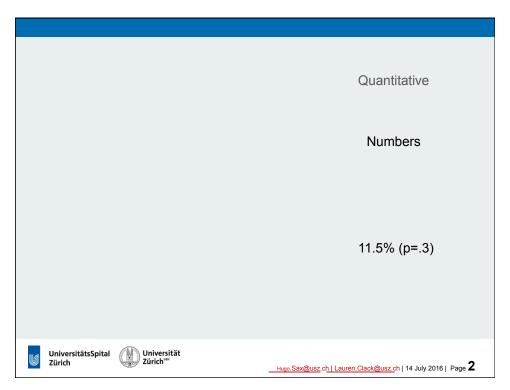
Results of qualitative research on implementation of infection control best practice in European hospitals Lauren Clack, MSc | Hugo Sax, MD Division of Infectious Diseases and Hospital Epidemiology PROHIBIT Study Group Hosted by Prof. Yves Longtin McGill University, Montreal

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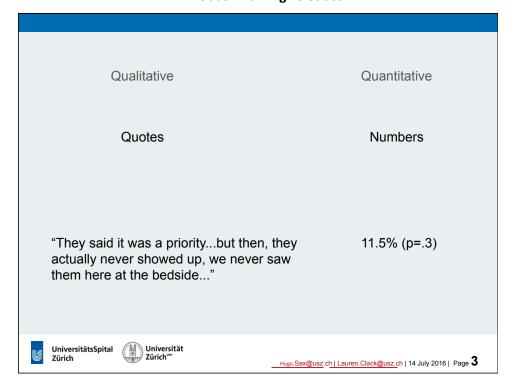


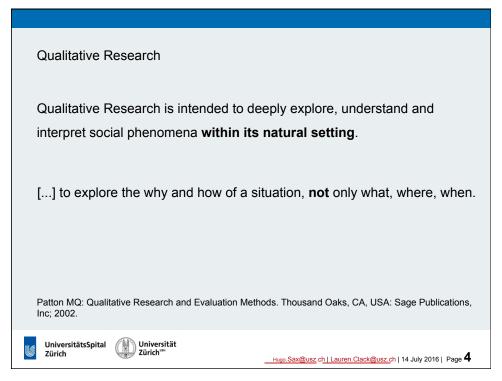
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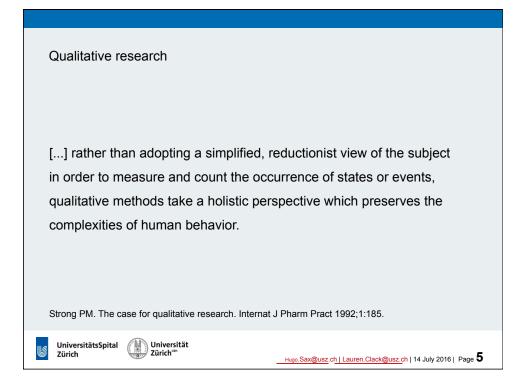


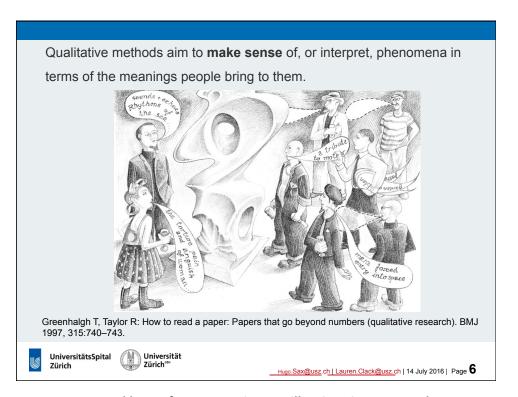
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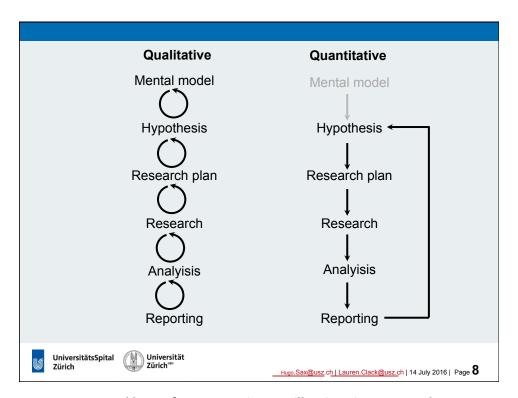
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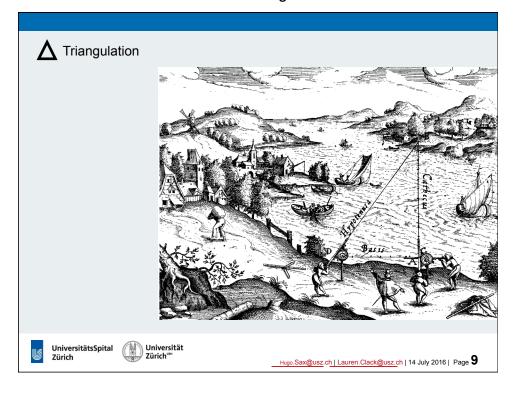


