



| | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| (potentiële) belangenverstrengeling | Geen |
| Voor bijeenkomst mogelijk relevante relaties met bedrijven | Getinge |
| <ul style="list-style-type: none">• Sponsoring of onderzoeksgeld• Honorarium of andere (financiële) vergoeding• Aandeelhouder• Andere relatie, namelijk ... | <ul style="list-style-type: none">• NVT• NVT• NVT• NVT |



GETINGE 

Davy Meeus

Account Manager Infection Control

Studies van de laatste 18 jaren

- Riley R, Beanland C, Bos H. Establishing the shelf life of flexible colonoscopes. *Gastroenterology Nursing*. 2002;25(3):114-9.
- Rejchrt S, Cermak P, Pavlatova L, McKova E, Bures J. Bacteriologic testing of endoscopes after high-level disinfection. *Gastrointestinal Endoscopy*. 2004;60(1):76
- Muscarella LF. Inconsistencies in endoscope-reprocessing and infection-control guidelines: the importance
- of endoscope drying. *Am J Gastroenterol* 2006;101:2147-54.
- Osborne S, Reynolds S, George N, Lindemayer F, Gill A, Chalmers M. Challenging endoscopy reprocessing guidelines: a prospective study investigating the safe shelf life of flexible endoscopes in a tertiary gastroenterology unit. *Endoscopy*. 2007;39(9):825-30.
- Wardle, B. (2007). Endoscope storage cabinets. *Journal Gastroenterological Nurses College of Australia*, 17(3): 5-11.
- Vergis AS, Thomson D, Pieroni P, Dhalla S. Reprocessing flexible gastrointestinal endoscopes after a period of disuse: is it necessary? *Endoscopy*. 2007; 39: 737-9.
- Pineau L, Villard E, Duc DL, Marchetti : B. Endoscope drying/storage cabinet: interest and efficacy. *Journal of Hospital Infection*. 2008 Jan; 68(1):59-65.
- Foxcroft L, Monaghan, W., & Faoagali, J. (2008). Controlled study of the Lancer FD8 drying/storage cabinet for endoscopes. *Journal Gastroenterological Nurses College of Australia*. 18, 5-11.
- Foxcroft L, Monaghan W, Faoagali: J. Controlled study of the Lancer FD8 Drying/Storage Cabinet for Endoscopes. *J. GENCA*. 2008;18(2):5-11.
- Wardle E. Endoscope storage cabinets. *J.GENCA*. 2007;17(3):7-12.
- Kovaleva J, Degener JE, van der Mei HC. Mimicking disinfection and drying of biofilms in contaminated endoscopes. *J Hosp Infect* 2010; 76: 345-50.
- Courné, E. & Geysens, S. (2011). Recommendations for good practice in use of storage cabinets for heat sensitive endoscopes]. *Acta Endoscopica*. 41(3), 153-159.
- Kovaleva J, Peters FTM, van der Mei HC et al. Transmission of Infection by Flexible Gastrointestinal Endoscopy and Bronchoscopy. *Clin Microbiol Revs* 2013; 26: 231-254.
- Grandval, P., Hautefeuille, G., Marchetti, B., Pineau, L., & Laugier, R. (2013). Evaluation of a storage cabinet for heat-sensitive endoscopes in a clinical setting. *Journal of Hospital Infection*. 84(1), 71-6.
- Ingram, J., Gaines, P., Kite, R., Morgan, M., Spurling, S., & Winsett, R. (2013). Evaluation of medically significant bacteria in colonoscopies after 8 weeks of shelf life in open air storage. *Gastroenterology Nursing*. 36(2), 106-11.
- Alfa M. Monitoring and improving the effectiveness of cleaning medical and surgical devices. *Am J Infect Control* 2013 May; 41 (5 Suppl):S56-S59.
- Alfa MJ, Fatima I, Olson N. Validation of ATP to audit manual cleaning of flexible endoscope channels. *Am J Infect Control* 2013 March; 41(3):245-248.
- Alfa MJ, Olson N, Murray BL. Comparison of clinically relevant benchmarks and channel sampling methods used to assess manual cleaning compliance for flexible gastrointestinal endoscopes. *Am J Infect Control* 2014 Jan; 42(1):e1-5.
- Brock, A.S., Steed, L.L., Freeman, J., Garry, B., Malpas, P., & Cotton, P. (2014). Endoscope storage time: Assessment of microbial colonization up to 21 days after reprocessing. *Gastrointestinal Endoscopy*. 2014 Dec 5 [cited 2014, Dec 22].
- Alfa M., Mock clinical study demonstrates that ATP cleaning monitoring combined with channel purge storage reliably eliminates *Escherichia Coli*, but not environmental bacteria from duodenoscopes, Sept 2017
- Ofstead CL., Heyman OL, Quick MR., Eiland JE., Wetzler HP. Residual moisture and waterborne pathogens inside flexible endoscopes: Evidence from a multi-site study of endoscope drying effectiveness *AJIC*, March 2018



EUROPEAN COMMITTEE
FOR STANDARDIZATION





Wat is belangrijk?

