



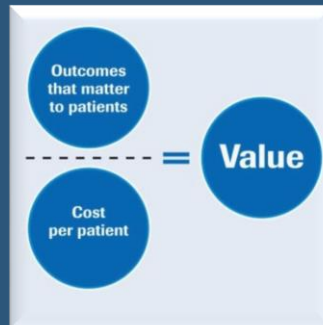
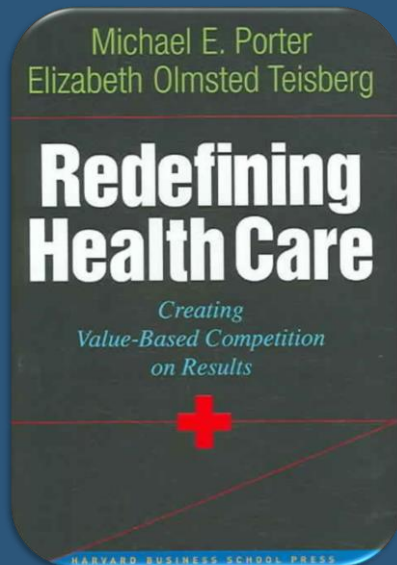
VERBETEREN VAN DE ZORGPROCESSEN EN HET METEN VAN DE ZORGKwalITEIT-INDICATOREN

