



Collaborating to increase Patient Safety

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The Economics of Patient Safety – March 2017

- About 10% of hospital admissions will suffer from an adverse event. Among those, between 2% and 14% may lead to the death of the patient.
 - **Between 5.000 and 35.000 deaths in Belgium ?**
- Overall, the available evidence suggests that 15% of hospital expenditure and activity in OECD countries can be attributed to treating safety failures
- Most of the burden is associated with a few common adverse events. The most burdensome include **healthcare-associated infections (HAI)**, venous thromboembolism (VTE), pressure ulcers, medication error and wrong or delayed diagnosis.



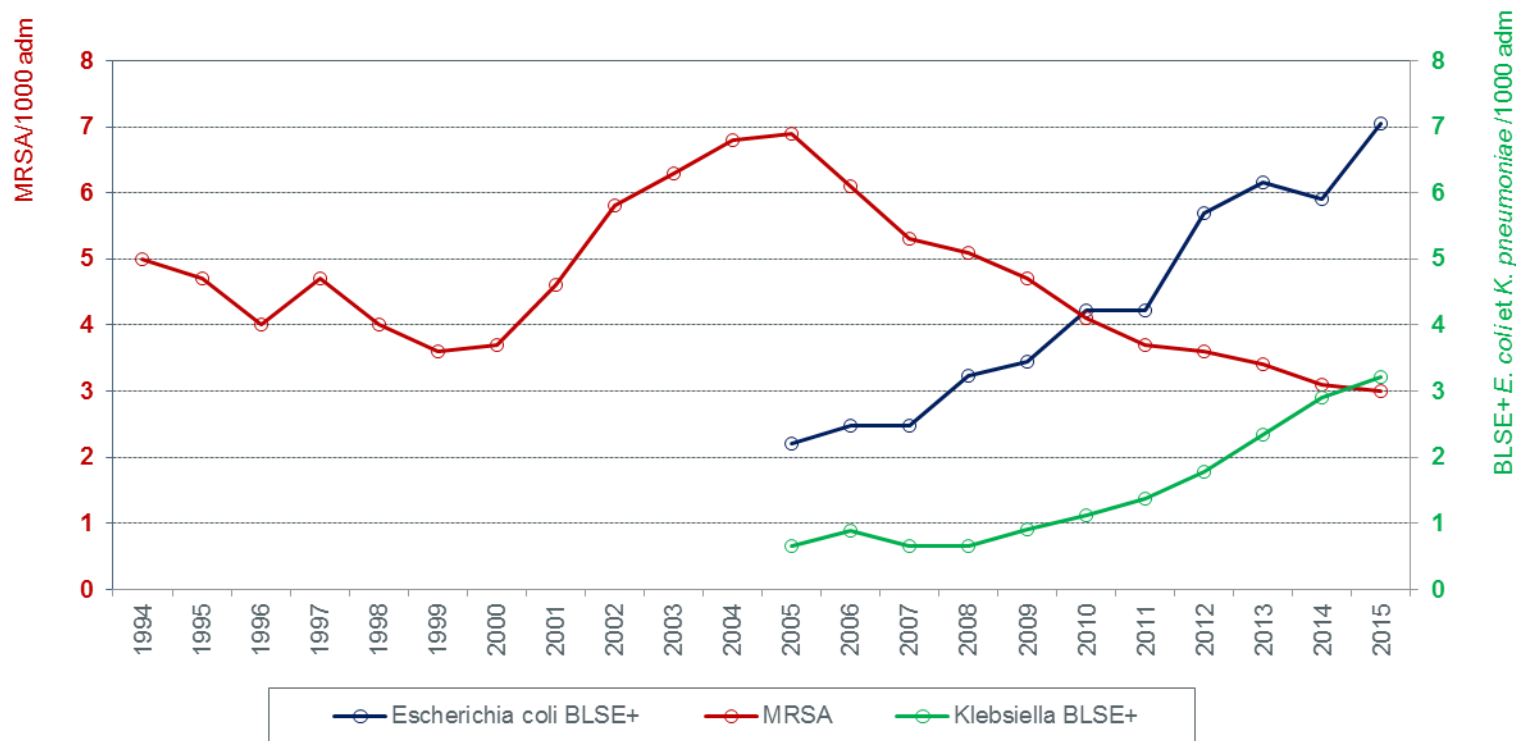
In Belgium (ISP-WIV)

