



Neomi Siegal M.D. M.H.A M.P.H.

- Board certified pediatrician
- Health management and health policy
- Strategic planning
- Chief Medical Officer
- Head of healthcare Management MBA
- Technology scouting, assessment and implementation





The Best Healthcare Group in Israel

The second largest HMO in Israel

- Annual budget 5,500M
- 2.25 M insured
- Personnel over 12k



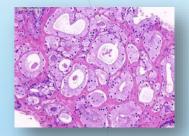
Innovation in Action







Hybrid Med – Tele health



Prostate Pathology Machine Sight



COVID-19-related care



Piohank





Home Hospitalization



Assessing Medical Technologies challenges & opportunities

- Strategic Medical Technology Assessment: Where is the Value?
- Evaluating medical technologies: process and tools
- 5 rules for success:

Healthcare organizations Vs technology companies





Learning Objectives

- Recognize and employ essential concepts in strategic evaluation of Technology Assessment
- practice prioritization of technologies according to your organization's strategic plan
- Use the STA tools to improve your product value proposition for the healthcare market



Before we begin.. ...who is in our audience today?



INNOVATION



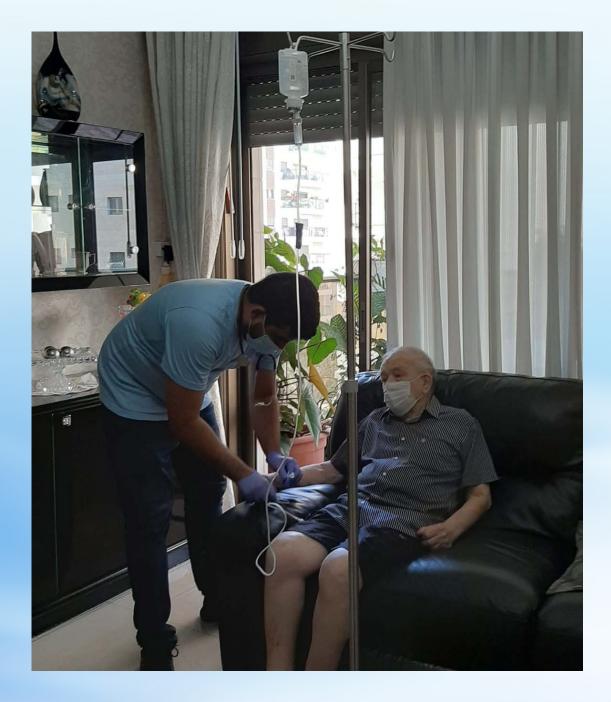


HIMSS 21

These are my parents









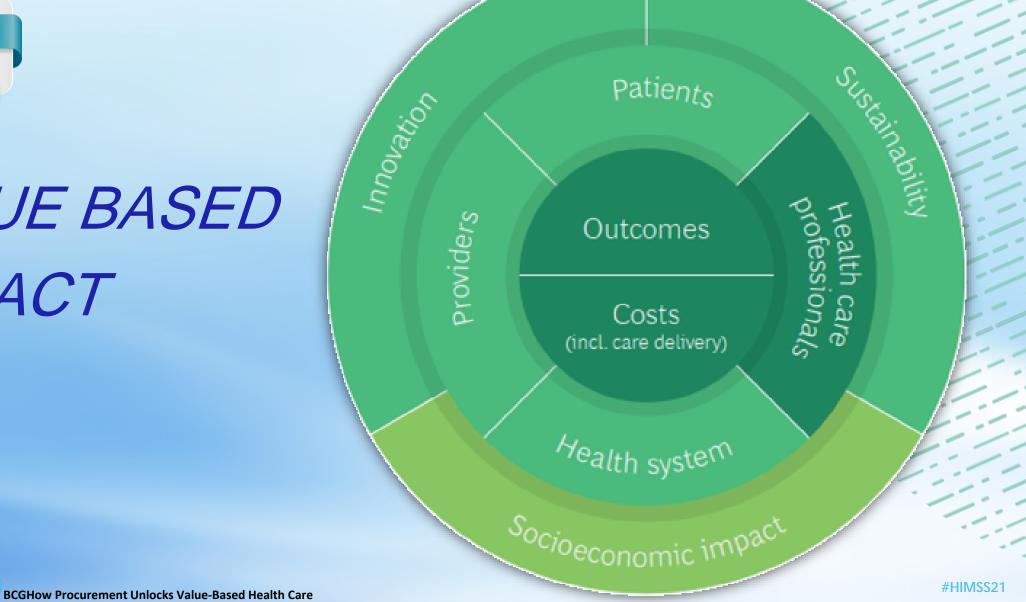
INNOVATION VALUE BASED IMPACT





HIMSS

VALUE BASED IMPACT

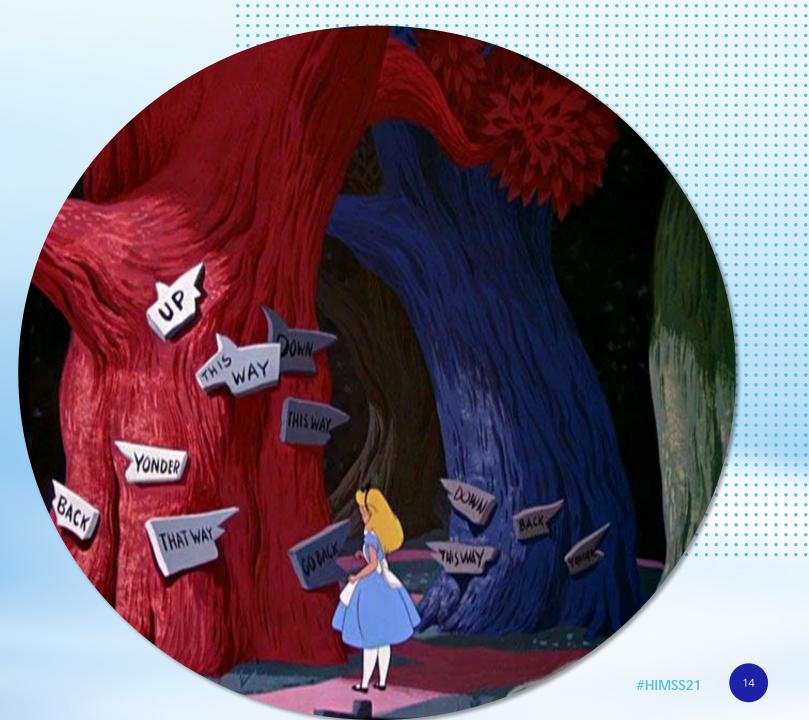


JANUARY 09, 2020 By Götz Gerecke, Jennifer Clawson, Christoph Pross, Yves Verboven, and Hans Ba



HIMSS

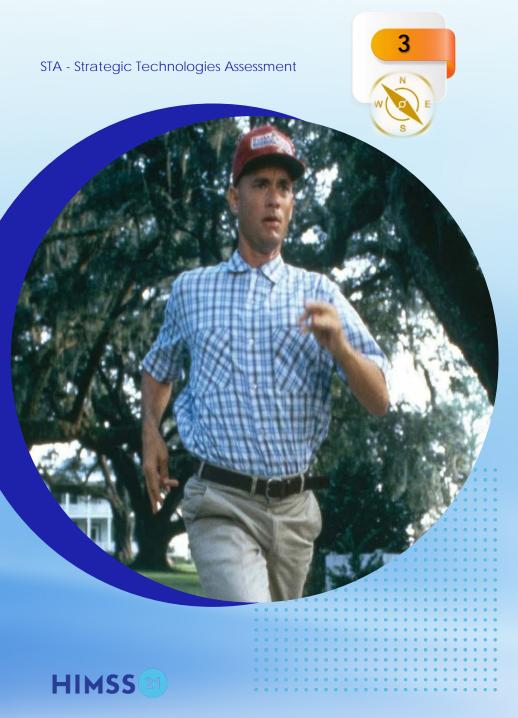
Strategy shows the way



Maccaci's Strategy







Run Forest Run

16

What have we learned so far?

