

Part 4

Putting measurement on a diet to improve patient outcomes & to increase clinicians' joy in work

Marieke Zegers, Gijs Hesselink, Rutger Verhage, Hans van der Hoeven

Department of Intensive Care Medicine, Radboud University Medical Center, Nijmegen, the Netherlands

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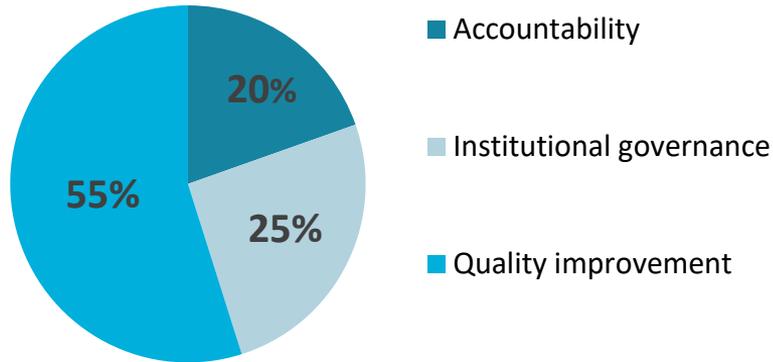


Marieke.Zegers@radboudumc.nl

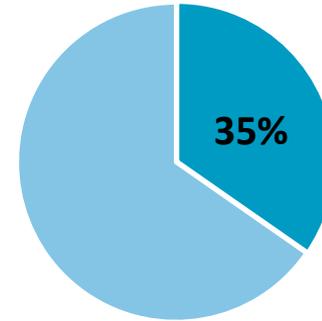
Administrative burden in the ICU

55 minutes per shift spent on quality registrations: nurses 60/physicians 31 mins

Purpose



Useful for quality



Registrations



focus on patient care



quality of care

Aim of experiment (ZIRE)

To increase the efficacy of quality indicators for better patient outcomes

Interventions

1. **core set** of quality indicators
2. **De-implementing** all other quality registrations
3. Focus on **learning and improving** on quality issues

“Zinvolle Registratie” ZIRE
Dutch acronym for
“meaningful registration”



Intervention (part 1) ICU core set of 16 indicators

| | |
|---|---|
| <p>Organisational pre-conditions including quality visitation, safety culture, mental wellbeing of ICU professionals</p> | <p>Treatment outcomes including mortality, ICU readmissions</p> |
| <p>Patient reported experience measures (PREMs)</p> | <p>Patient reported outcome measures (PROMs) including physical, mental and cognitive wellbeing and quality of life of ICU survivors</p> |

