

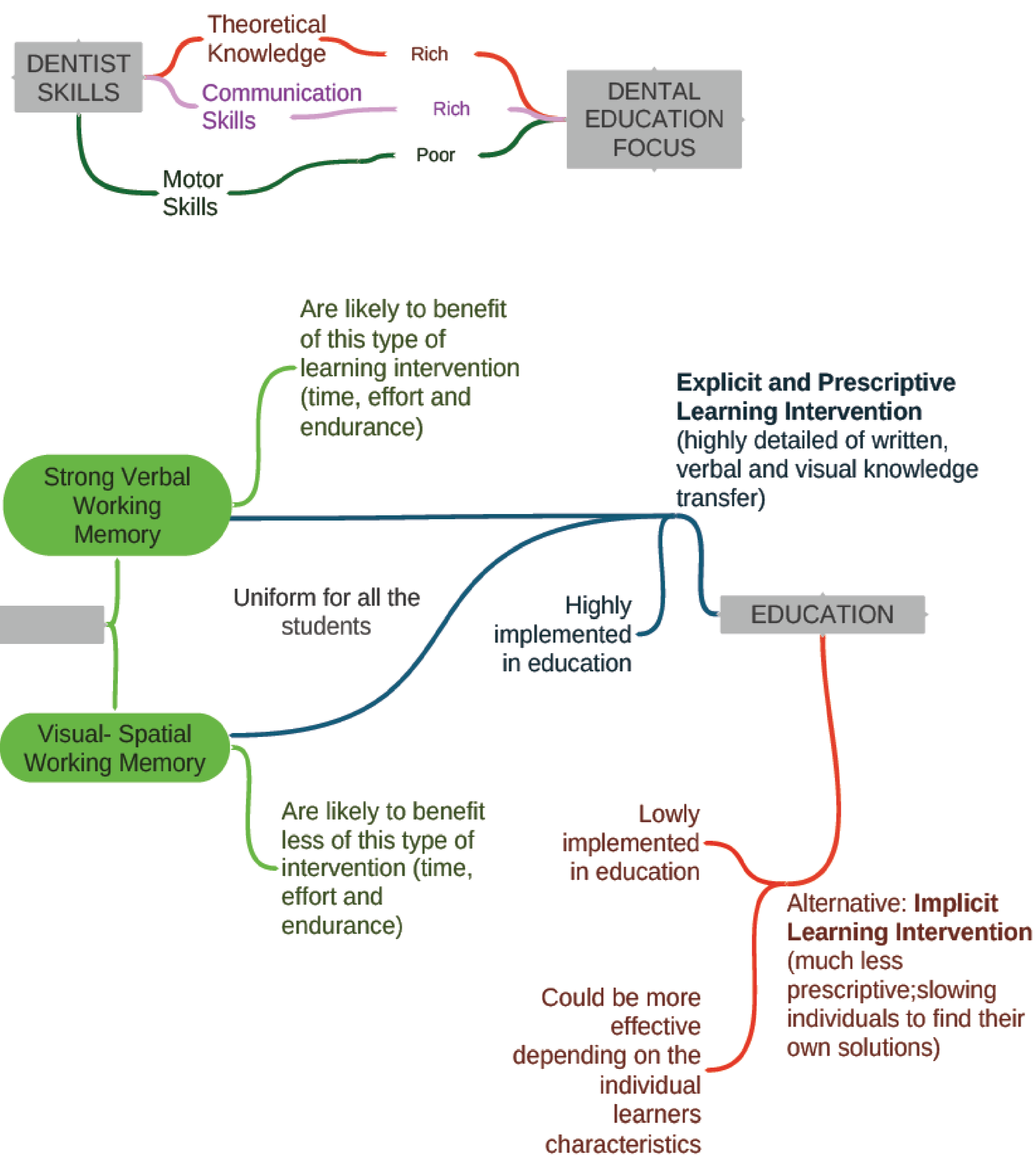
Learning Motor Skills in Dental Education