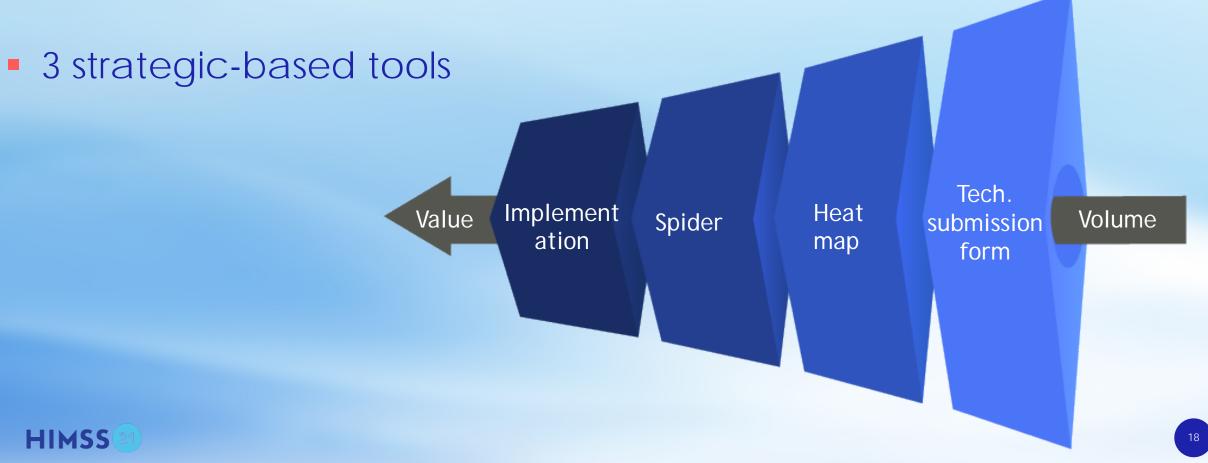


Technology assessment:

- Should achieve value-based impact
- Should be strategy driven
- Must be executed fast
- Investing the right amount of time and efforts
- Building consensus among stakeholders