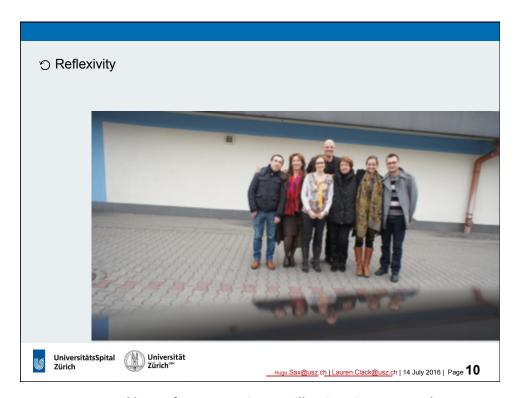
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Qualitative		Quantitative
Complexity In context Emerging Purposeful sampling	Methods	Reductionist Context independent A priori Random, statistical power
Triangulation Reflexivity Member checking Time in the field Negative cases	Validity	Rigorous Statistical significance Confounding/bias exclusion
In parallel Transcription Coding Themes	Analysis	A posteriori Statistical analysis
Mays NCP. Qualitative research in health care: Assessing quality in qualitative research. BMJ 2000, 320:50–52.		
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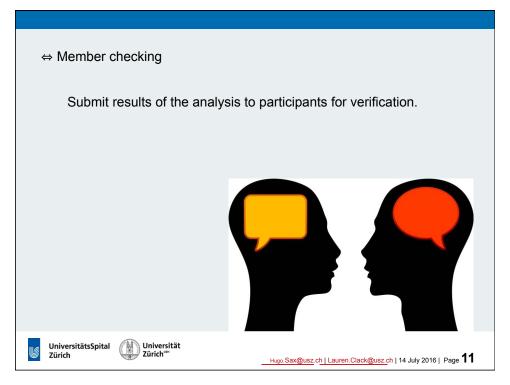


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Mixed-methods studies

Qualitative Quantitative

Box 1 | Qualitative and quantitative methods can be integrated at different stages in a research project

- Design—eg, using qualitative interviews to develop a quantitative measure
- Sampling—eg, using an initial survey to determine or provide a sampling frame for qualitative interviews
- Analysis—eg, using qualitative research to inform priors for bayesian statistical analysis
- Interpretation—eg, integrating the findings in chapter, papers, reports O'Cathain suggests that health services research tends to be weakest at integrating at the analysis stage.20

Pope C, Mays N: Critical reflections on the rise of qualitative research. BMJ 2009, 339:b3425-b3425.



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European Commission - Framework Programme FP7 Health



The objective of PROHIBIT is to understand the variations of healthcare-associated infection prevention in Europe and to test the success of a catheter-related bloodstream infection prevention strategy.