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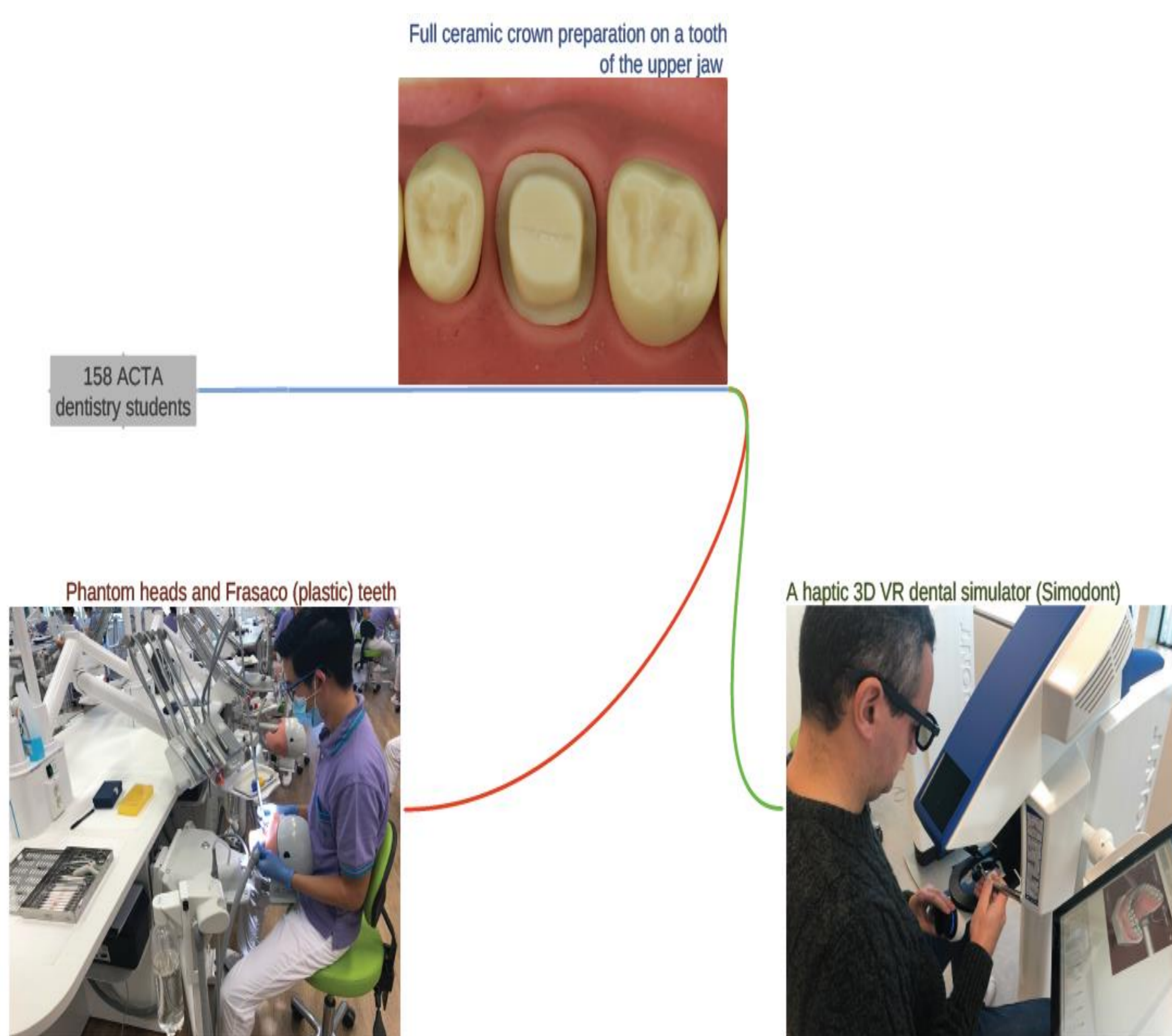
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Context and Problem