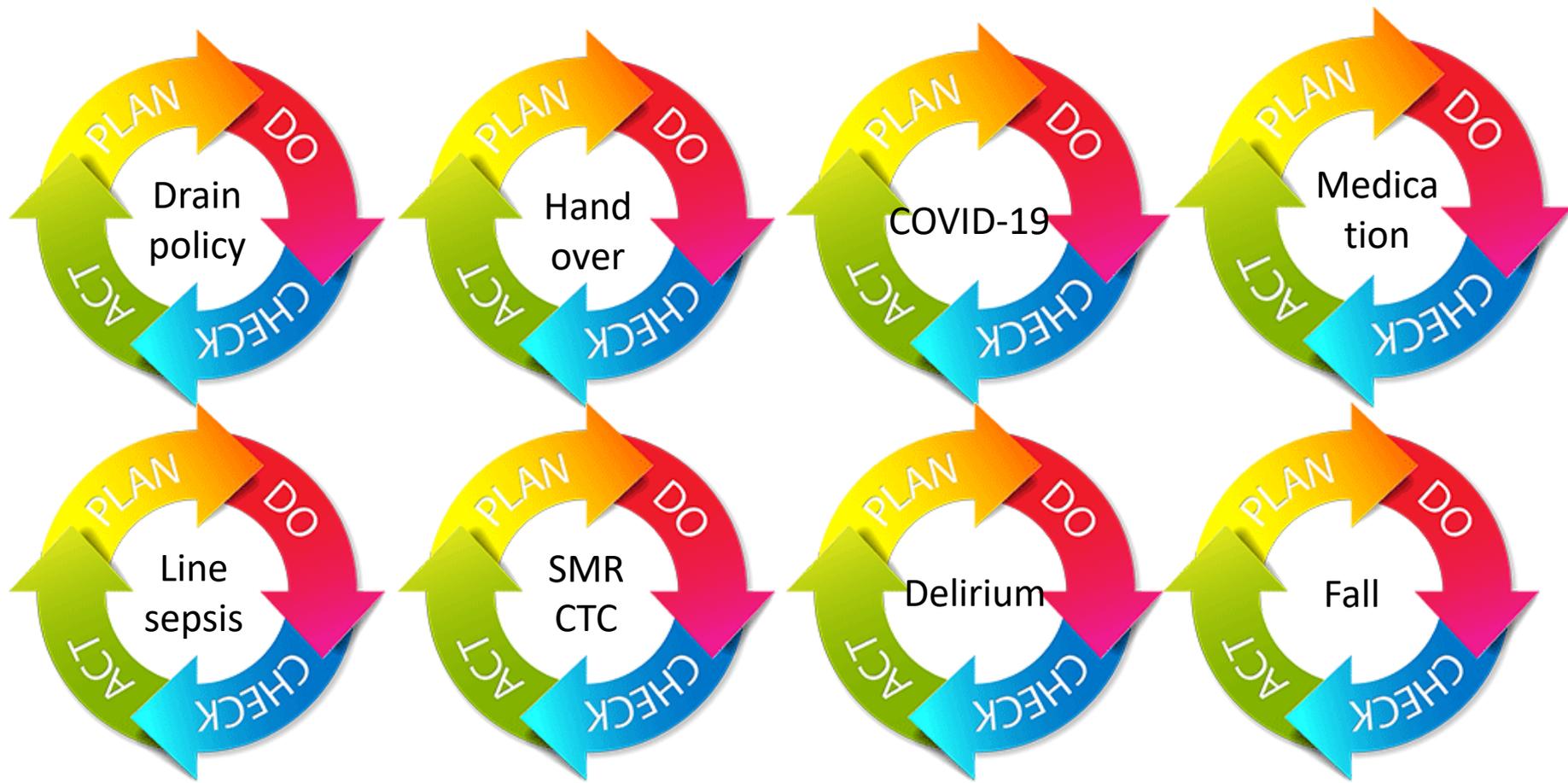
Intervention (part 2) De-implementation

- ☒ Sepsis bundle
- ☒ Surgical checklist
- ☒ Pain registration
- ☒ Internal audits for accreditations
- ☒ Complication registration
- ☒ Incident reporting



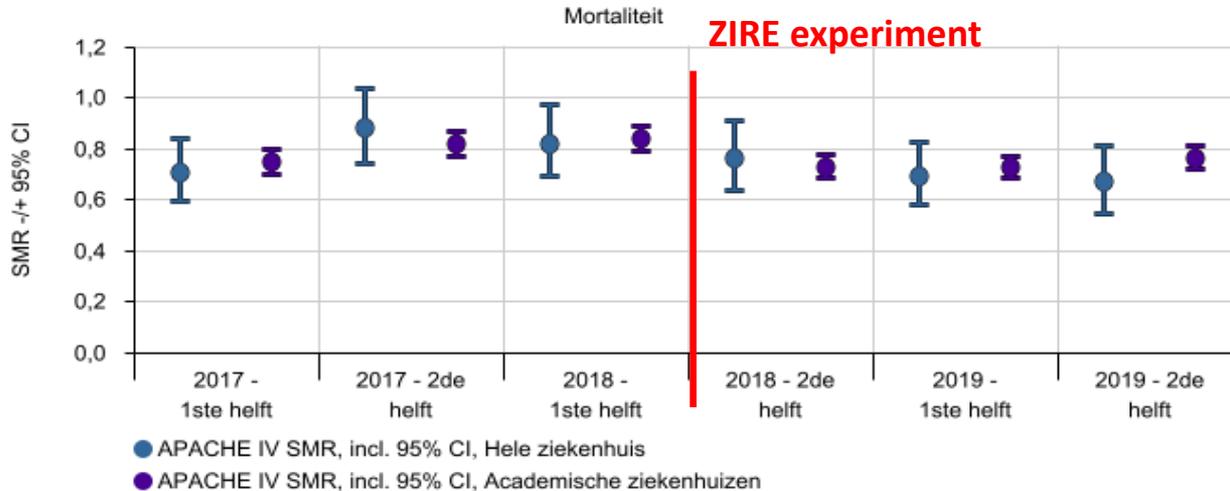
Note: clinicians continued registering deviations and necessary information for adequate patient care

