#### How do we imagine our future?

**The Infection Prevention Crystal Ball Initiative** 

Prof Dr Hugo Sax | Bern University Hospital and University of Bern | sax.health.design | Switzerland Hosted by Martin Kiernan martin@webbertraining.com



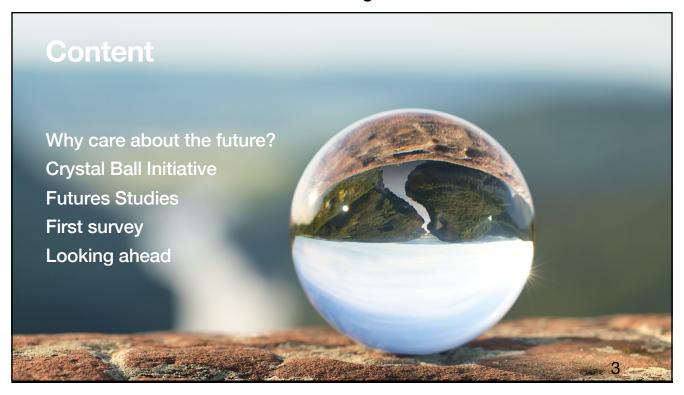
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April 28, 2022

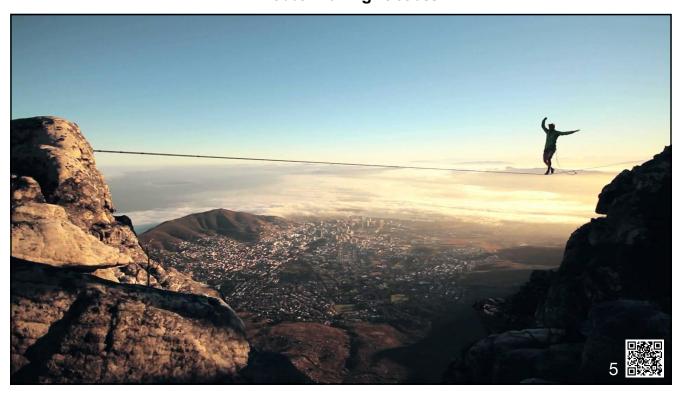
"It is difficult to make predictions, especially about the future."

