



Collaboration between GE Vingmed and Oslo University Hospital

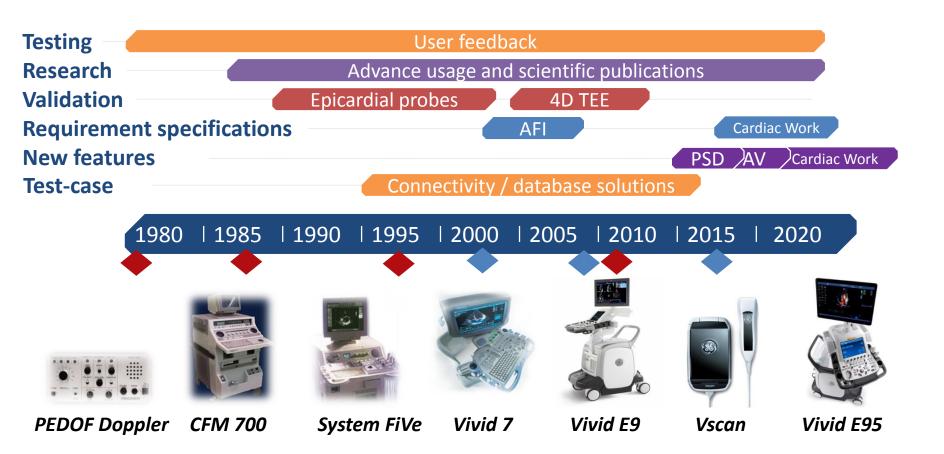
Klinikksjef Otto Smiseth

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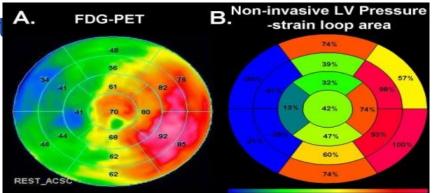


GE Vingmed-OUH collaboration over the years



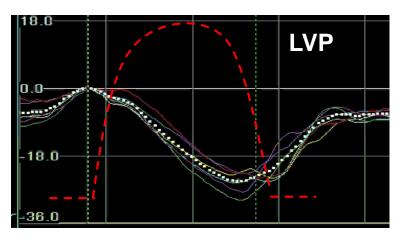
Towards metabolism based on echo

- By measuring and visualizing the heart's work in addition to contraction we can study:
 - Load independant function
 - Inbalance between segments
 - Energy loss in individual segment
 - Global efficiancy



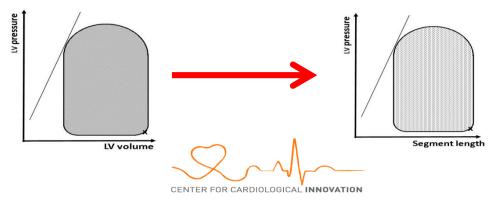


Strain vs. work

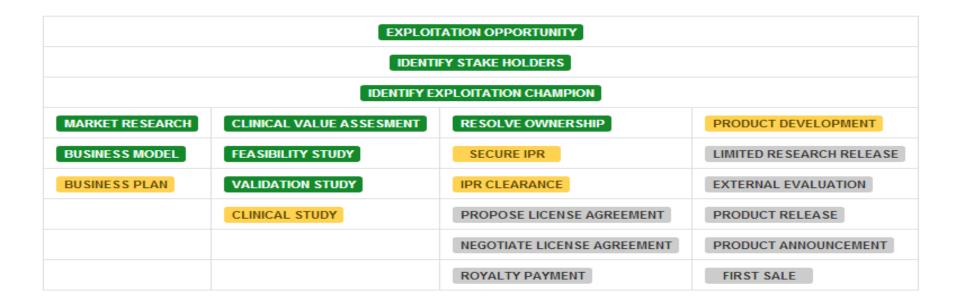


Stroke Work

Regional Work

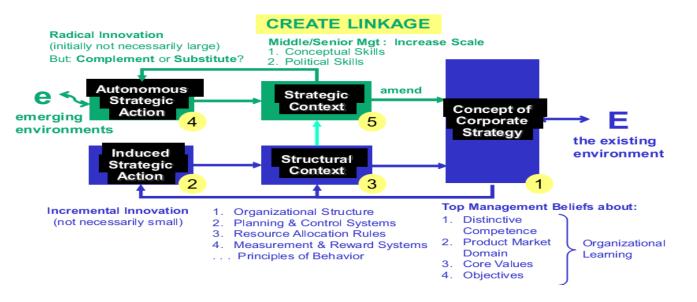


Innovation process map





How to succeed with innovation in large corporations?





Bergermann, 2014

Challenges to industry-accademia collaboration?

- 1. adapting the research cycle to fit real-world timelines
- 2. establishing relationships with decision makers
- 3. justifying activities that fit poorly with traditional academic performance expectations
- 4. a perceived lack of knowledge of the research process
- 5. the traditional academic format of communication
- 6. research that is not relevant to practice-based issues
- 7. lack of timely results and
- 8. the lack of time and resources to participate in knowledge transfer and exchange Mitton, Adair CE et al 2007



Enables for successful industryacadmia collaboration

- Long term collaboration based on trust and openness
- Good relations and ability to influence decisions
- External factors like the SFI scheme can facilitates collaboration
- Objective driven innovation work