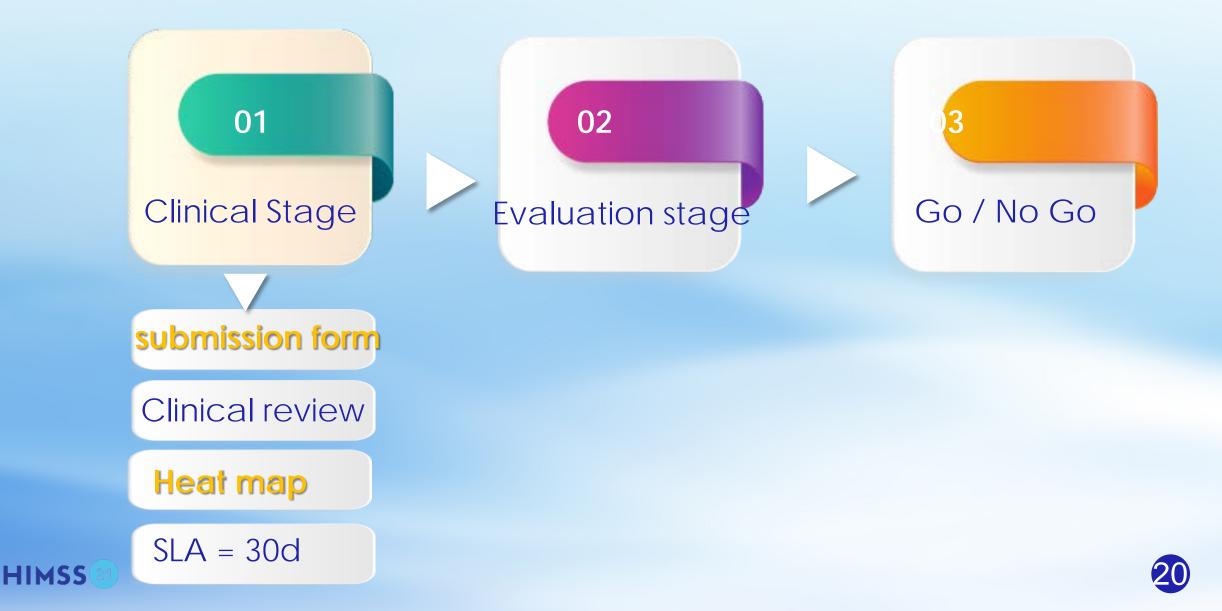
3 phase process



3 phase process







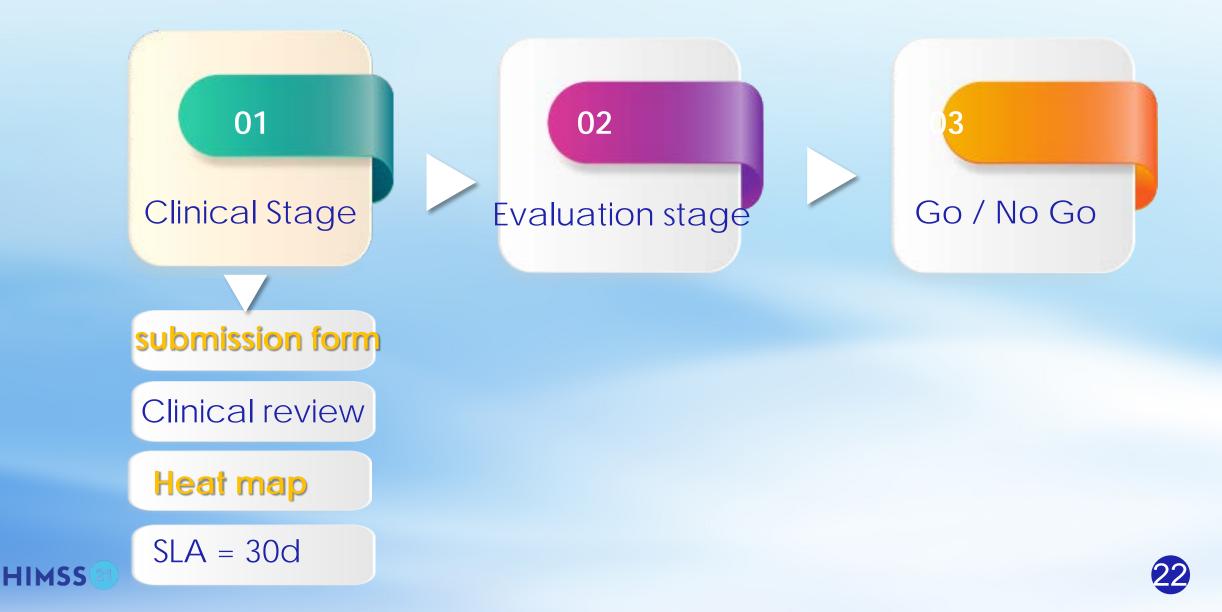


HIMSS

New Technology Submission form

- Meeting regulatory requirements
- Organization's threshold terms
- EBM for quality and safety
- Organizational strategy compatibility
- The business case
- Innovation and impact





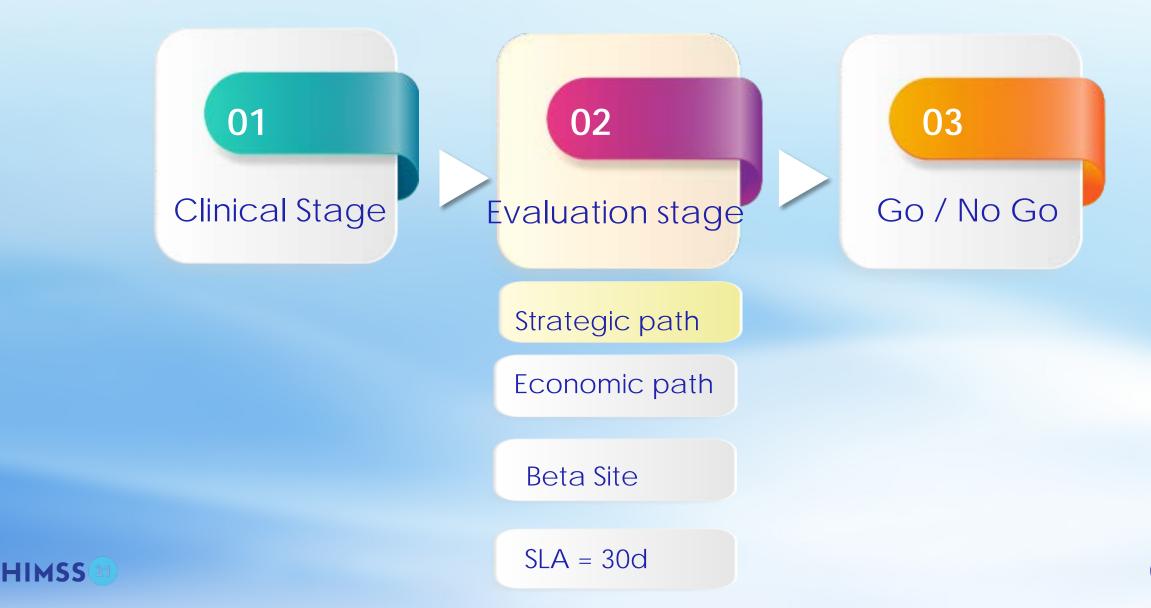


HEAT MAP

- Clinical value
- Cost effectiveness
- Implementation complexities
- Patient and physician's experience
- Innovation and impact