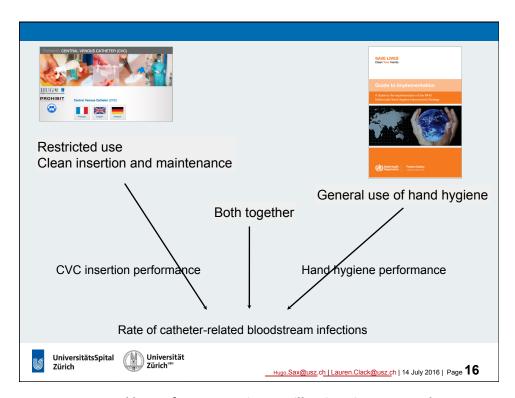
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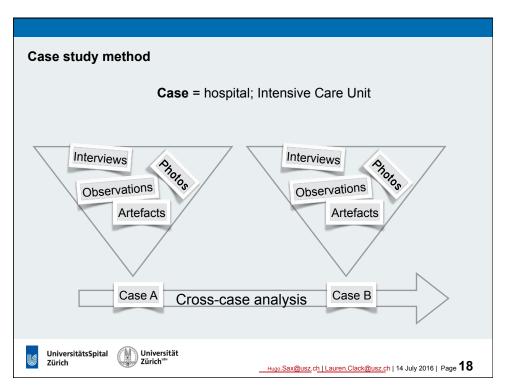
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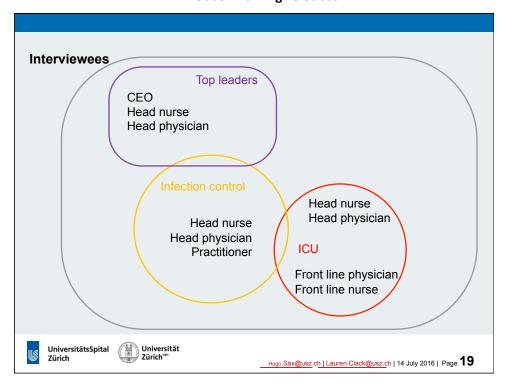


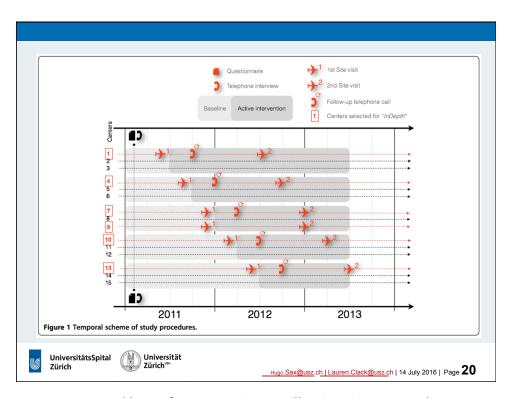
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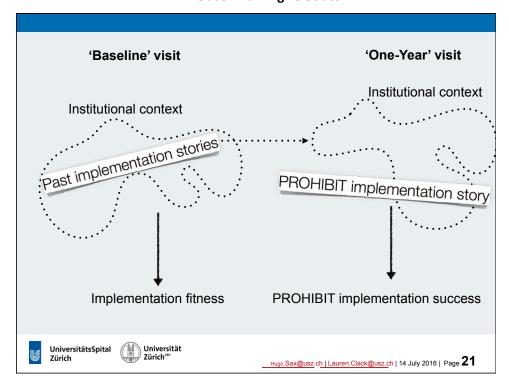


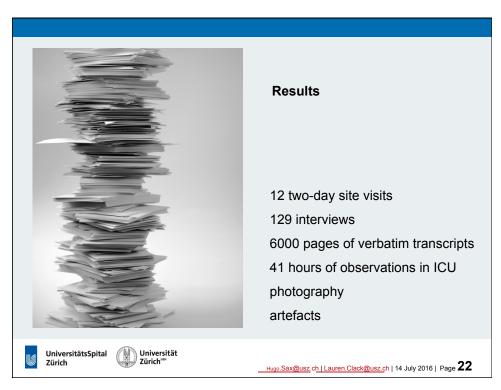
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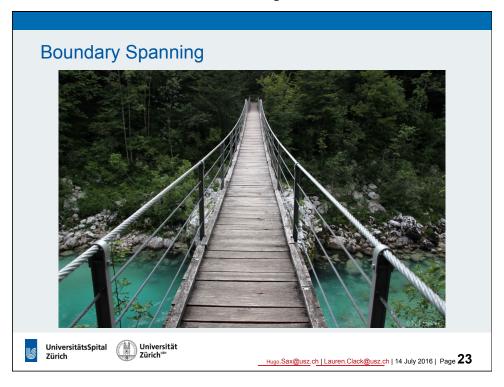


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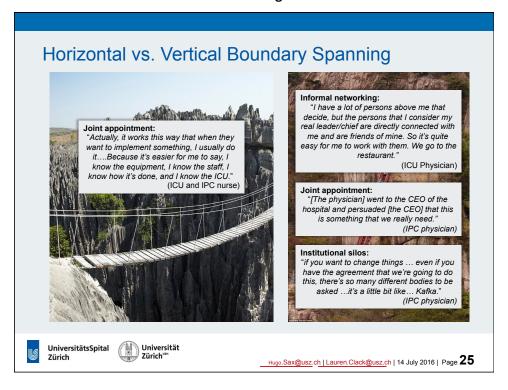