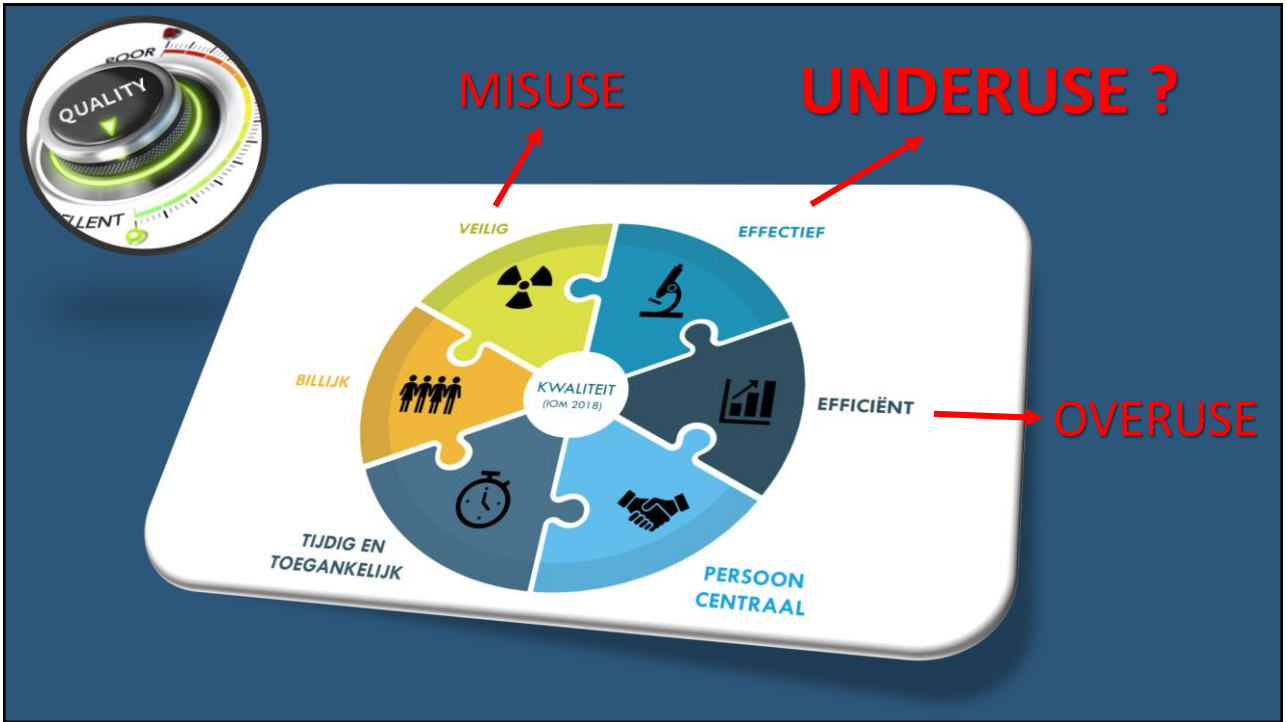
PROF. DR. KRIS VANHAECHT

LEUVENS INSTITUUT VOOR GEZONDHEIDSZORGBELEID
 KU LEUVEN

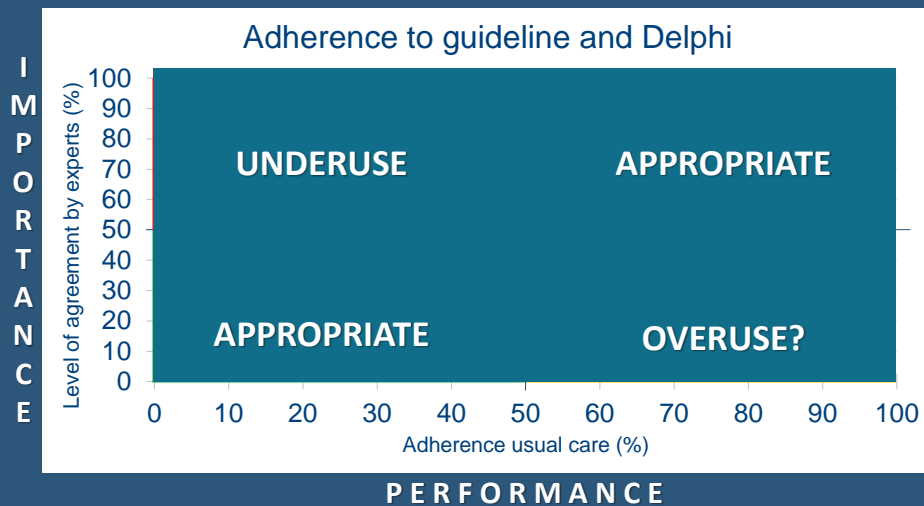


Wishful thinking of ...



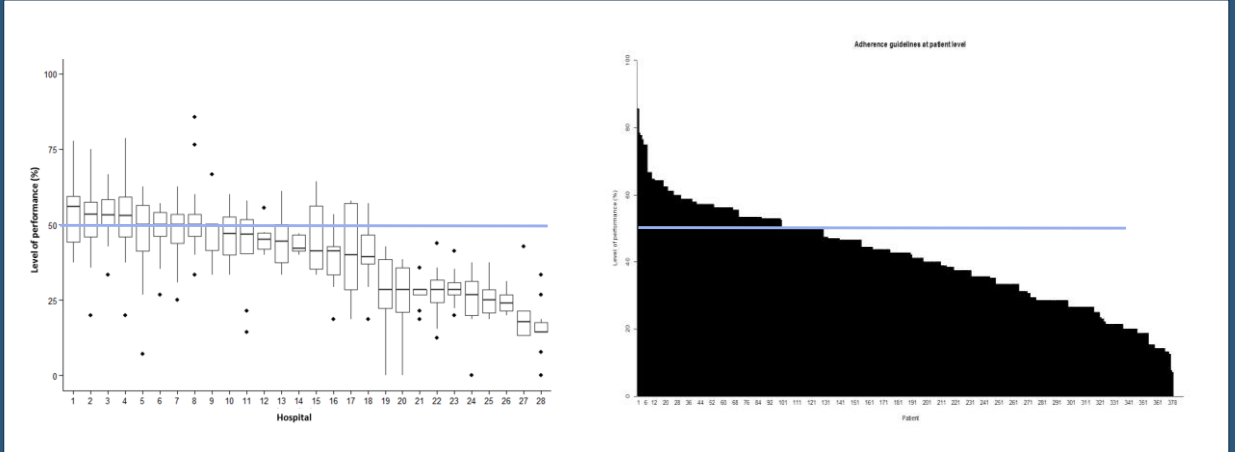


Importance Performance Analysis



Seys, D., Bruyneel, L., Decramer, M., Lodewijckx, C., Panella, M., Sermeus, W., Boto, P., Vanhaecht, K. (2017). An International Study of Adherence to Guidelines for Patients Hospitalised with a COPD Exacerbation. *COPD*, 14 (2), art.nr. 10.1080/15412555.2016.1257599, 156-163

