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- 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



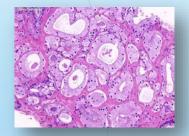
## Innovation in Action







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



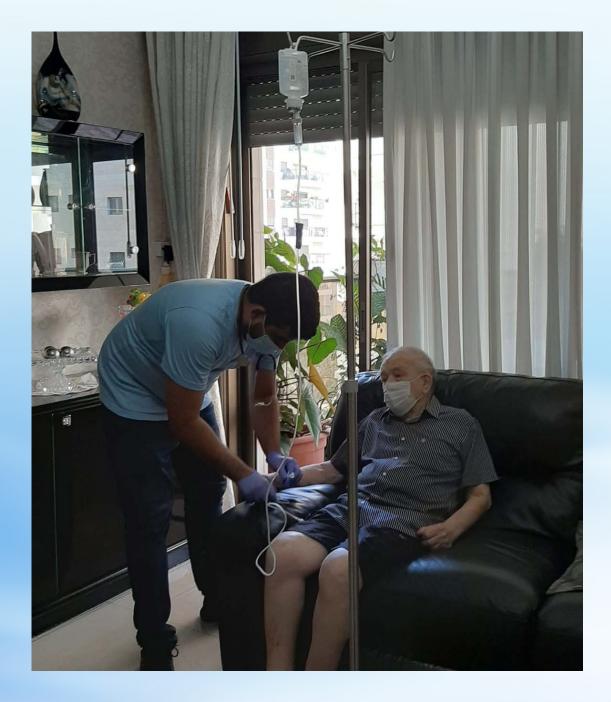


HIMSS 21

# These are my parents









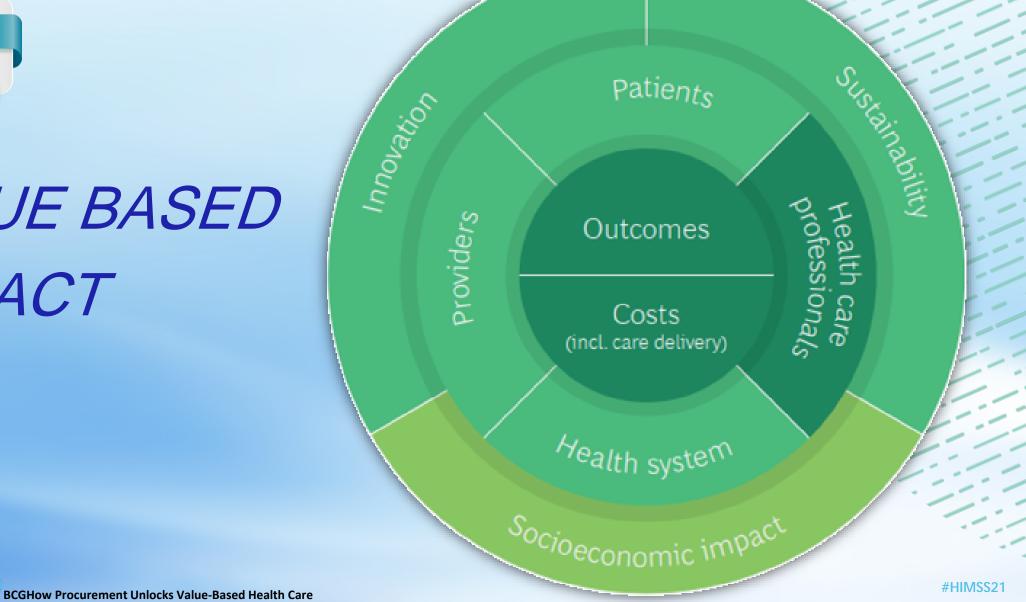
# INNOVATION VALUE BASED IMPACT





**HIMSS** 

# VALUE BASED IMPACT

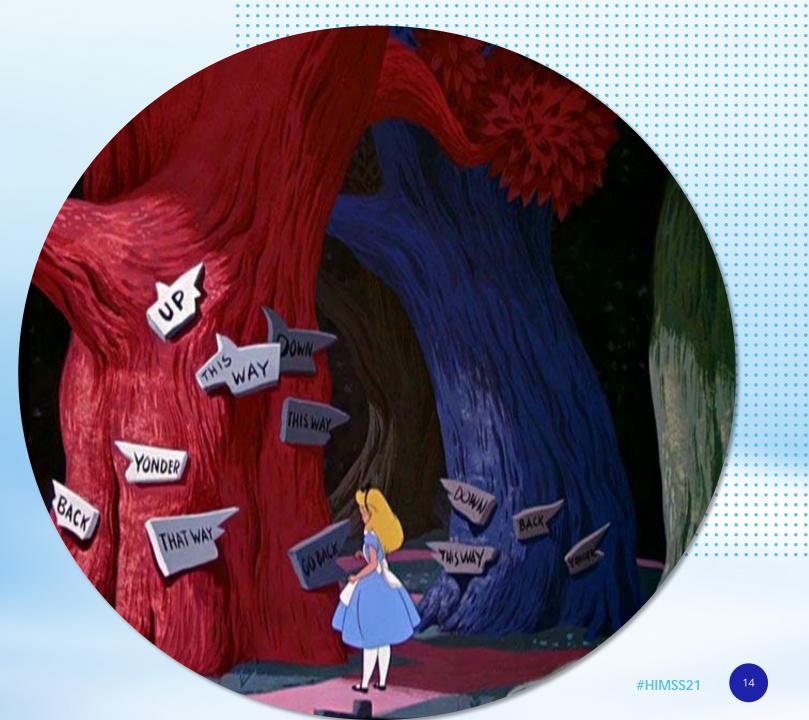


JANUARY 09, 2020 By Götz Gerecke, Jennifer Clawson, Christoph Pross, Yves Verboven, and Hans Ba