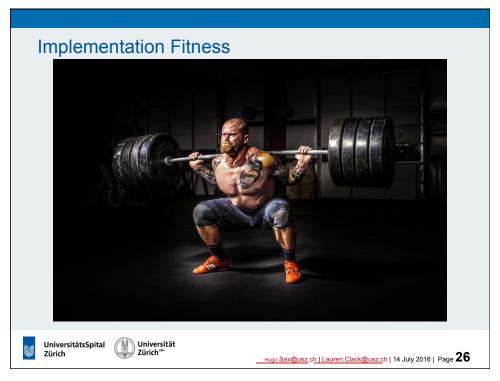
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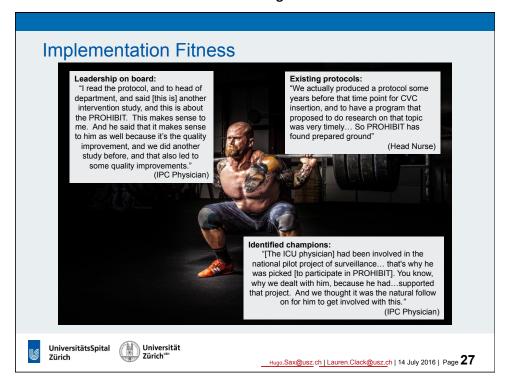


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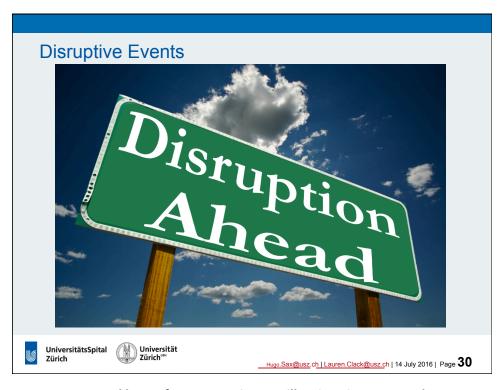
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Results summary

- <u>Boundary spanners</u>: individuals who have multiple roles with in an organisation, and who traverse institutional boundaries to accelerate change.
 - Inter-organisational and Intra-organisational
 - Horizontal boundary spanning: between departments
 - Vertical boundary spanning: up organisational hierarchy
 - Lack of boundary spanners is a barrier particularly when an organisation has silos (a.k.a. different departments function independently)
- <u>Implementation fitness</u>: how suitable an organisation is to integrate research findings and evidence into practice.
 - Implementation is like a muscle the more you flex it, the stronger it becomes!
 - Previous participation in quality improvement initiatives is a facilitator to future initiatives
 - Lack of experience (or perceived lack of experience) may be a barrier



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Results summary

- <u>Disruptive events</u>: circumstances that interrupt the routine functioning of an organisation.
 - Disruptive events may increase awareness surrounding IPC issues (e.g. outbreaks)
 - Disruptive events may take priority and shift focus away from IPC issues (e.g. hospital relocation)





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July 21 BEHAVIOURAL AND ORGANIZATIONAL DETERMINANTS OF SUCCESSFUL INFECTION PREVENTION AND CONTROL INTERVENTIONS

Dr. Enrique Castro-Sánchez, Imperial College London, England

August 10 (Free South Pacific Teleclass)

CAN PATIENT EMPOWERMENT BE USED AS A STRATEGY TO IMPROVE INFECTION CONTROL COMPLIANCE?

Dr Holly Seale, School of Public Health and Community Medicine, UNSW Australia

August 18 (Free Teleclass)

USE OF HYPOCHLORITE (BLEACH) IN HEALTHCARE FACILITIES

Prof. William Rutala, University of North Carolina Hospitals

August 25 APPLICATIONS AND LIMITATIONS OF DIPSLIDES AND PCR FOR REAL-TIME ENVIRONMENTAL CONTAMINATION EVALUATION

Dr. Tobias Ibfelt, Copenhagen University Hospital, Denmark Sponsored by Virox Technologies Inc, (www.virox.com)

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