Variation within and between COPD Hospitals & Patients



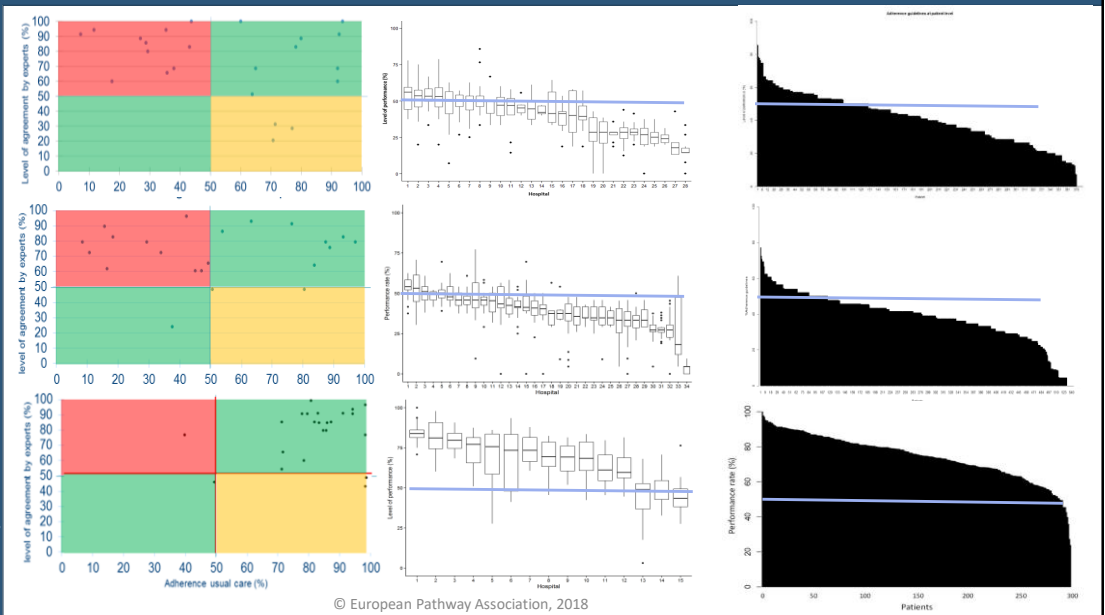
Seys, D., Bruyneel, L., Decramer, M., Lodewijckx, C., Panella, M., Sermes, W., Boto, P., Vanhaecht, K. (2017). An International Study of Adherence to Guidelines for Patients Hospitalised with a COPD Exacerbation. *COPD*, 14 (2), art.nr. 10.1080/15412555.2016.1257599, 156-163

Variation within and between

COPD
Seys et al, 2017

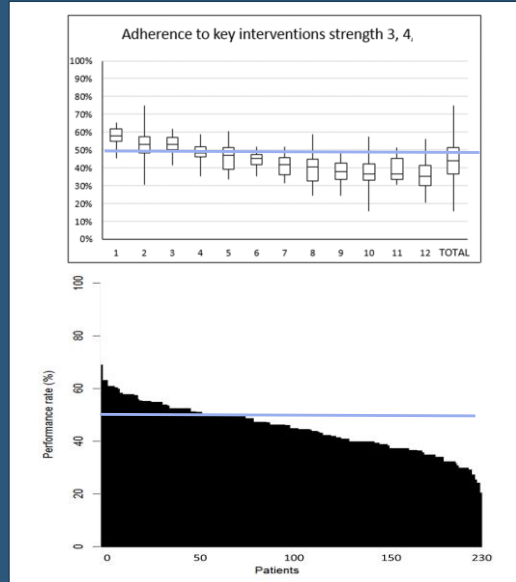
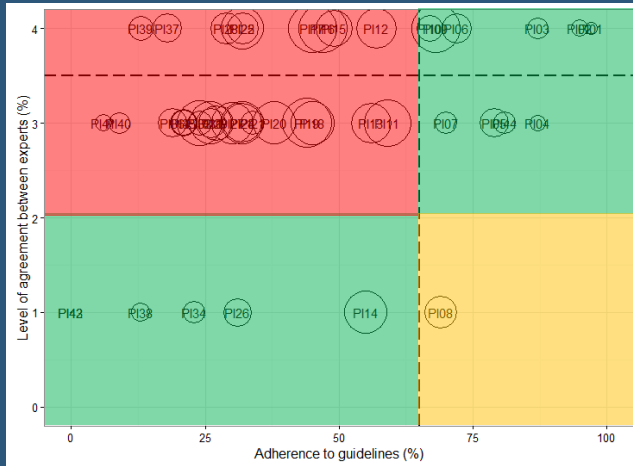
HIP#
Seys et al, 2017