HIMSS

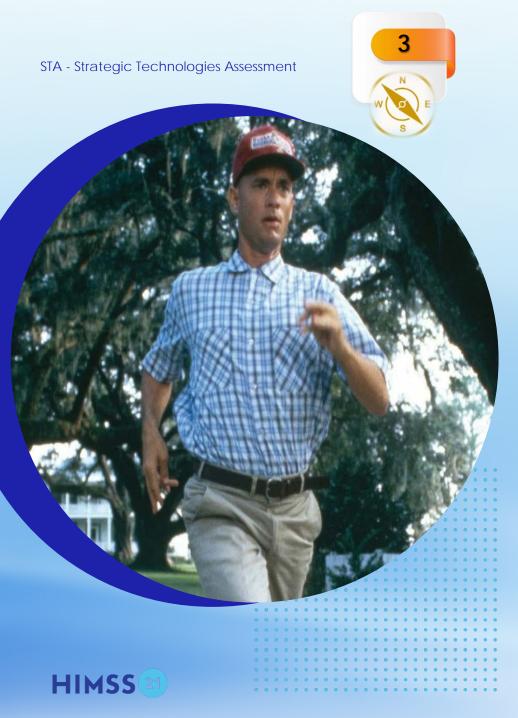
# Strategy shows the way



# Maccaci's Strategy







# Run Forest Run

16

### What have we learned so far?

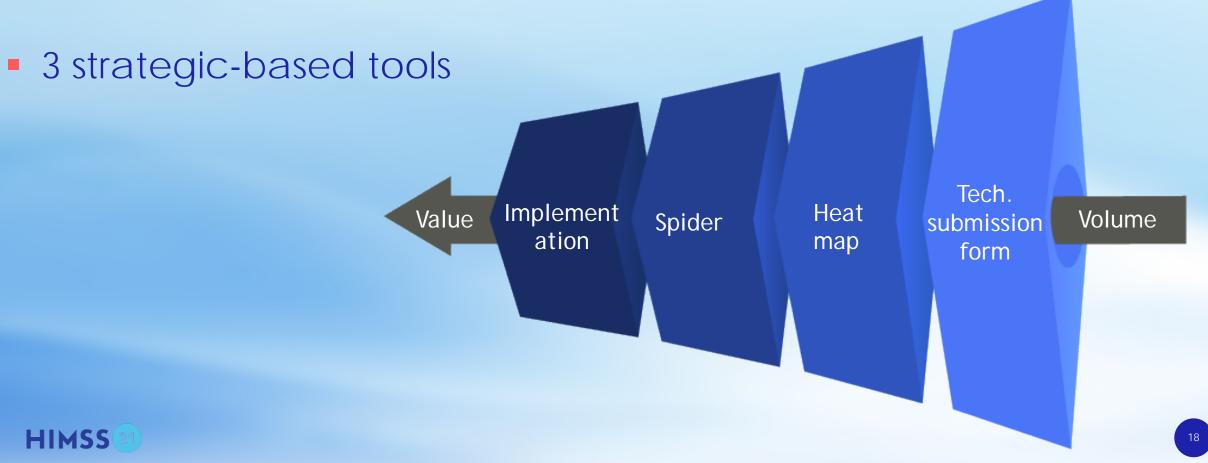


Technology assessment:

- 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



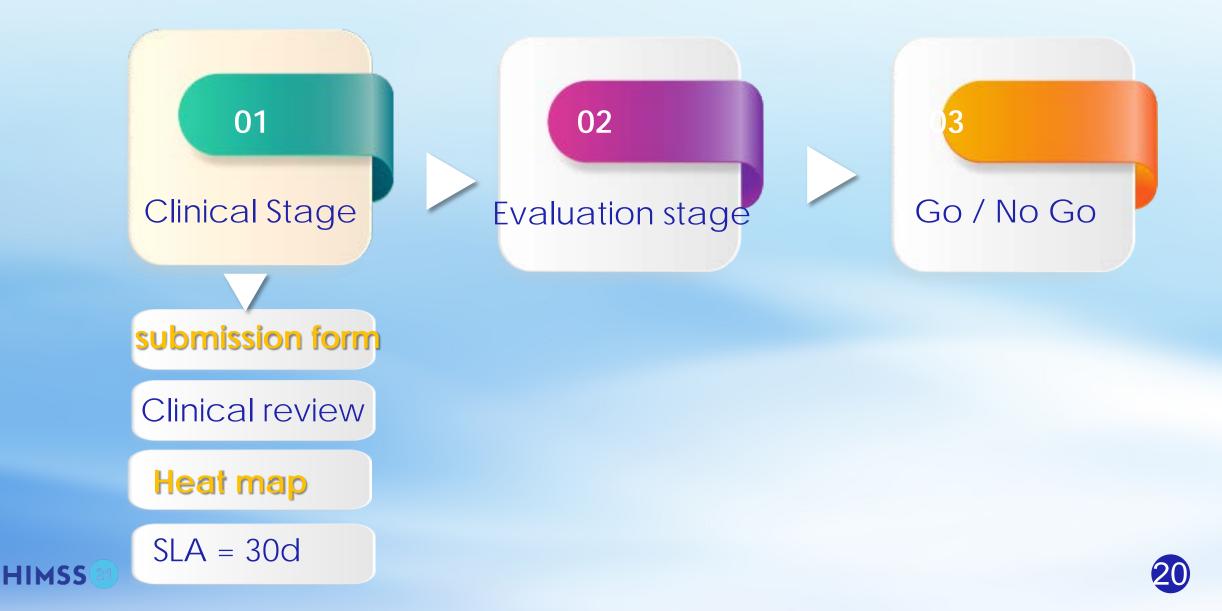
3 phase process



3 phase process







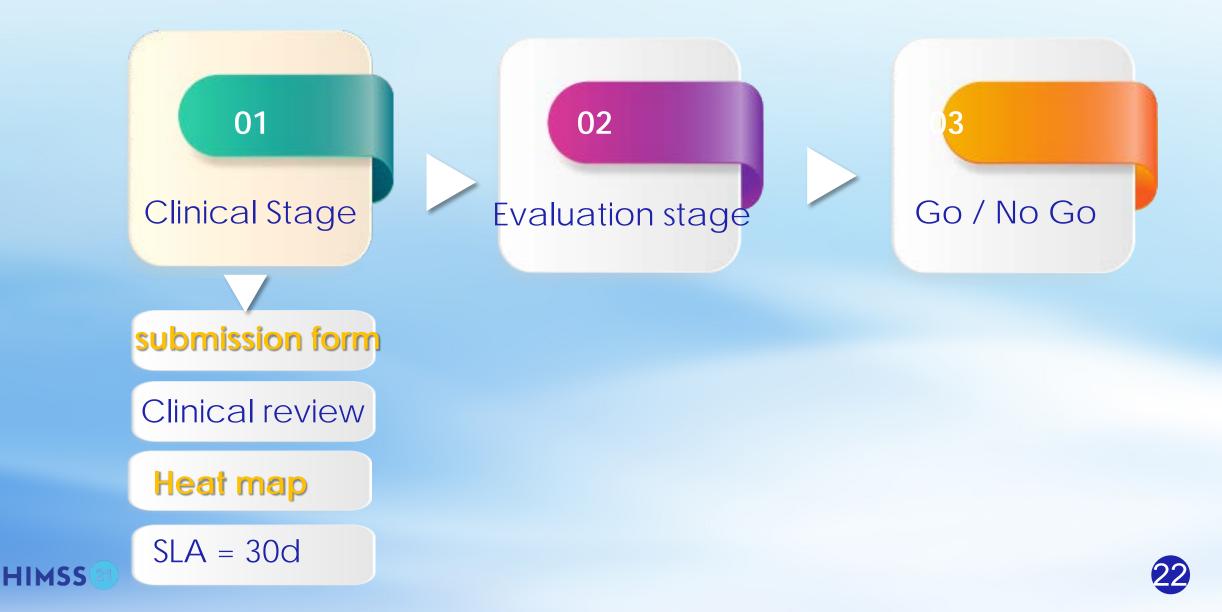


