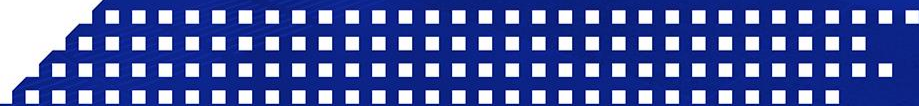


Improving tumor surgery

bringing Pathology closer to the action

Senada Koljenović MD, Ph.D (Raman)



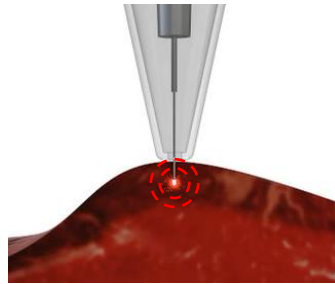
Erasmus MC
Universitair Medisch Centrum Rotterdam



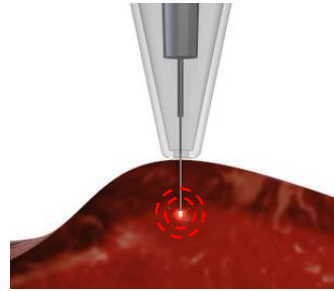
MarginGuide – improving oncological surgery



measurement



healthy tissue



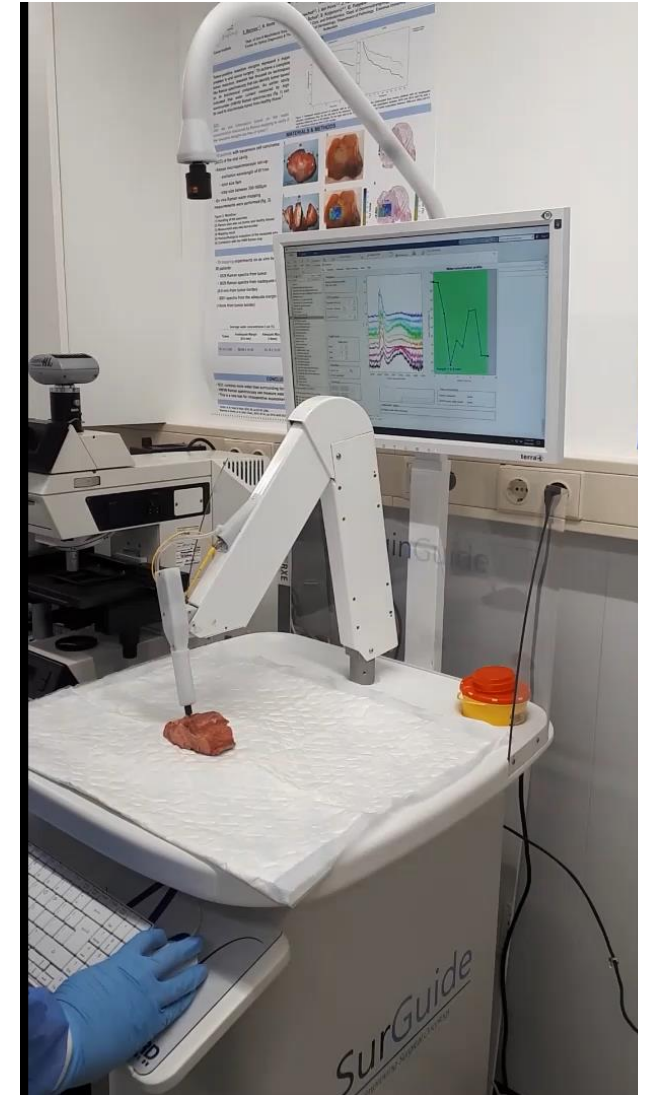
tumor

Status:

validation studies in progress

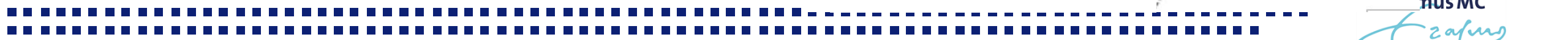
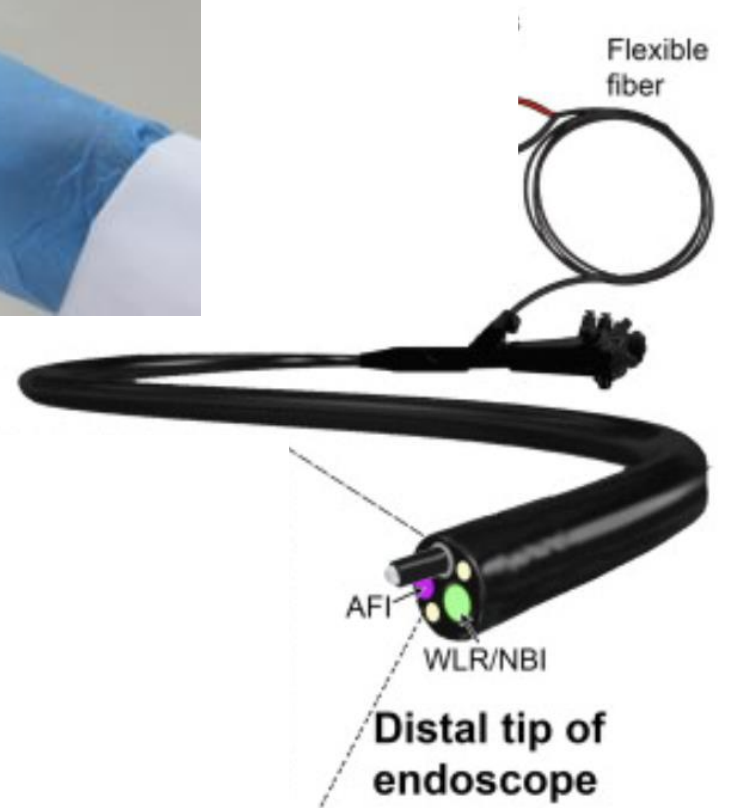
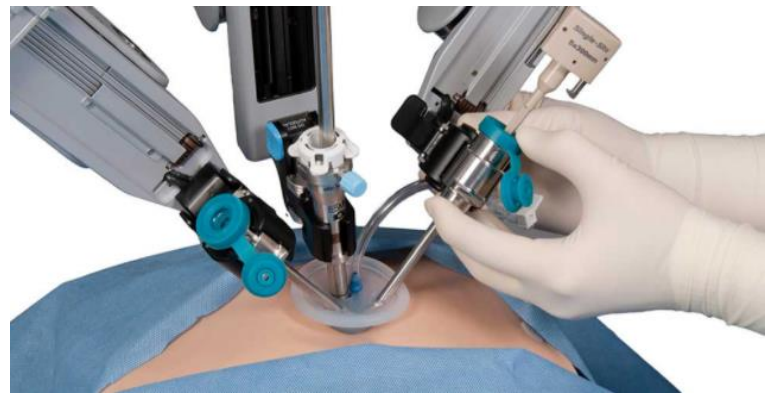
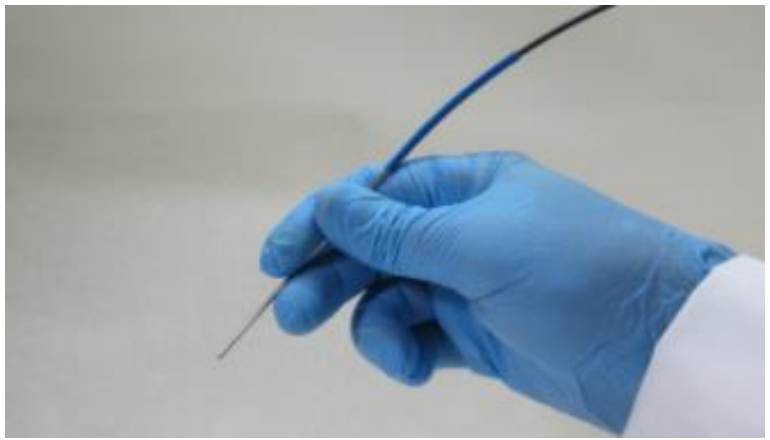
Expectation:

from <20% to >50% complete tumor resection (oral cavity cancer)



Fiber optic Raman technology platform

Collaboration with art photonics & RiverD



What can you do for me? what can I do for you?

Every new photonics technology needs pathology for medical application development and validation.

Pathology needs photonics technology for increased objectivity, efficiency and to get closer to the action, to have a bigger effect on patient outcome.

You have a friend on the inside, with a Ph.D in Raman spectroscopy

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