

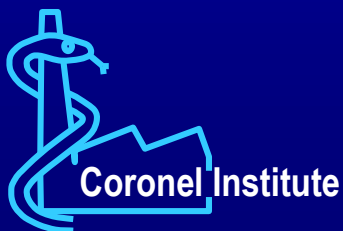


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Using real workplaces A problem-based learning approach

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Using real workplaces

Using real workplaces: Yes of course, but WHY?

In postgraduate medical education participants have experiences
Use these own real practice experiences.

Goal of postgraduate training is improving performance in practice
Focus on improving their own real practice performance.



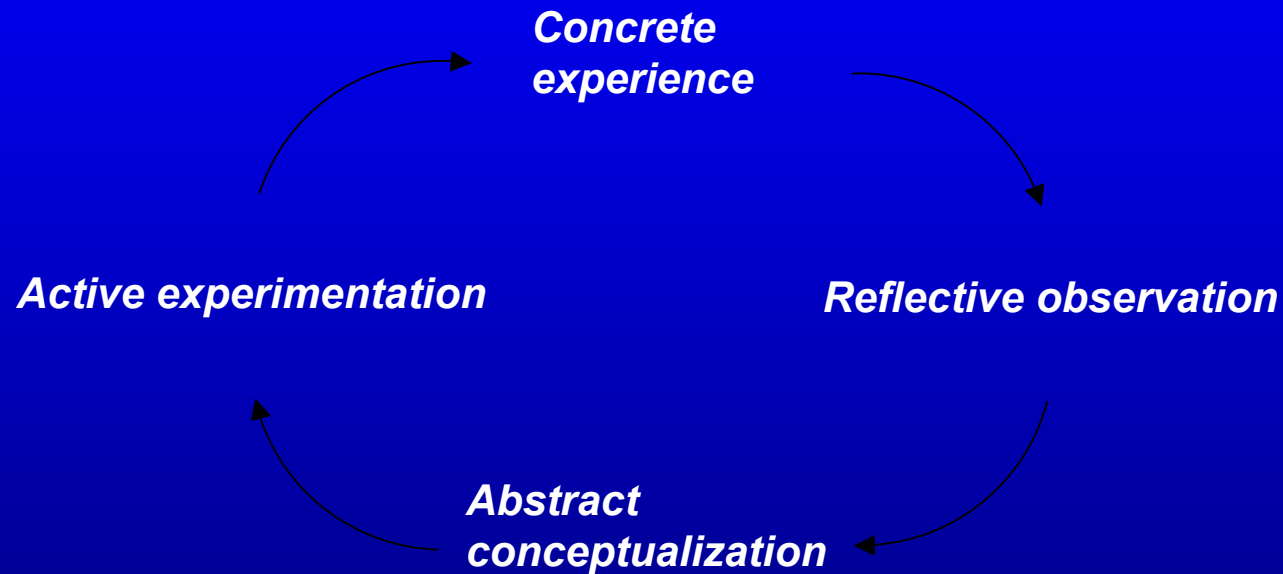
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Using real workplaces Experiential Learning



Experiential learning (David Kolb)



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A Problem-Based Learning approach

4 steps educational design

Using real workplaces: Yes of course, but HOW?

- 1. Own problems, learning objectives and experiences (e.g. a real workplace health problem) as a starting point in the training session: brainstorming**
- 2. Consensus on key problems and performance possibilities**
- 3. Study (e.g. EBM) or experimenting (new experiences) in their own practice**
- 4. Reporting new knowledge or questions and practical experiences**



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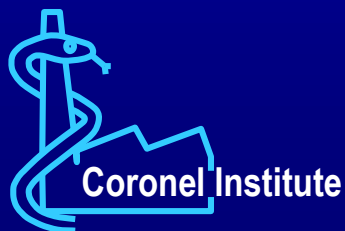


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A Problem-based Learning approach

Educational context

- **Small group, interactive**
 - **Activates prior knowledge**
 - **Brings to the surface real practice performance**
- **A group member chairs the session**
 - **Group members more open**
 - **Helps the tutor to play a free facilitators' role**
- **Tutor with content and educational expertise**



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Problem-based Learning Approach pros and cons

Results of our experiment PBL vs Lecture-Based*

- Both equally effective in improving knowledge
- Performance increased more in PBL
- PBL groups were less satisfied

* Problem-based learning versus lecture-based learning in postgraduate medical education.
Smits PB, de Buissonjé CD, Verbeek JH, van Dijk FJ, Metz JC, ten Cate OJ.
Scand J Work Environ Health. 2003 Aug;29(4):280-7



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Using real workplaces as a teaching platform: some conclusions

- A PBL format improves performance (skills / abilities in practice)
- Try to design an attractive PBL teaching experience, based on real experiences

Another teaching format that uses practice experiences:

Action learning: integration of teaching and daily work, pushes participants to action for the benefit of their own organization



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Thank you for your attention!

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