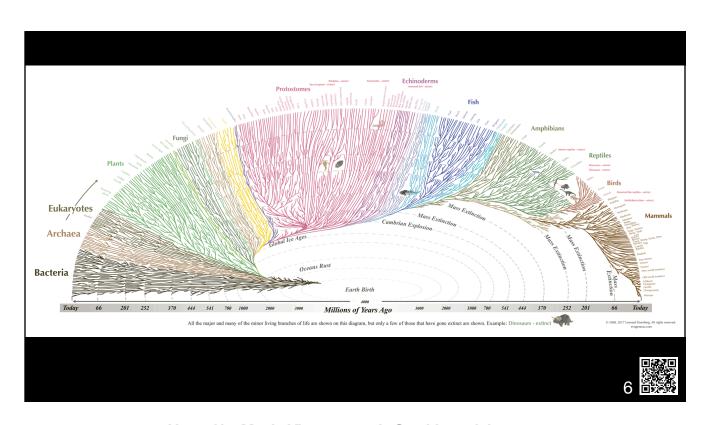
Danish Parliament 1937-1938



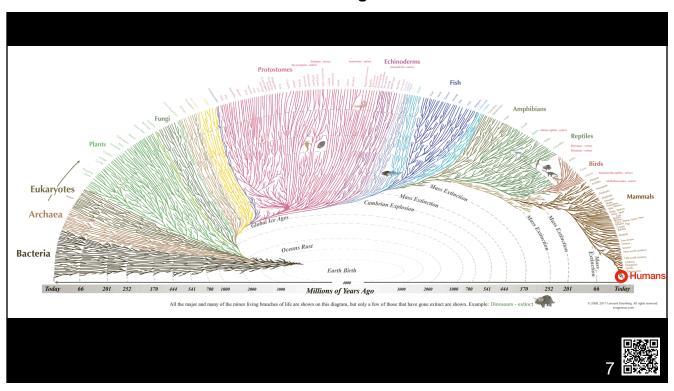




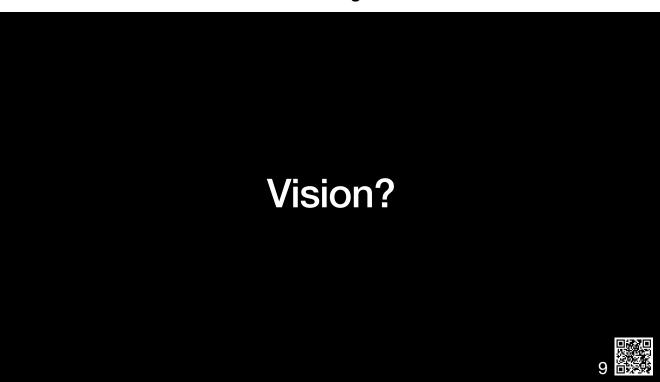


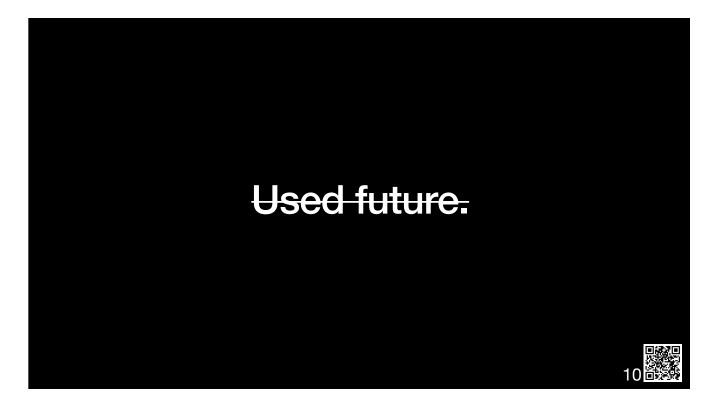


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## First round of an international crystal ball 'exercise' in 2019.

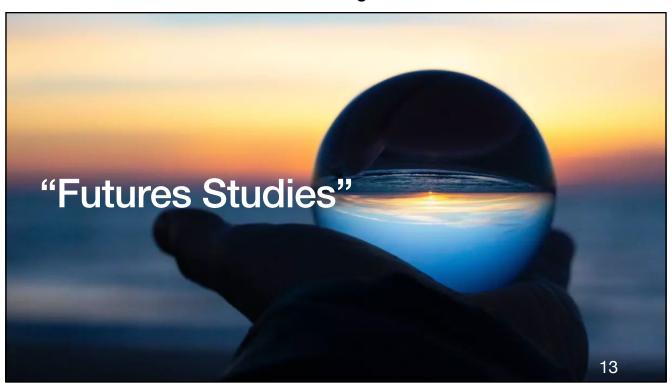


#### Collaborative 2019 -

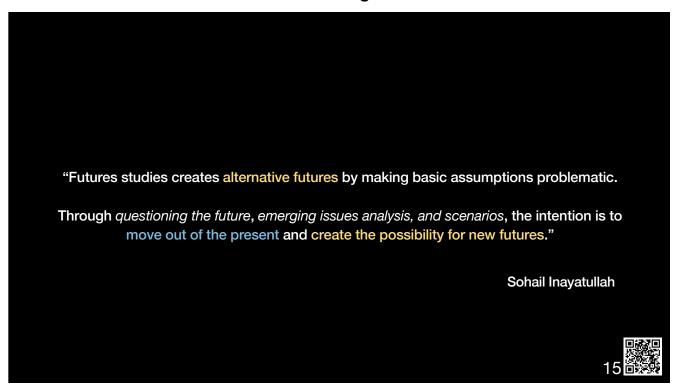
Andrew Atkinson, Sue Barnes, John Boyce, Sue Bradley, Lauren Clack, Dale Fisher, Andrea Grisold, Stephan Harbarth, Anita Huis, Stefan Kuster, Elaine Larson, Andie Lee, Grace Lee, Yves Longtin, Jean-Christoph Lucet, Jonas Marschall, Eli Perencevich, Hugo Sax, Simone Scheithauer, Matthias Schlegel, Peter Schreiber, Jules Storr, Jason Tetro, Erich Tschirky, Diana Vilar Compte, Aline Wolfensberger.

