The endeavor of being an entrepreneur;

issues needed to consider already at an early stage when developing e- Health solutions

Leif Dahlberg
Head of Orthopedics
Lund Universitet
Todays talk

- Background
- Endeavors
- The product
Health care perspective

• Despite various initiatives as “kömiljarden” various obstacles still remain (compare with the dockyard crisis in Malmö in the 1960s):
  • Insufficient accessibility
  • Unbalanced economy
  • Non-evidence-based diagnostics and treatments

• Think differently, think outside the box, do the right thing

• Need/resources vs demand  ➔  Kry/Min doktor etc

• Diagnostics and decision support  ➔  AI

• Treatment of chronic diseases  ➔  Support for self management
MIRAI Seminar 2018 Programs
Tokyo, October 9-12, 2018

Tuesday, October 9 (Venue: Campus Innovation Center, Tokyo Institute of Technology)
Scientific Committee Meeting

4:00-16:00  Steering Committee (STC) Pre-meeting *(Japan-Sweden 6 universities)*
6:30-17:30  Scientific Committee (SC) *(15 universities + SSC representing chairs)*
9:00-21:00  Welcome Reception *(buffet style)* by Invitation Only
            *Venue: Ambassador’s Residence, Embassy of Sweden in Tokyo*

Wednesday, October 10 (Venue: Yasuda Auditorium, The University of Tokyo)
MIRAI Plenary Session
Theme: Sustainable Social System and Technology for Ageing Society

9:30-10:00  Opening Ceremony
            President Seiichi Matsuo *(Nagoya University)*
            Vice Chancellor Torbjörn von Schantz *(Lund University)*
            Minister Masahiko Shibayama
            *(Ministry of Education, Culture, Sports, Science and Technology)*
            Ambassador Magnus Robach *(The Embassy of Sweden in Tokyo, Japan)*
research story

"using" cytokines and stemcells
WHO; chronic diseases

“Not only will chronic conditions be the leading cause of disability throughout the world by the year 2020; if not successfully managed, they will become the most expensive problems faced by our health care systems”

http://www.who.int/en/
>50% have at least one chronic condition

Percentage of All Americans with Chronic Conditions, by Number of Chronic Conditions – 2010

86% of healthcare spending is for patients with one or more chronic conditions

Physical activity programs can reduce yearly healthcare costs by about $1,000 per person.

**ARTHRTIS will INCREASE as the population grows and ages**

Diagnosed and future projections*

![Graph showing the increase in arthritis as the population grows and ages](image)

*Diagnosed

*Projected

**YEAR**


People (millions)

46 50 53 54 63 67 72 75 78

Guidelines OA treatment

- Surgery: Few
- Pharmacological pain relief, aids and passive treatments: Some
- Education, exercise and weight control: All
e-hälsa; det händer nu, frågan är vilka som står på stationen när tåget går
Have questions? We’re here to help.

If something goes wrong, a trained incident response team can be reached at any time. Just message us in the app.

Contact us »
“The ‘telephone’ has too many shortcomings to be seriously considered a means of communication”

- Western Union Internal Memo, 1876
Homework

- How long did it take from we knew for the English navy start giving their personnel citrus fruits
- How long did it take from we knew to Semmelweis finding was introduced
- How long did it take from we knew to exclude venesection
- How long did it take from we knew to use antibiotics for Helicobacter
Be prepared; you may not be the most popular guy

• NIH
  • Not Invented Here

• Outsourcing; in ancient days hospitals took care of “everything”
  • Health care
  • Laundry
  • Food
  • Housekeeping and cleaning

• You are only doing this to get rich
"Do you want to sell sugar water for the rest of your life, or do you want to come with me and change the world?"
"My advice to all of you is, don't work for money — it will wear out fast, or you'll never make enough and you will never be happy, one or the other," Cook says