Intervention (part 3) Focus on learning and improving



Results

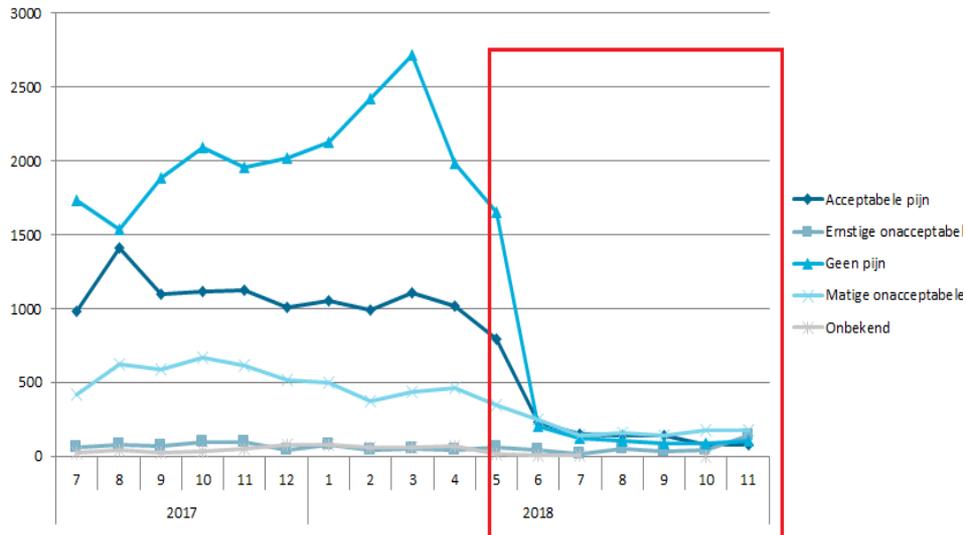
- ↓ Registration time reduced with 24 minutes per shift
- ↓ Reduction in perceived unnecessary registrations
- ↑ Improved patient outcomes: lower mortality and ICU readmissions rates



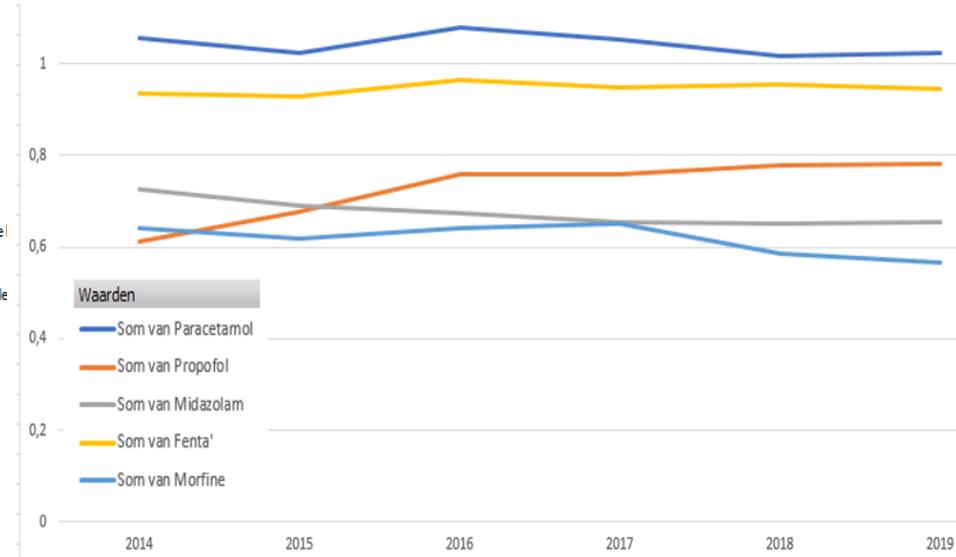
Results: pain treatment

Reduction in registered pain scores

ZIRE experiment



Equal prescribed pain medication in the ICU



Conclusions

- Healthcare benefits from a reorientation on the purpose and use of quality registrations
- Empowering and trusting clinicians are essential for good clinical governance



E: Marieke.Zegers@radboudumc.nl

Senior researcher, Department of Intensive Care Medicine,
Radboud University Medical Center, the Netherlands

Take home

#Quality2022 #F3 @QualityForum

1. It's time to connect & reduce
2. Dialogue on quality & safety improvement
3. How do you continue your dialogue to optimize quality & safety?

Mees Baartmans, Nivel

Erica De Loos, NVZ, T: @PatVei

Ylonne Sensen, TvV

Hugo Solleveld, IGJ

Marieke Zegers, Radboudumc

