



Clinical Skills Center (KTC) at the Karolinska University Hospital

Committed to Competency and Patient Safety

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Creative thinkers

- Eva Östling
- Christina Hägglund
- Linnea Löwenborg
- Yvonne Lundin
- Elin Hedbrandh
- Björn Lindgren
- Tomas Askerud
- Magnus Kjellman
- Italo Masiello





Two intertwined tracks

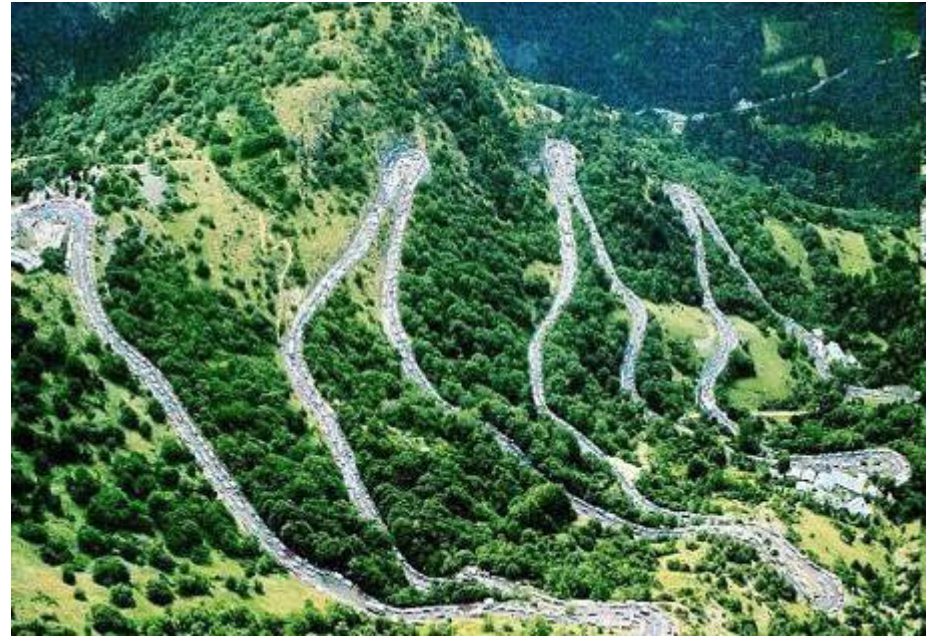
- Enhancing clinical skills training
- Evidence-based education





KTC Vision

- KTC has the ambition to enhance skills training and competency through evidence-based education while bringing forward our research and educational agenda to play in the local and international arenas.
- How and when does patient safety come into play at KTC?



L'Alpe d'Huez



Enhancing clinical skills training at KTC

Quality assurance actions:

1. Complement traditional learning opportunities
2. Proficient in communication, clinical skills and practical procedures
3. Safer environment for training and structured use of innovative techniques in medical education
4. Integration—from theory to practice—curriculum planning
5. From skills centre to workplace practice

Core knowledge and basic skills are not enough for professional competence, Epstein and Hundert (2002), JAMA 287(2)



Evidence-based education at KTC

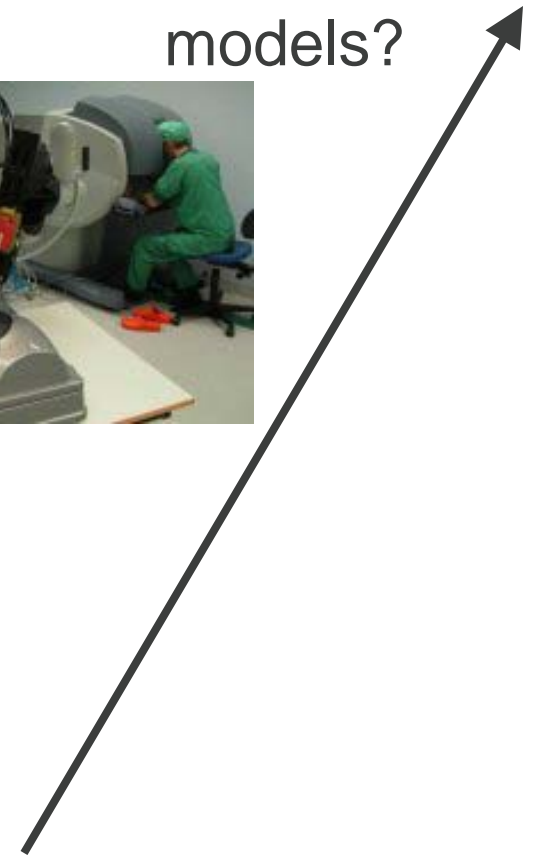
- Progressive learning. What?
 - Gradual changes in simulation attributes—task difficulty and information content—as the user’s ability improves with training

Brydges et al. (2010) *Academic Medicine* 85(5)

- Progressive learning. Why?
 - Experiential
 - Assimilation
 - Demonstration
 - Explanation
 - Supervision
 - Feedback
 - Clinical examination
 - Repeated deliberate practice

Progressive learning, John Dewey

Examination
on animal
models?





Simulation training = patient safety?

- In few areas but long from all, especially not team training
- Our plan is to understand which terms make the above equation true

KTC: At the intersection of learning

- From “high practice” to individual and team competency
- Counting errors – what are they good for if we do not have follow-up measures, that is, error management?

