Objective:
Planning of minimal invasive surgery for treating cancer relies on information from pre-operative images. However, during surgery the patient positioning and damages to structures that keep organs in place make it hard to identify carcinogen areas. The goal of this project is to develop a digital model of the human that allows to merge the preoperative images with the situation during the surgery and to transfer this information to the surgeon using virtual reality.

Profile:
We are looking for an enthusiastic master student in Computing Science. We expect a student with excellent communication and networking skills. This project will be executed in close collaboration with ENTEG and UMCG.

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