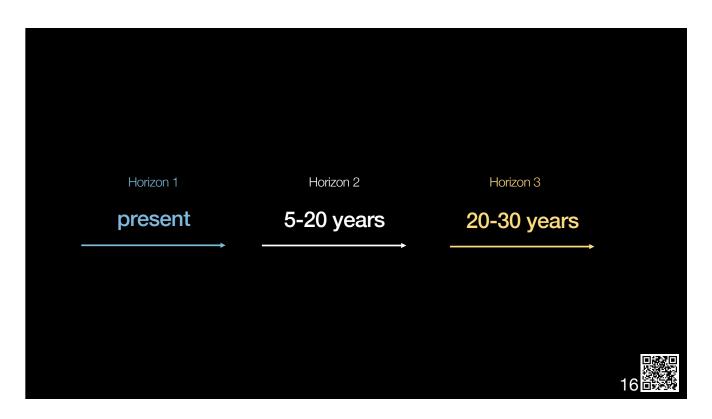


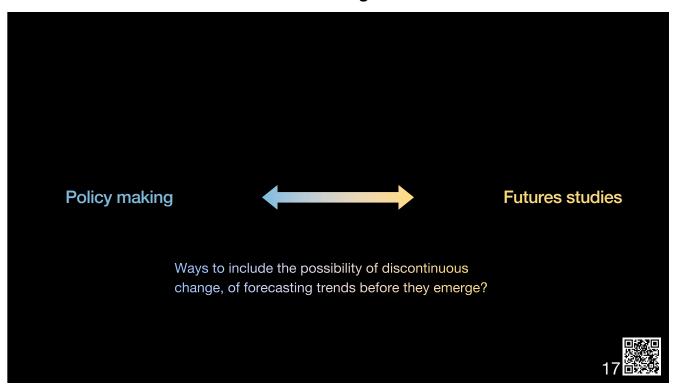


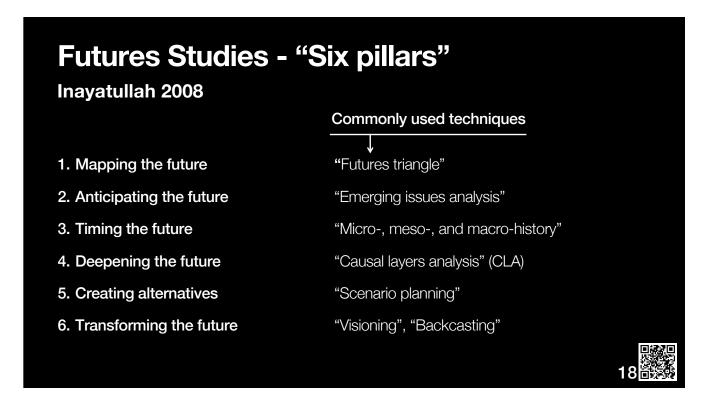








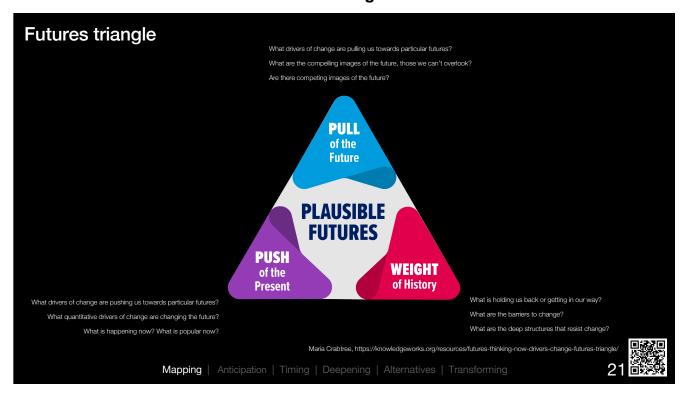




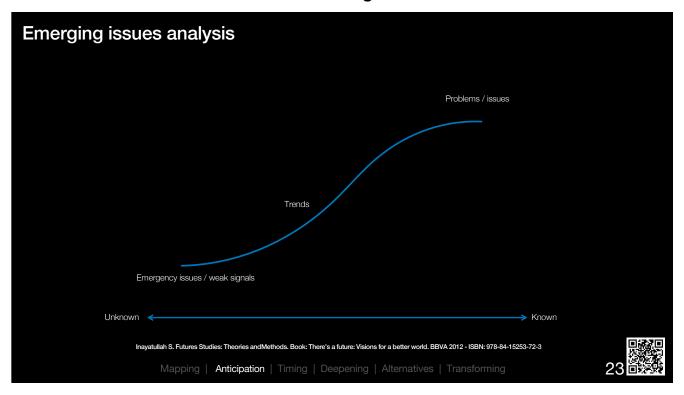
#### 1. Mapping the Future



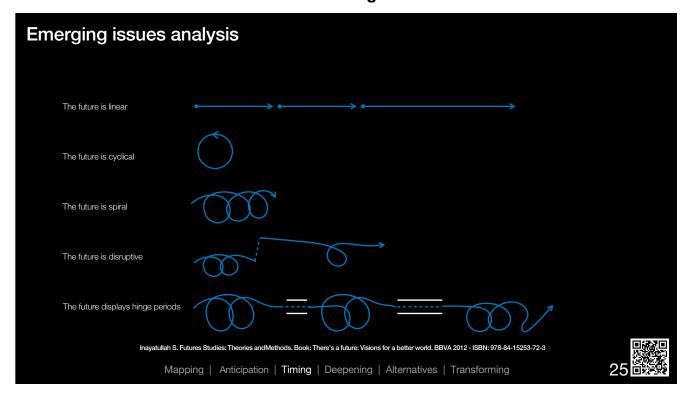