STeMI
Aeyels et al, 2017



Variation within and between ERAS colorectal 12 participating hospitals

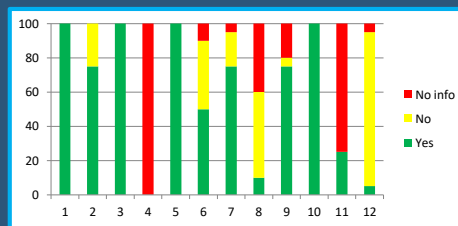
(3 Belgium, 3 Netherlands, 3 France, 3 Germany)



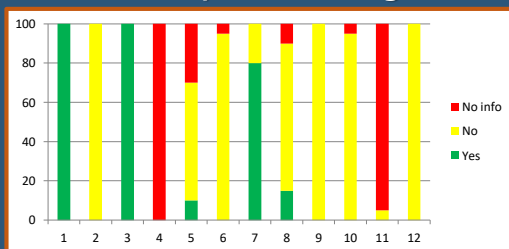
Van Zelm, R., Coeckelberghs, E., Sermeus, W., de Buck van Overstraeten, A., Weimann, A., Seys, D., Panella, M., Vanhaecht, K. (2017). Variation in care for surgical patients with colorectal cancer: protocol adherence in 12 European hospitals. *International Journal of Colorectal Disease, Ahead of print*, art.nr. 10.1007/s00384-017-2863-z

ERAS colorectal variation within and between

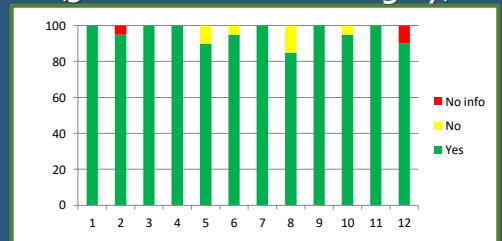
Screening nutritional status



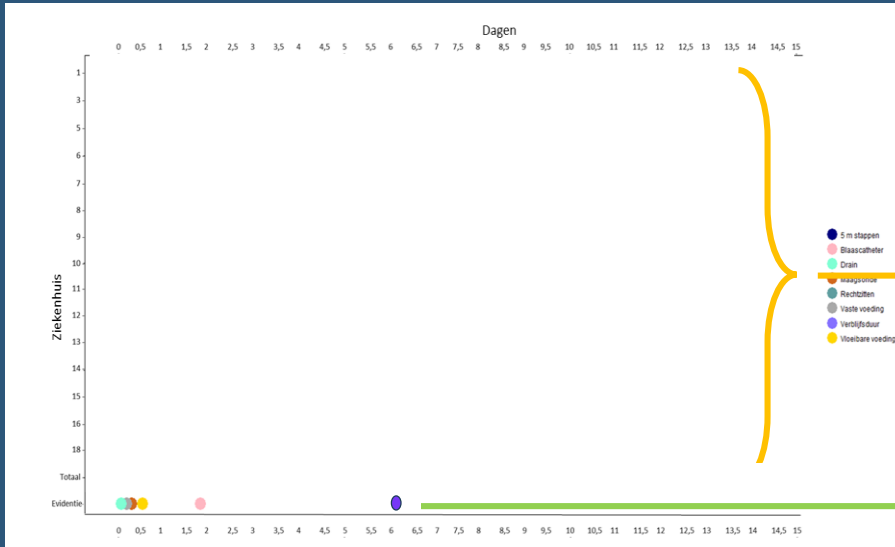
Carbohydrate loading



IV antibiotic prophylaxis (30 – 60 mins before surgery)



ERAS STUDIE IN VLAANDEREN (N=15)



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**Guideline, Protocols,
Evidence Based Medicine,
Pathways, ...
& Implementation ...**

