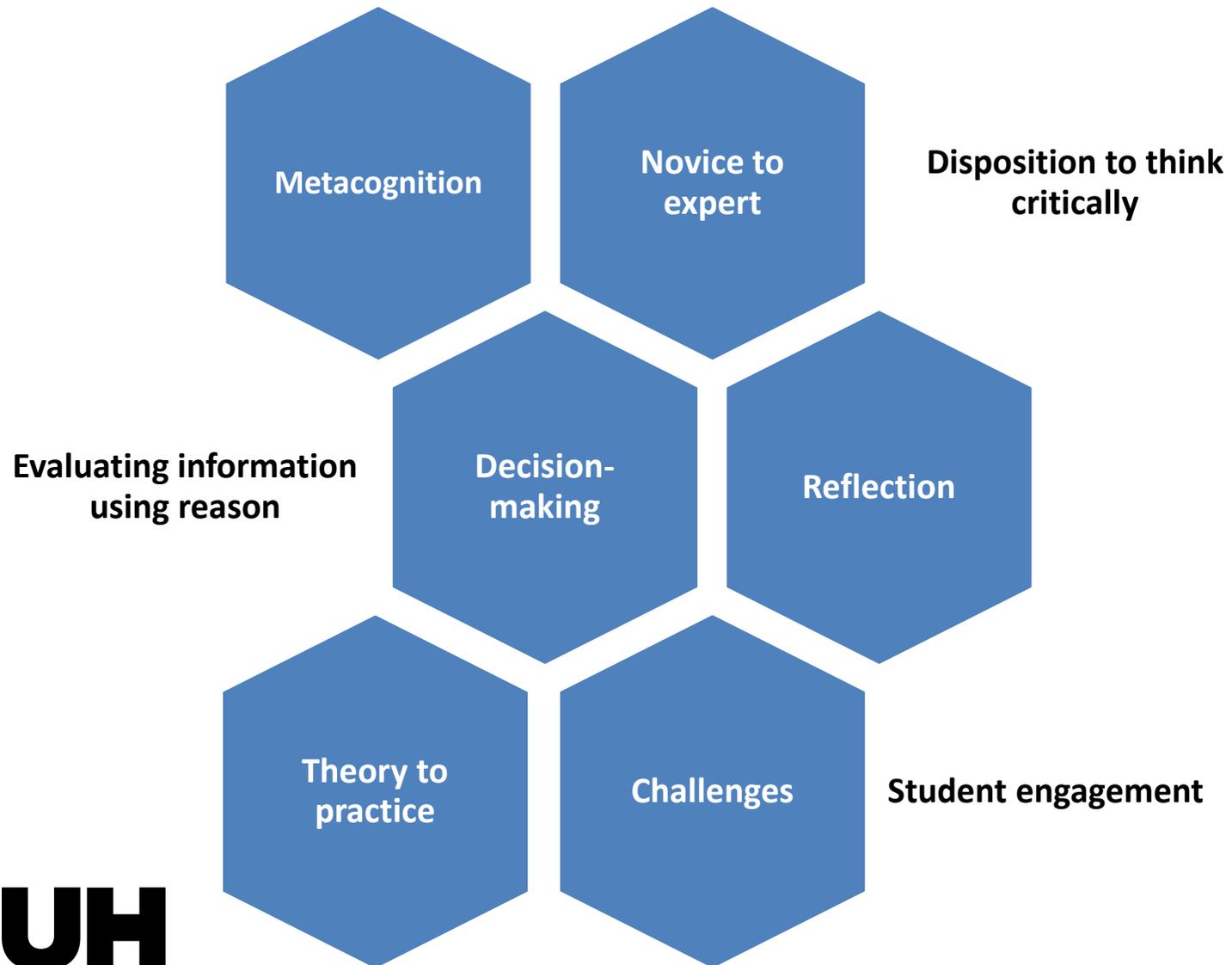
Research design

- Methodology
- Method



- Data analysis and interpretation
 - Trustworthiness
 - Reflexivity

Findings



Decision-making

- *“...it makes you take a step back and consider the decisions you make. When you are making a decision for the patient, especially a complex decision, you realise that the decisions you make has a bigger impact than you initially thought...” (SP5)*