- HAI prevalence in Belgium
 - Hospitals: 7.1 %
 - LTCFs: 3.5 %
- Estimated number of patients per year with an HAI in Belgium
 - Hospital: 111.276
 - LTCFs: 170.090
- HAI would cause about 2.600 death/year (KCE, 2007)



MRSA & ESBL in Belgian hospitals

MRSA and ESBL-positive *E. coli* & *K. pneumoniae* from clinical samples in Belgian acute care hospitals (/1000 admissions) 1994 - 2015



isp Source: National surveillance, B. Jans
wiv



What is not working ?

- ? Absence of/unknown/poorly designed procedures
- ? Lack of adherence to hand hygiene precautions
- ? Physicians vs. nurses
- ? Staffing
- ? Antibiotic stewardship
- ? Environmental cleaning
- ? Infection control programs
- ? ...



all teach,
all learn*

* inspired by IHI



PAQS ASBL

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We are

- A young (2014), Not-for-profit and small organization (7 FTE - 650.000 euros/year)
- Working at the regional level (Brussels and Wallonia)...
- ... with partnerships at national and international levels
- Created by healthcare stakeholders (hospitals, sickness funds, universities, physicians, nurses, ...) for healthcare institutions and professionals
- With one priority : **Improving Patient Safety**



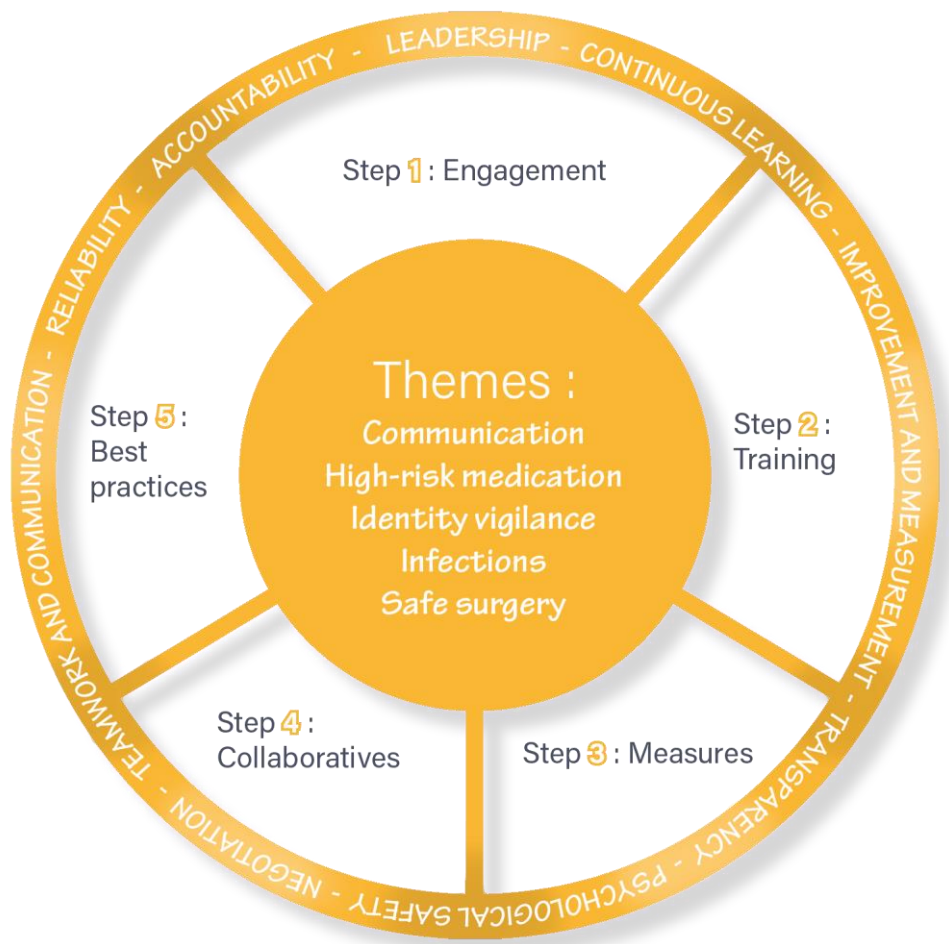
Patient Empowerment

Team Work

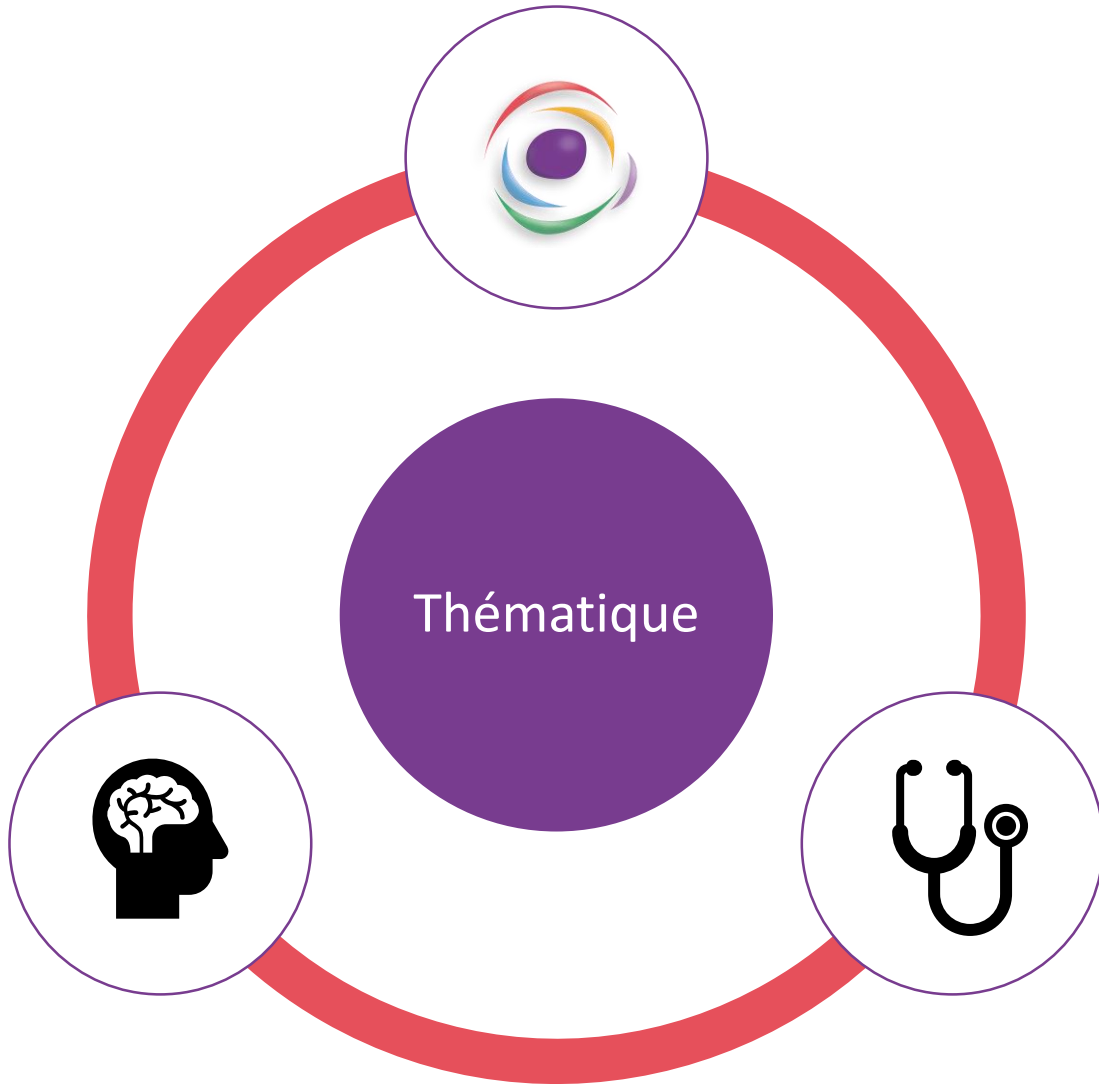
Leadership

Accreditation

- Indicators
- QI
 - PROMS & PREMS
 - Patient Safety



Safety Culture – Communication – Events – Education



