

Propositions belonging to the PhD thesis

The Role of Patient Management Knowledge in the Development of Medical Expertise

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1. Although patient workup consists of diagnosis and management, medical expertise research has almost exclusively focused on diagnostic performance (this thesis).
2. As a result of most medical curricula, an illness script is first tuned towards diagnostic tasks, and then, because of gradual integration of management knowledge in later years, it also becomes capable of accommodating management tasks (this thesis).
3. Becoming a medical expert entails the improvement of management knowledge, beginning with a quantitative growth and later continuing with a qualitative enrichment (this thesis).
4. Medical experts are able to simultaneously provide more accurate diagnoses and management plans in clinical settings than medical students (this thesis).
5. The gap between diagnostic and management knowledge at an intermediate level of expertise, which could lead to inaccurate management plans, should be an area of concern for medical educators as this group will shortly graduate and start practicing independently (this thesis).
6. Theories are nets cast to catch what we call “the world”: to rationalize, to explain, and to master it. We endeavor to make the mesh ever finer and finer (Karl Popper).
7. In medicine, “good is what is useful, even when we don’t know why” (Richard Koch).
8. Although a student-centered education, as opposed to a teacher-centered one, is highly appreciated nowadays, we still should not forget that our students still need to be taught *how* to learn.
9. Web surfing is no longer a harmless leisure, if you know that each click to search the web makes the world slightly warmer.
10. Our modern life has its roots in Enlightenment, simply because in the absence of electricity, our modern civilization, as we know it, could not survive.
11. It is not unlikely that expertise studies started with chess only because the most influential pioneer of the field, Adriaan de Groot, was both a chess master as well as a psychologist.