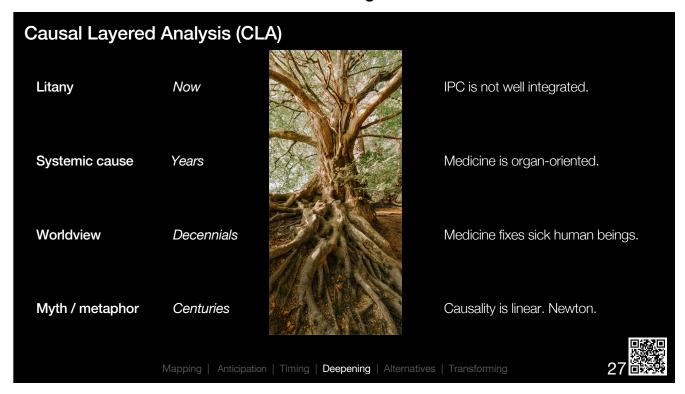
# 2. Anticipating the Future





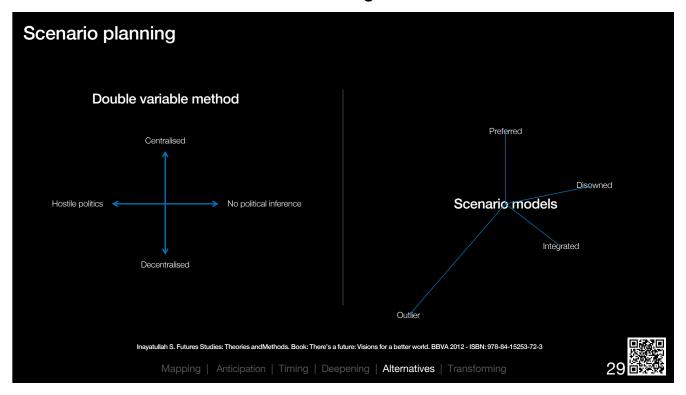


# 4. Deepening the Future

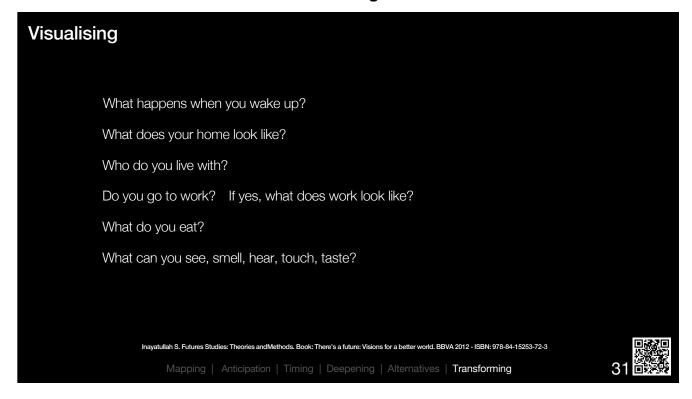


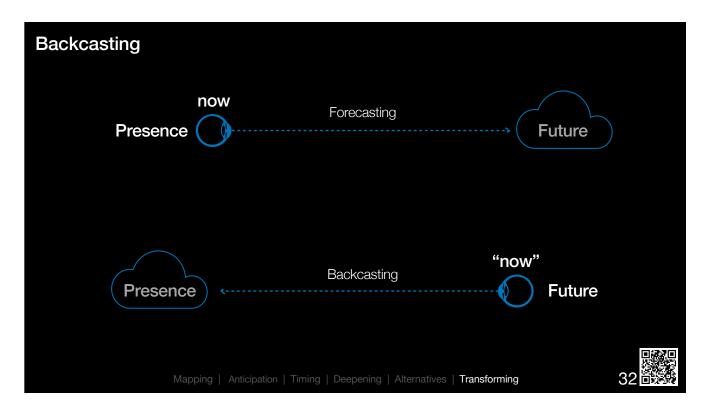
#### 5. Creating Alternatives



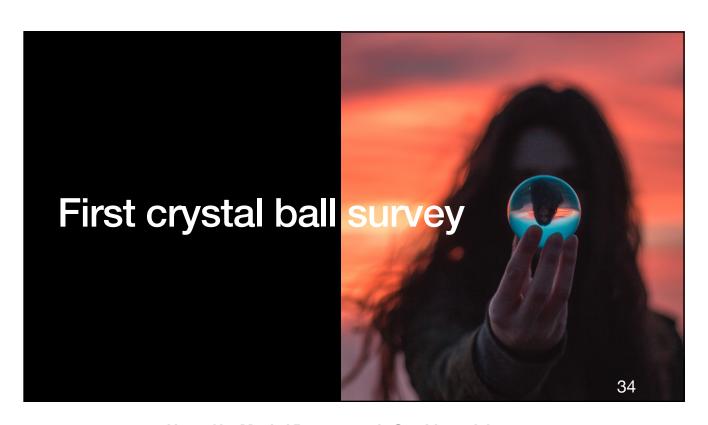












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#### **Scopes**

- Harvest the vision of senior infection prevention experts around the globe
- Extract possible and desired futures
- Invite participants as authors by contributing to next methods and evolution
- Establish a platform