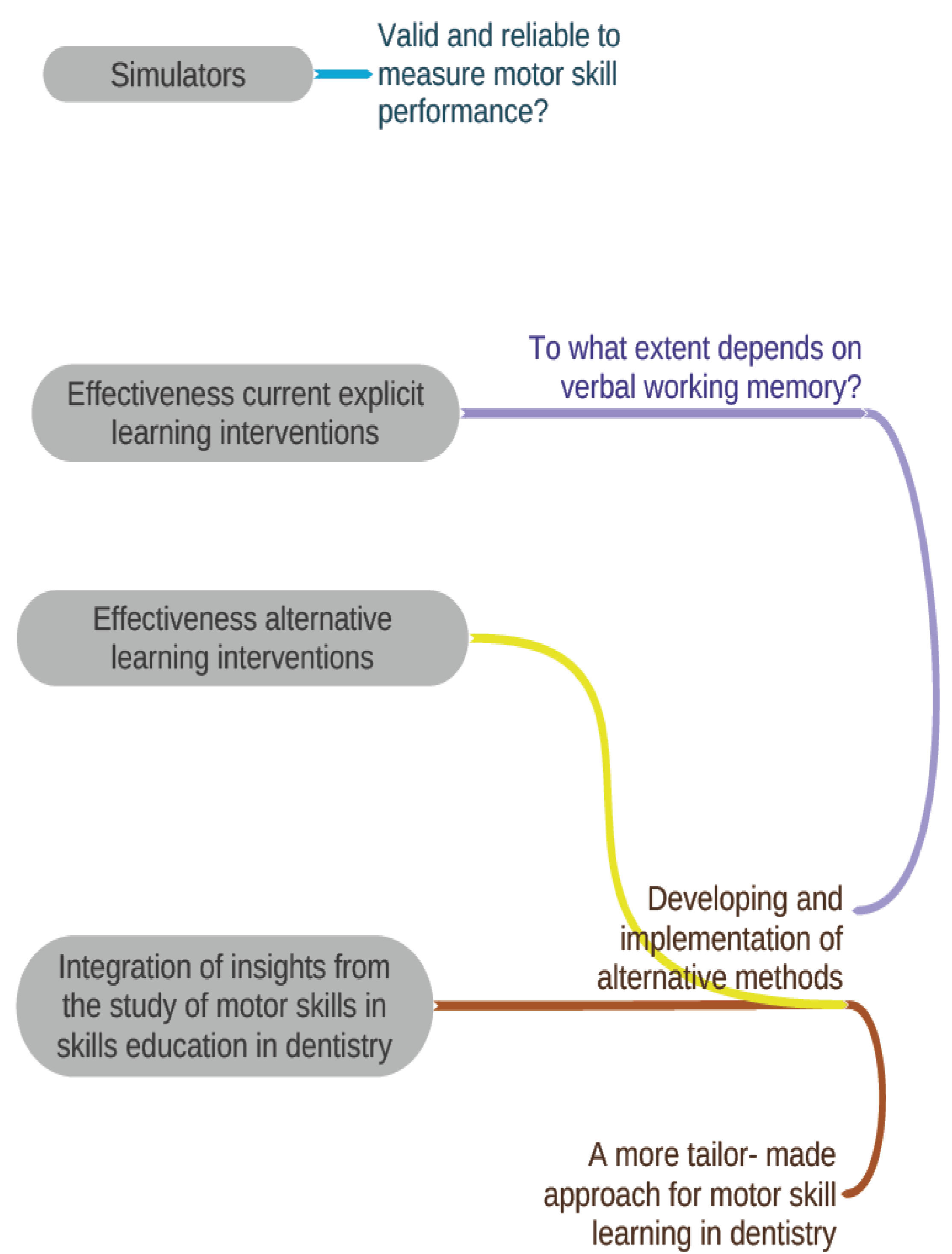
Deployment in Education



The Project will test

- To what extent these simulators can be used effectively?
- What characteristics of the students (working memory) influence that effectiveness?

Innovation / Solution



Concrete revenues

- This project innovates the skills education through the integration of recent insights from the study of skill learning.
- The students can develop motor skills optimal in terms of time, effort and endurance.
- The final yield is an evidence-based skills education that takes as a starting point the diversity of learning potential of dental students.
- Scientific publications about learning motor skills in general, and especially in dentistry.
- The results can contribute to other disciplines where motor skills are crucial, like surgeons, pilots, etc.

Viability and Risks

- The chance of success is high and the risks are low.
- The newest versions of Simodont® are expected to arrive to ACTA in april- may 2020. A delay in the arrival of the new units or other logistic problems because of the use of new devices could cause a small delay in the project.
- This small project using ICT tools is part of a bigger project that will take around 4- 5 years to be finished.