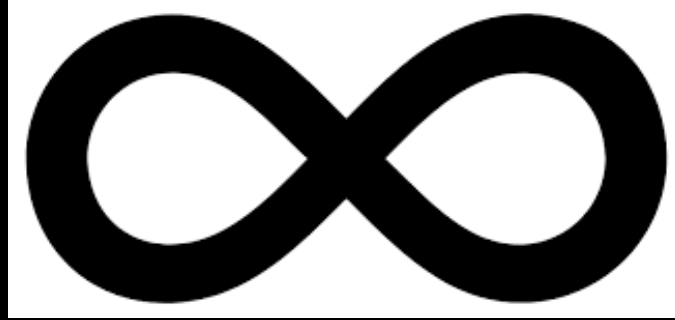


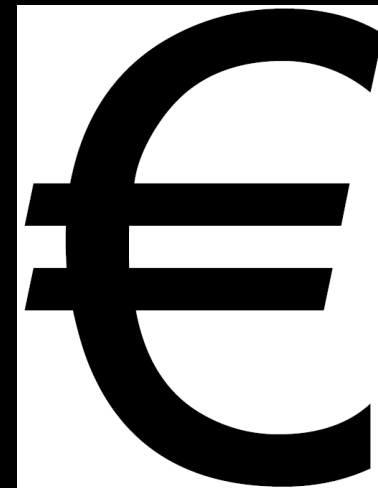
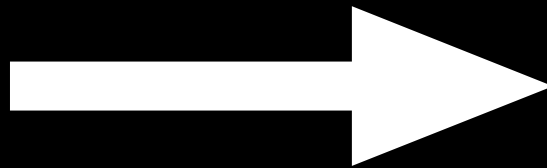
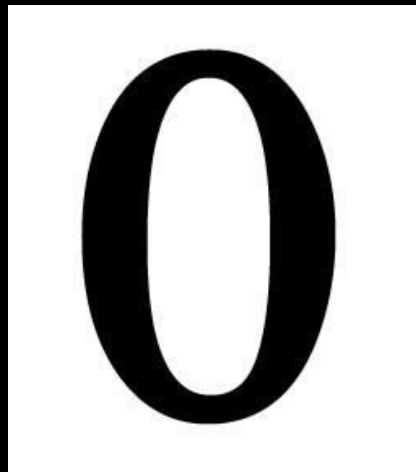
ONE DAY HEUP- EN KNIETPROTHESE

WAT IS DE ROL VAN DE
ANESTHESIST IN HET OPZETTEN VAN
EEN ZORGTRAJECT VOOR HEUP- EN
KNIETPROTHESE IN DAGHEELKUNDE ?

QUEL EST LE ROLE DE L'ANESTHESIST
DANS L'ETABLISSEMENT D'UN TRAJET
DE SOINS POUR LA PROTHESE DE
HANCHE ET DE GENOU EN CHIRURGIE
DE JOUR ?



What is the role of the anaesthetist in the implementation of a care pathway for hip and knee arthroplasty in an outpatient setting?



0 = Zero = nothing

∞ = Hero = everything

€ = Euro = the reward

- ▶ financial, grateful patients, improved relations with colleagues

One Day Hip

Care Pathway for total hip
arthroplasty in an outpatient setting

The 7-phase method to design, implement and evaluate care pathways

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Phase 1: screening phase

- starts at *demand*
- is a CP the *right* answer
- *willingness* of the team
- gain insight into the *existing* organisation

Phase 2: project management phase

- define the patient *population*
- define the time *period*
- bring the *multidisciplinary team* together
- *inform* the team
- calculate the resources

Phase 3: diagnostic- and objectification phase

- Evaluation of the current situation
 - organisation and team
 - patient and family
 - available evidence and legislation
 - external partners

Phase 4: development phase

- Based on phase 3
- list of key interventions, based on the literature, to achieve the objective of the process
- list of goals of the process
- communication between all the stakeholders
- available resources

Phase 5: Implementation phase

- Information for every (extended) team member
- implementation plan
- role of every core team member
- feedback and adjustment

Phase 6: Evaluation phase

- compliance with the care process (indicators)
- outcome indicators
- diagnostic evaluation

Phase 7: Continuous follow up

- yearly evaluation of outcome and process indicators
- every six months meeting of the core team

In practice

- Design
 - ▶ kick off + core team meetings
 - ▶ detailed evaluation of the actual pathway
 - ▶ improvements = homework
 - ▶ more meetings
 - ▶ implementation and evaluation

In practice

- Design anaesthesia related
 - ▶ Pre-operative
 - pre-operative education
 - set up for evaluation
 - pre-emptive analgesia