HIMSS

# **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

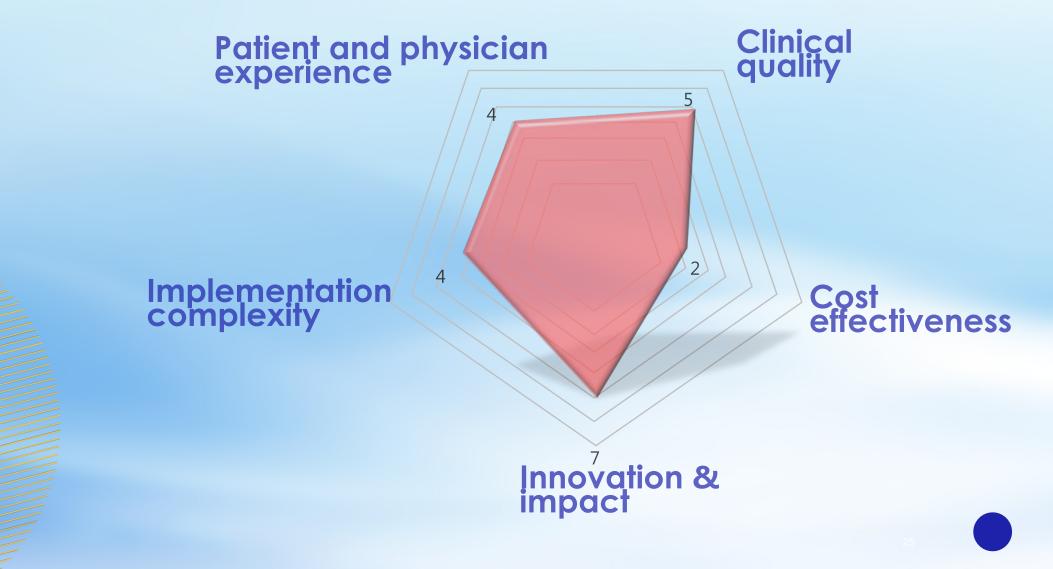




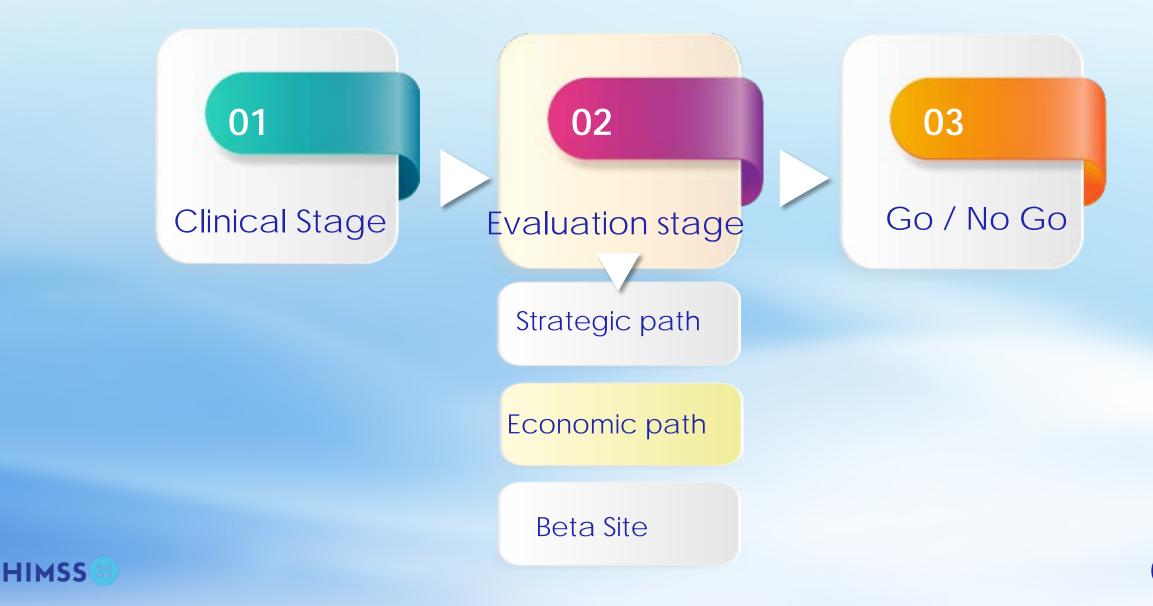