#### Method

- Online self-administered survey of open-ended questions
- Purposively chosen participants (innovative style) according to web, conference, and science publication contributions
- Four main questions
- Two-step inductive qualitative analysis:

per-case: codes -> themes

cross-case: leitmotifs



#### **Questions**

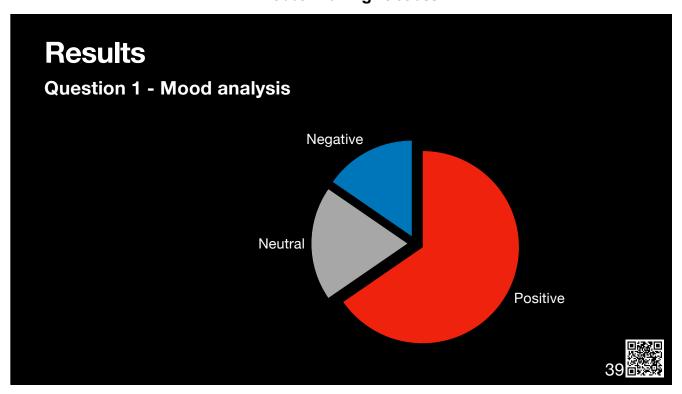
- 1. What will Infection Prevention and Control (IPC) look like in 2030?
- 2. In whose hands will IPC in healthcare settings lay in 2030? Who will be responsible?
- 3. What skills and knowledge will be necessary to execute IPC in healthcare settings successfully in 2030?
- 4. What are the most burning (research) questions regarding IPC in healthcare settings that should/will be answered by 2030?

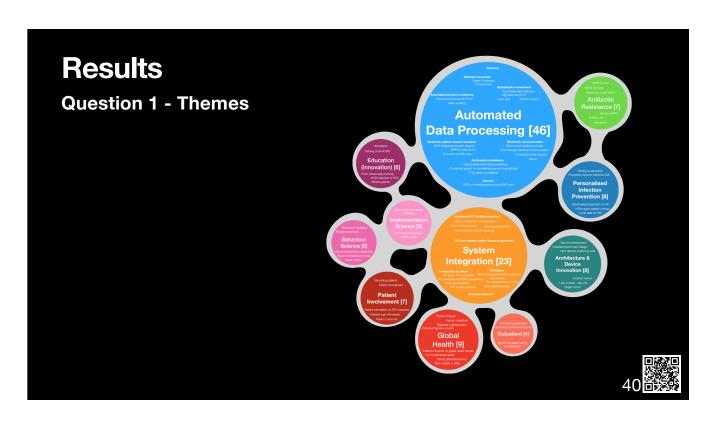


#### **Participants**

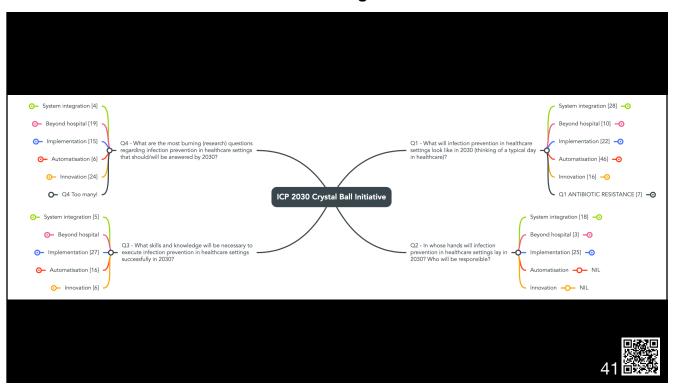
- **18** of 44 (**41%**) responded
- Profession: physicians (14), nurses (3), manager (1)
- Geography: USA (6), Canada (2), Switzerland (2), Australia (1), France (1), Germany (1), Mexico (1), The Netherlands (1), Singapore (1), United Kingdom (1)

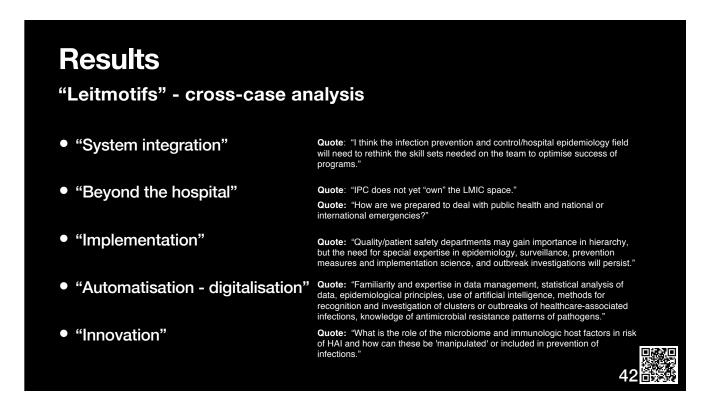






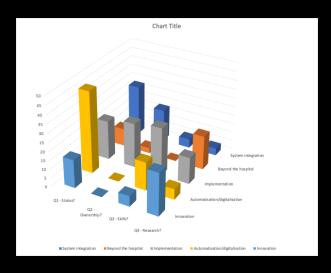
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#### Results