Bed-side cleaning

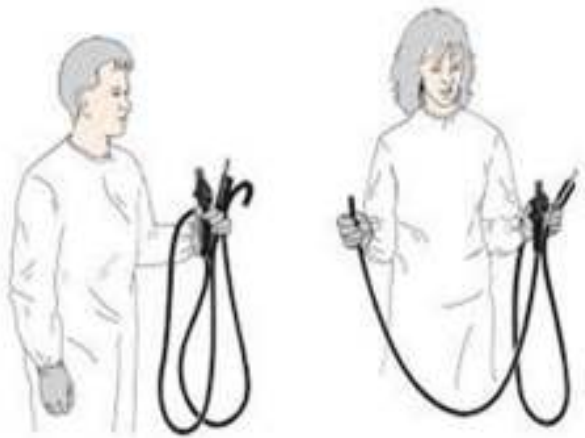
Voorreiniging en borstelen

Reinigen en desinfecteren

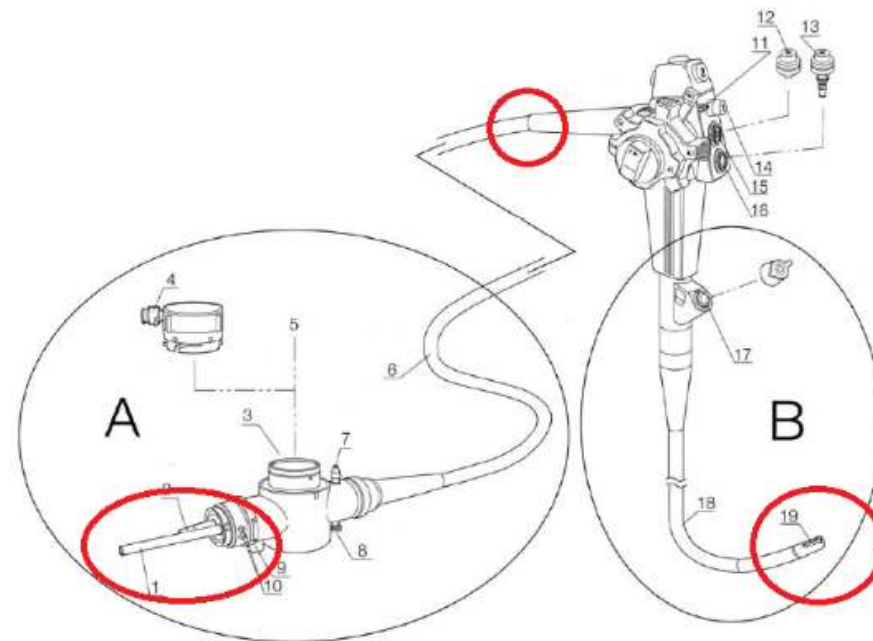
Drogen

En..... ERGONOMIE!!!!

Hoe gebeurt het transport tussen al die stappen?



Belangrijke onderdelen van een endoscoop?



Herstellingskosten tussen
250-9000€

| | | | |
|-----------|----------------------------|-----------|-------------------------------|
| A | PROXIMALE CONNECTOR | 11 | Connector elevatordraadkanaal |
| 1 | Lichtgeleider | 12 | Aanzuigklep |
| 2 | Luchtleiding | 13 | Lucht/water-klep |
| 3 | Elektrische connector | 14 | Afstandsschakelaar |
| 4 | Ontluchtingsconnector | 15 | Aanzuigcilinder |
| 5 | Naar-video-kabel | 16 | Lucht/water-cilinder |
| 6 | Universele cordon | | |
| 7 | Aanzuigconnector | B | DISTAAL UITEINDE |
| 8 | S-koordconnectorverbinding | 17 | Poort van instrumentenkanaal |
| 9 | Connector van watertank | 18 | Invoerbuis |
| 10 | Elektrische contacten | 19 | Distaal uiteinde |

Enkele voorbeelden uit de praktijk



Don't be this guy...