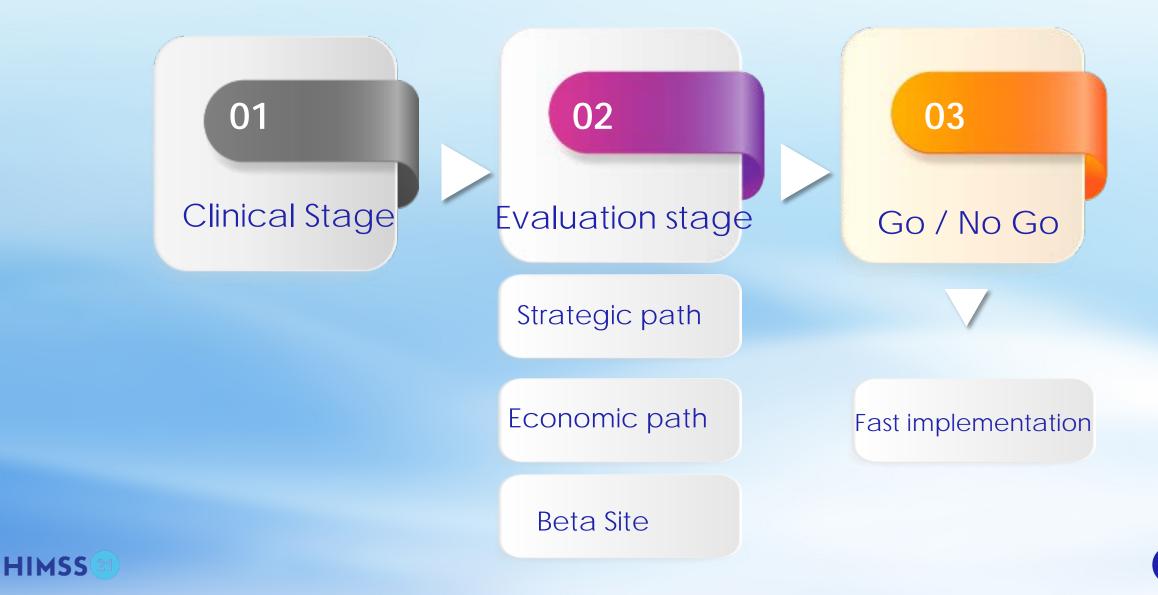
# **Spider Technology Evaluation**



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

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