#### **Semiquantitative Questions x Leitmotifs**

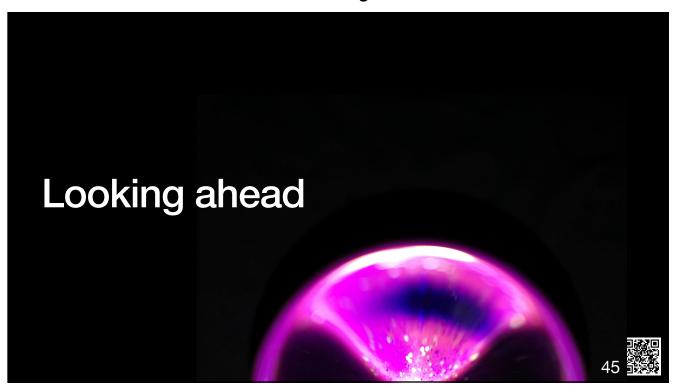


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#### Conclusions

- The survey gave rich picture(s) of the potential future
- Most answers corresponded to 'desired futures' (positive mood);
   except MDRO and take-over by administration / QI
- Surprise: "System integration" and "Beyond the hospital"
- Potential benefit of using a more structured, experiential "Futures" approach to create multiple futures?



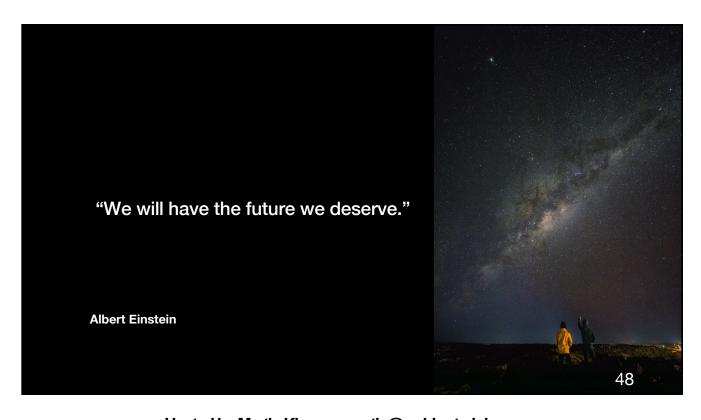


#### **Potential futures:)**

- Deepening by interviews?
- IPC function in healthcare institutions?
- Futures workshop?
- Collaboration with other think tanks?







'	www.webbertraining.com/schedulep1.php
May 5, 2022	(FREE Teleclass) SPECIAL LECTURE FOR WORLD HAND HYGIENE DAY Speaker: Prof. Didier Pittet, University of Geneva Hospitals, and Dr. Benedetta Allegranzi, World Health Organization, Switzerland
May 12, 2022	PREVENTION AND MANAGEMENT OF POST-OPERATIVE SEPSIS  Speaker: Dr. Cindy Hou, Jefferson Health, New Jersey
May 19, 2022	C. DIFFICILE ASYMPTOMATIC CARRIERS: SHOULD WE WORRY ABOUT THEM? Speaker: Prof. Yves Longtin, McGill University, Montreal
May 25, 2022	(South Pacific Teleclass)  PATIENT-FOCUSED ANTIMICROBIAL RESISTANCE SURVEILLANCE: DATA FROM THE GROUND UP  Speaker: Dr. Paul Turner, Cambodia Oxford Medical Research Unit, Angkor Hospital for Children, Cambodia

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