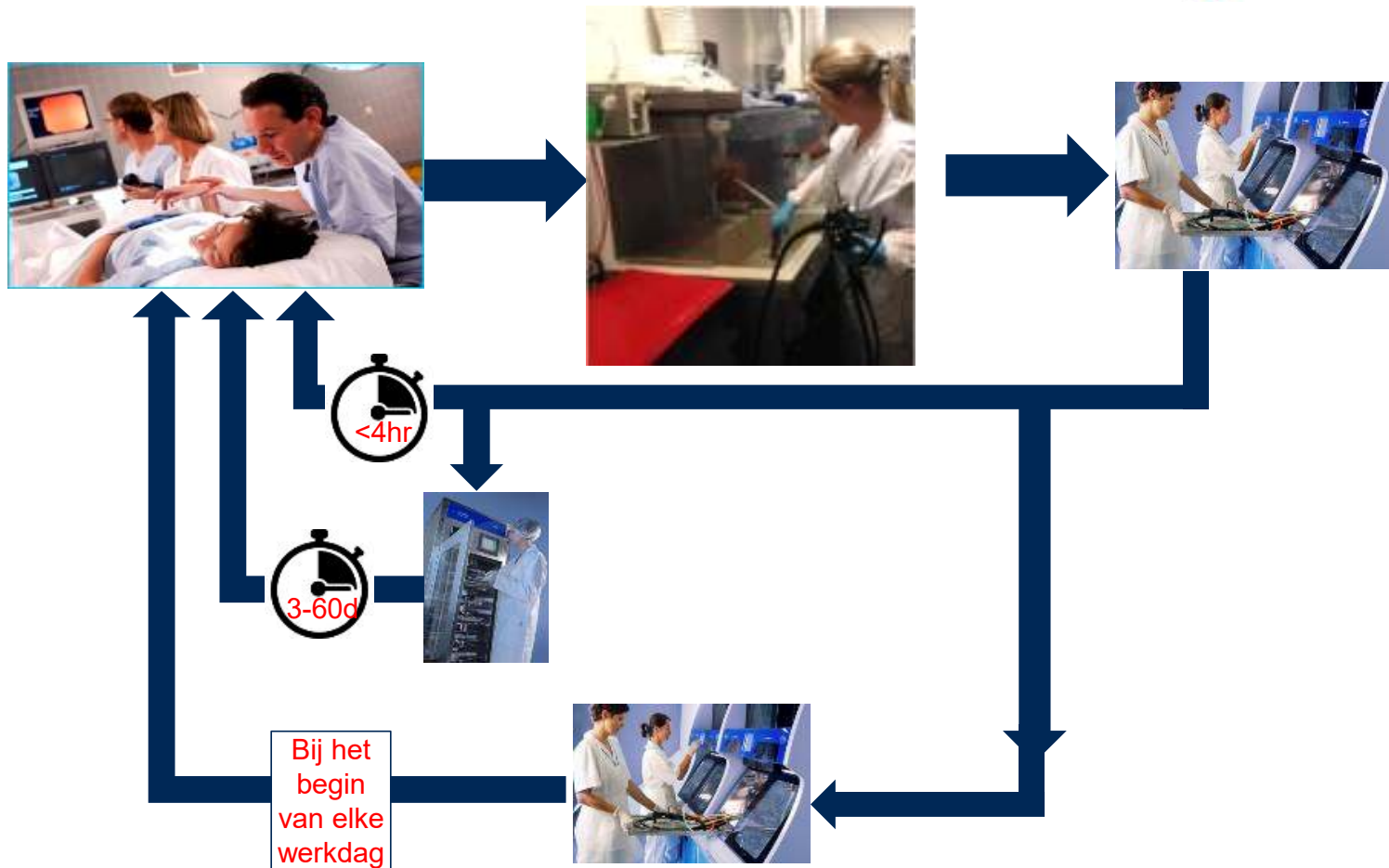


PROFESSIONALISM

De complete Endoscopie oplossing



De reprocessing cyclus



De complete Endoscopie oplossing

Vuile scopen

In de machine

In de droogkast.

GEEN manuele manipulatie

Vervoer naar de patiënt

Transport trolleys

Bij de patiënt

Eerste manuele contact

Een gedesinfecteerde scoop blijft gedesinfecteerd,
tot op het punt van gebruik



De complete Endoscopie oplossing

GETINGE 



This is the weirdest karaoke place I've ever seen.



GETINGE 

Passion For Life