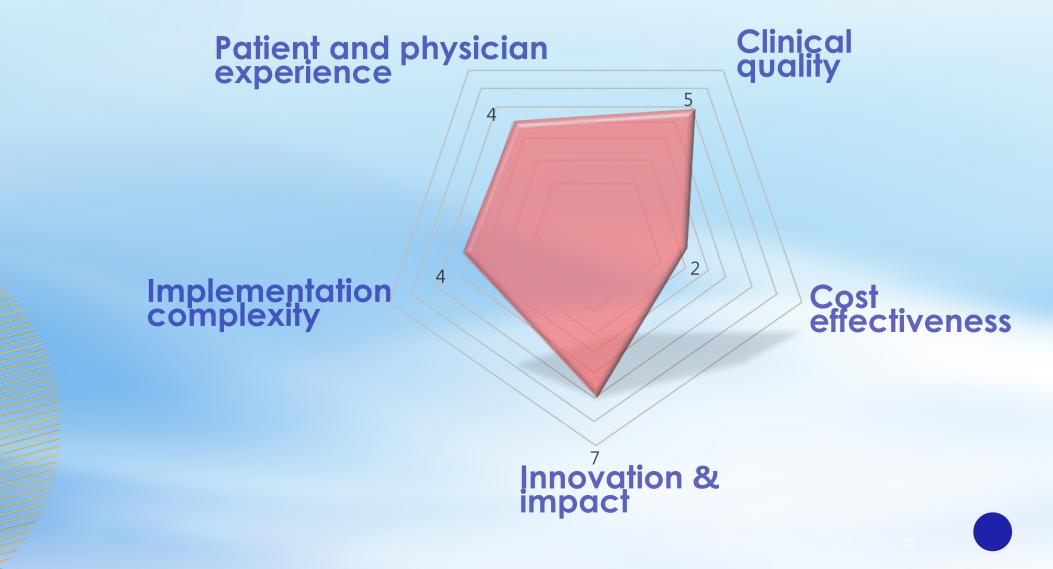




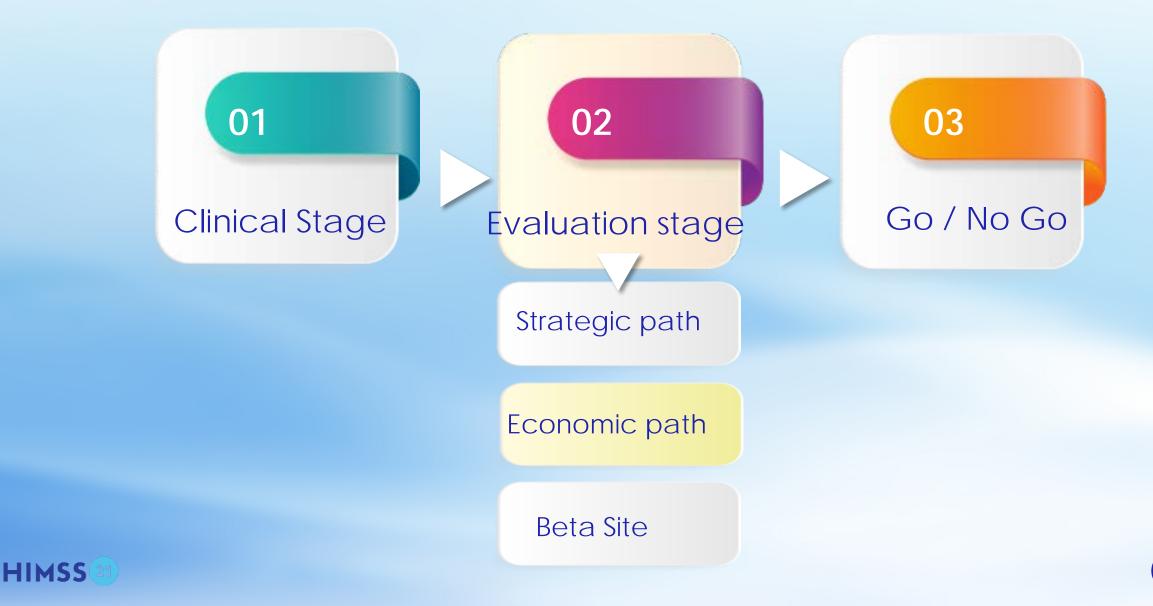




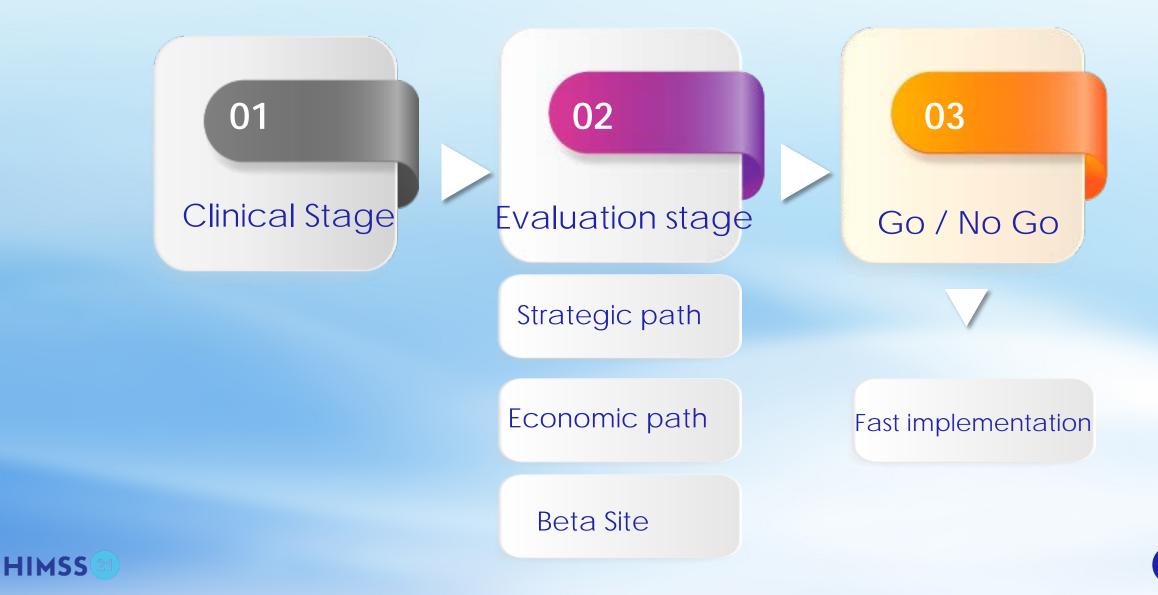
Spider Technology Evaluation



HIMSS







2021: Our Data (n=62)

HIMSS

Clinical stage: 58% (23% already rejected)

 Evaluation stage: • Strategic path – 18%
Economic path – 18% (8% were rejected)

• Beta site - 6%

GO/no GO: 1 (2%) technology approved



STA in action: let's try it ...





STA In Action

AT-home manual ultrasound for pregnant women

- A patient operated, user friendly US for Assessing:
 - Fetal pulse Fetal movement Amniotic fluid volume
- Operated by pregnant women at will, no training needed
- Reviewed by qualified technician, approved by OBG
- Patient's experience Decreasing anxiety
- Allowing first –aid pregnancy follow-up for remote areas
- Might decrease ER self referrals
- Simple interface and connectivity
- Fits into existing fetal monitoring process

HIMSS

1 Pulse more

Organization - Rules for Technology Purchase



- T2M is King SLA as a leading standard
- Adapt a 2-year horizon point-of-view: regarding connectivity costs, saving data, new versions, user interface (white label)
- Invest in patients and physicians POC to learn about usability parameters
- Pilot is preformed after decision-making, not as part of technology assessment
- Follow up: gather data after implementation to assess KPI materialization



Technology Companies - Rules for Value Proposition STA - Strategic Technologies



- Focus on strategy-supporting technologies : beyond economics
- Be sure to establish your value proposition on the true costs of acquisition, implementation and operation of your tech in my organization
- Focus your tech on enabling my patients /doctors or automating their care

Combine methodologies for engagement and adherence (e.g. behavioral economics)

M.D on your team is not enough. You need a physician executive to allow the buyer's POV

Thank you

DR Neomi Siegal <u>neomisiegal@gmail.com</u> 972-50-8804420 https://www.linkedin.com/in/neomi-siegal-7932aa84/