In practice

- Design anaesthesia related
 - ▶ Peri-operative:
 - anaesthesia
 - PONV, NMBA, T^o
 - multi-modal analgesia
 - discharge criteria
 - patients flow in the OR

In practice

- Design anaesthesia related
 - ▶ Post-operative:
 - analgesia
 - patients feedback : QoR-15 and phone call
 - ▶ Quality indicators

In practice

- Same process for everyone
 - ▶ Rapid Recovery
 - information
 - preoperative evaluation

In practice

- Same process for everyone
 - ▶ day of surgery
 - according to the protocol
 - focus on a fast rehabilitation
 - ▶ anaesthesia
 - ▶ surgery
 - ▶ postoperative period

In practice

- Same process for everyone
 - ▶ days after surgery
 - GP, phone call, QoR 15 on tablet
 - analgesia, (anti-thrombotic, antibiotic and exercise) protocol

Literature

- Care pathway (clinical, critical, ...)
 - ▶ pre-operative evaluation
 - ▶ pre-operative education
 - ▶ pre-emptive analgesia

Literature

- Care pathway (clinical, critical, ...)
 - ▶ peri-operative protocol
 - RA
 - anti-emetic treatment
 - multi-modal analgesia
 - discharge criteria
 - ▶ enhanced rehabilitation program

Literature

- reasons for delayed discharge
 - ▶ hypotension
 - ▶ nausea
 - ▶ pain
 - ▶ sedation
 - ▶ no safe mobilisation

Literature

- reasons for delayed discharge
 - ▶ peri-operative blood loss
 - ▶ position on the OR list
 - ▶ > 75 years
 - ▶ BMI > 35

Literature

- readmissions
 - ▶ no increased readmission rate
 - fracture
 - anaemia requiring blood transfusions
 - infection (pneumonia)

What is the role of answer

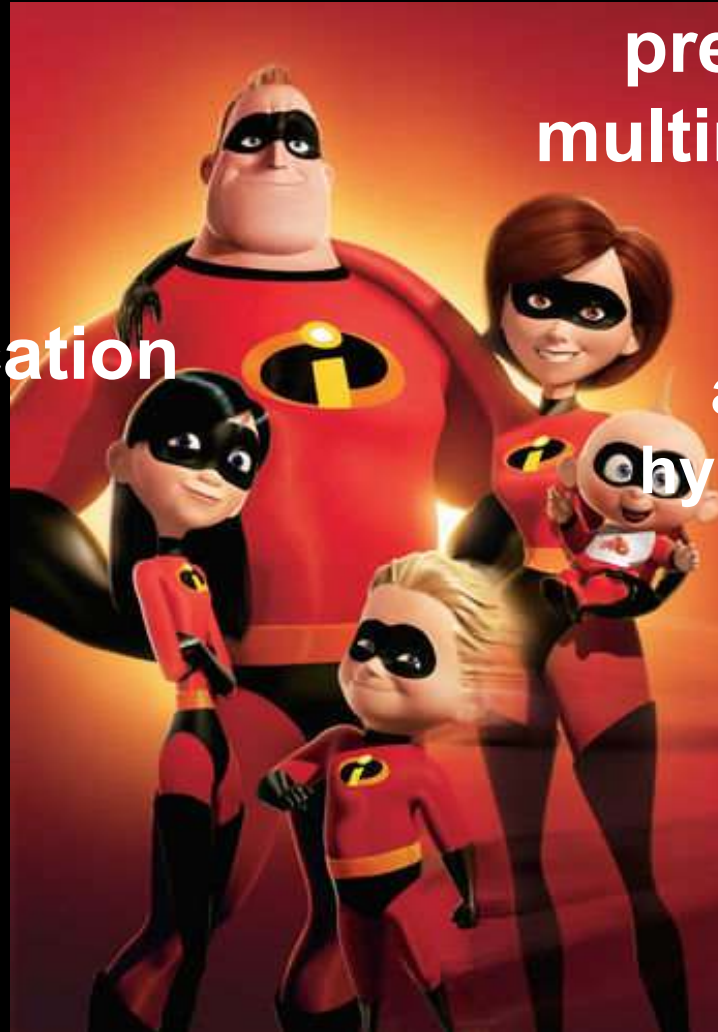
- the usual suspects
- the incredibles

pre operative evaluation
pain PONV
peri-operative optimal management
post operative discharge criteria



Care pathway with

pre-operative education



pre-emptive and multimodal analgesia

aggressive PONV hypotension treatment

extended post discharge protocol

What is the role of answer

- the actual part that is played by your department
- the rewards ?
 - bundle payment ?
 - Financing for care pathways ?