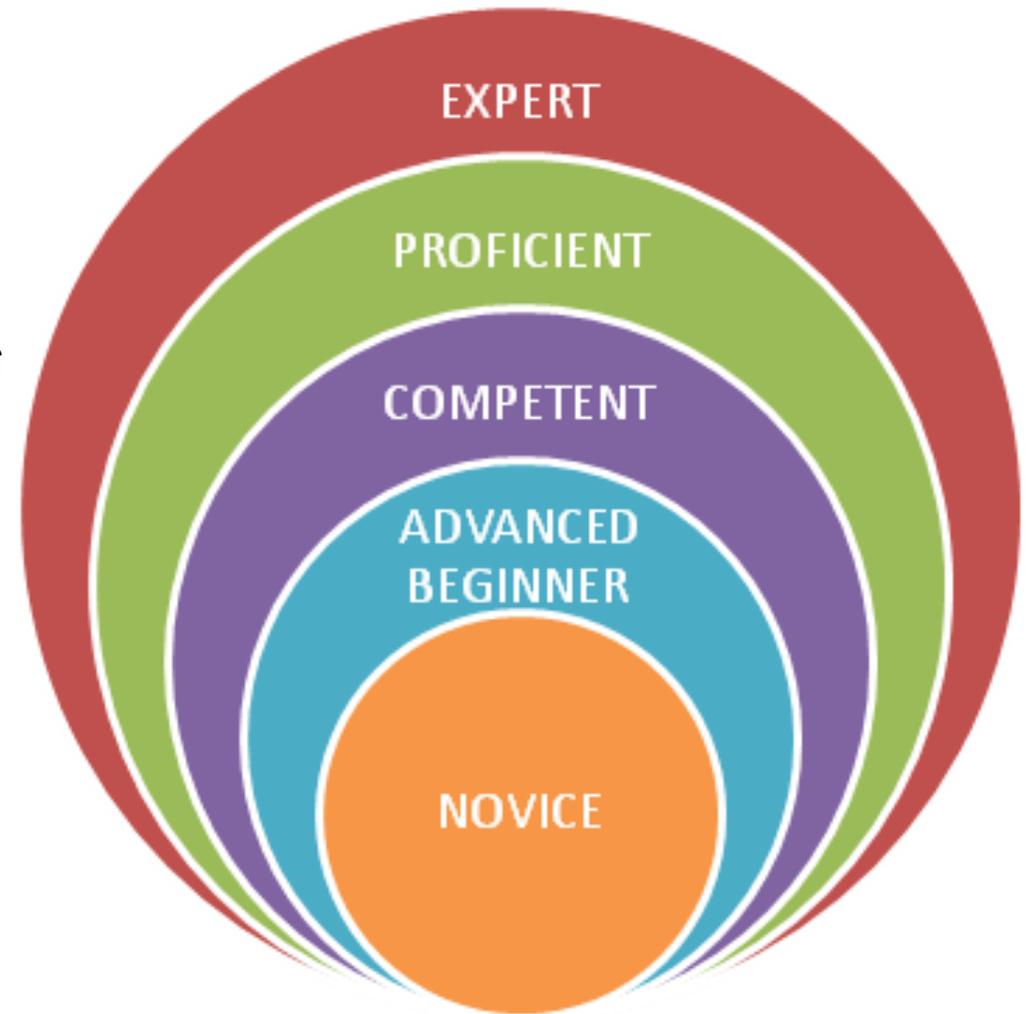
Reflection

“...not all critical thinking is reflection but all reflection is critical thinking...” (SP12)



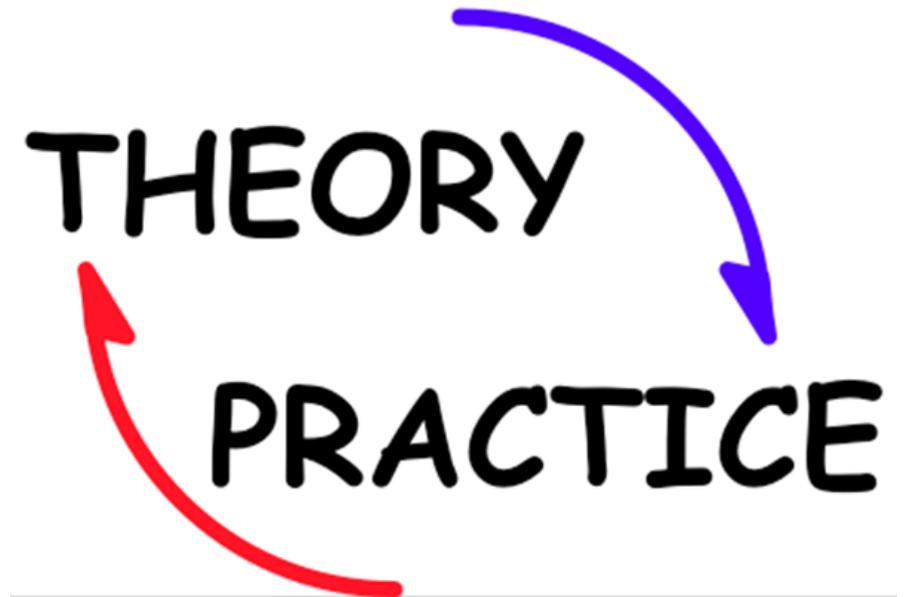
Novice to expert

“...simple tasks, like justifying routine examinations like chest X-rays, will bypass critical thinking as you do lot of simple tasks on a daily basis. A complex task, like prioritising patient lists, would require critical thinking as you have to consider a number of things...” (SP2)



Conclusion

- Pedagogical considerations
 - Teaching and learning activities
 - Student engagement



Work in progress

- Consideration of
 - Discipline specific definition of critical thinking
 - Model of critical thinking development in radiography

Key references

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