MIND THE GAP

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Case study Ophthalmologie

Original Research Article

EJO European Journal of Ophthalmology


Standardized care by redesign of an intravitreal injection pathway

European Journal of Ophthalmology
1–8
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DOI: 10.1177/1120672117754169
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SAGE

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Case study Ophthalmologie

Patient identification		
Intra Vitreal Injectie (IVI)		
Nurse:		
Medical doctor:		
PREPARATION OF THE PATIENT/TIME-OUT		
1. Nurse takes patient out of waiting room	O yes O no	Time:
Nurse introduces oneself to the patient		
2. Time-out procedure:	O yes O no	
Surname?	O correct O not correct O not asked	
Name?	O correct O not correct O not asked	
Date of birth?	O correct O not correct O not asked	
Which eye?	O correct O not correct O not asked	
Put an arrow above eye that needs injection	O yes O informed	
PREPARATION IVI		
3. Doctor introduces oneself to the patient	O yes O no	Time:
4. Patient gets operating theatre cap	O yes O informed	
5. First kind of eye drops (BNX/phenylefrine)	O yes O informed	
6. Second kind of eye drops (BNX/phenylefrine)	O yes O informed	
7. Disinfection of eye and around	O yes O informed	
8. Open Custom Pack	O yes O no	
9. Doctor prepares table	O yes O informed	
10. Doctor prepares medication	O yes O informed	
11. Doctor places an eyelid speculum	O yes O informed	
12. Doctor uses scleral marker for position of the injection	O yes O use when injecting	
13. Injection of medication	O yes O informed	Time:

Mark place of injection:		
		
POST IVI		
14. Check vision/eye pressure	O yes O informed	
15. (if necessary, front room injection)	O yes O no	
16. 2 à 3 drops Hyabak Pro	O yes O informed	
17. Doctor: remove eyelid speculum	O yes O informed	
18. Doctor: remove sterile cloth	O yes O informed	
19. Doctor: needle in needle container	O yes O no	
20. Nurse: clean around eye with sodium chloride	O yes O informed	
21. Nurse: set up straight patient	O yes O no	
22. Hyabak Protector eye drops	O given O informed	
What and how put the eye drops?	O yes O no	
23. Ask if the patient has a new appointment	O yes O no	
24. Patient leaves the room		Time:

Case study Oftalmologie

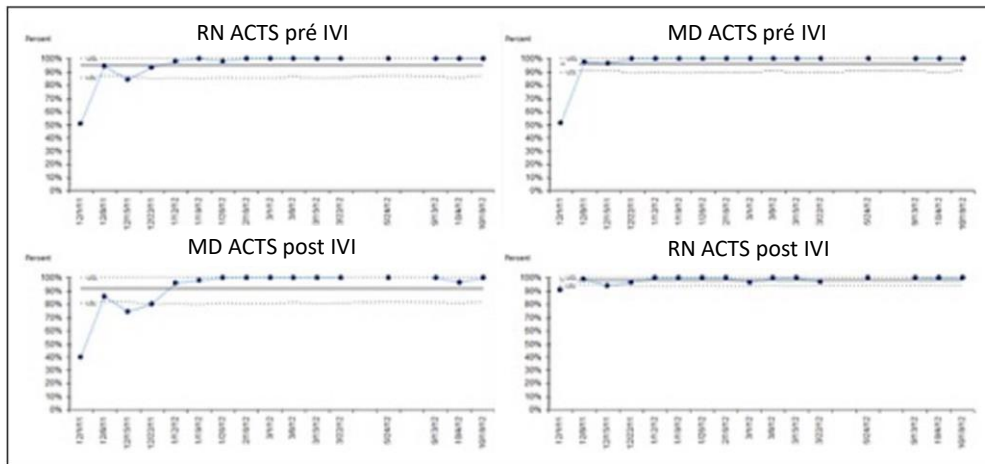


Figure 3. P chart safety indicators. These charts indicate for every measurement point in chronological order, the adherence to the safety procedures in the protocol for the registered nurse (RN) and the medical doctor (MD).

**IS DIT VOLDOENDE
OM KWALITEIT VAN
ZORGPROCESSEN TE METEN?**