Ensemble pour l'**A**MELIORATION
des soins de santé



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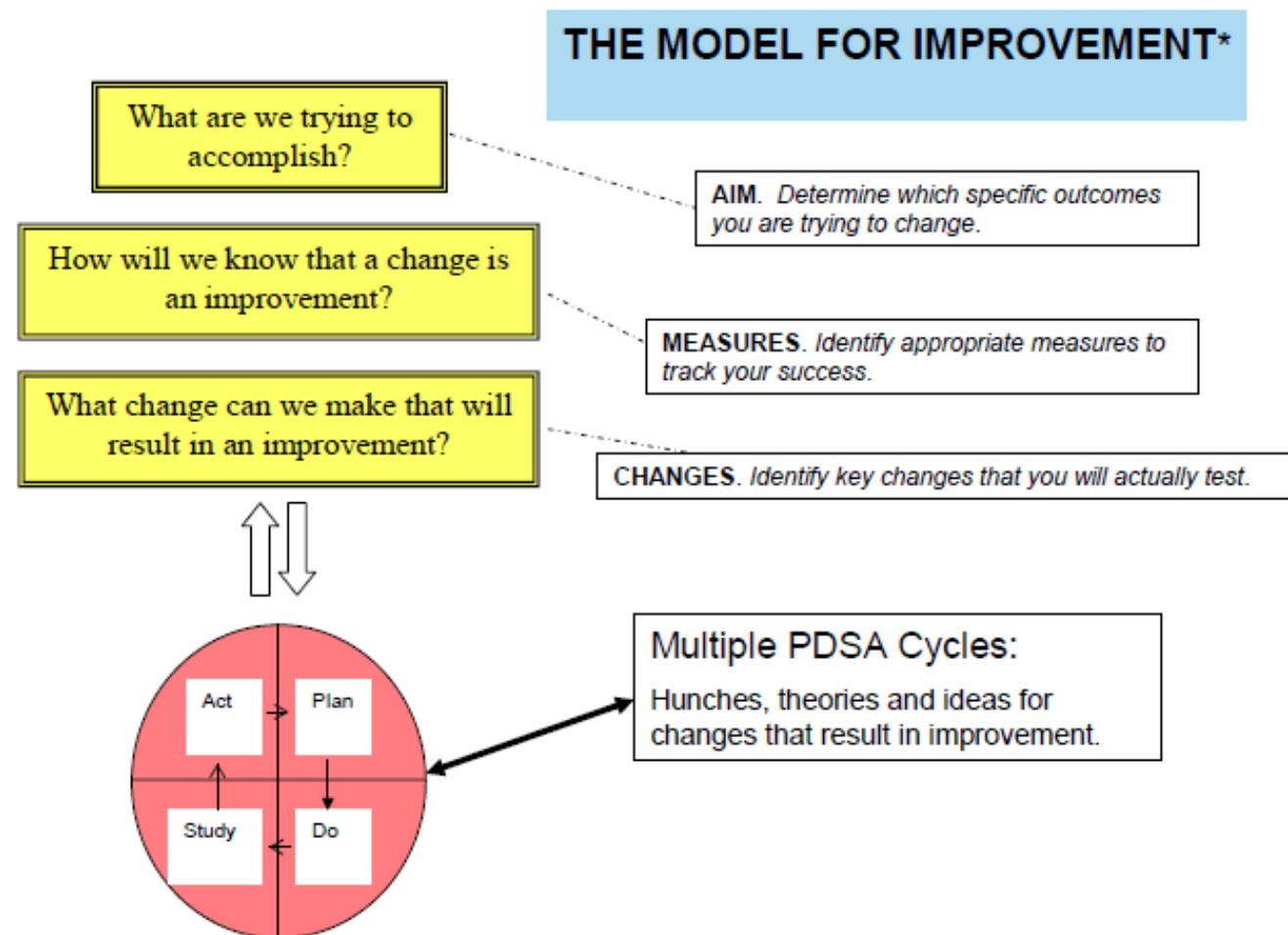
* inspired by MIT

How can I improve
healthcare today?





Model for Improvement





HAI as an example

- 20 hospitals (1/3) are working **together**
- They
 - meet regularly (every 6 weeks)
 - Implement actions and present results
 - Share new ideas, new tools, new methodologies
- We offer
 - A place to meet
 - Resources
 - Training (in person and online)
- What we want to achieve
 - Identify best practices, and spread them at the system level
 - Increase patient safety



PAQS
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*How can I improve
healthcare today ?*

