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Schweizerische Gesellschaft für Sterilgutversorgung Société Suisse de Stérilisation Hospitalière Società Svizzera di Sterilizzazione Ospedaliera

# Management of loan equipment sets

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Joint venture with

Europe Hospitals Johnson & Johnson : Steven Van kerckhoven Sterima : Jef Van Dijck





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The topic of this presentation : « loan equipment sets »

Definition of loan equipment sets:

- external kits, consisting of both instruments and implants
- arriving in the hospital for use in one patient surgery only
- then returning to implant and instrument loan equipment provider







Schweissehnise Gesellschaft für Sierligetverenzung: Section Serten: de Selettenting Kosekeniker Section Sykones al Stavilianstore Opperköhre



**Arrival of loan equipement** 







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#### Classic (non-sterile) flow of loaner equipment sets

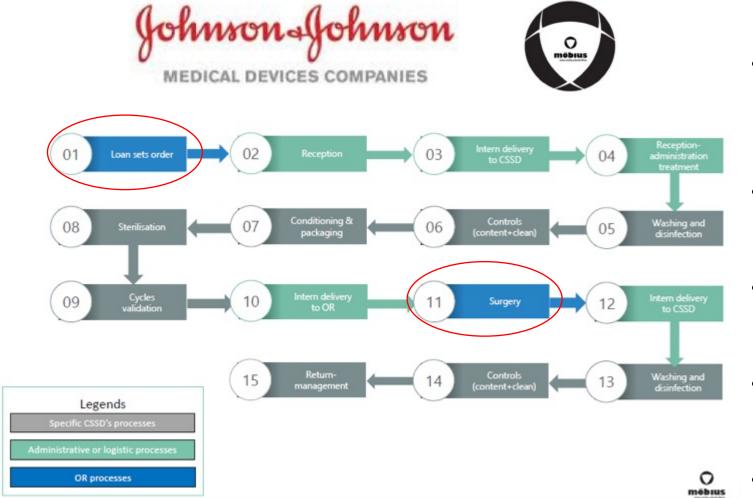
- Arrival of loan equipment at all hours of the day. Traffic jams in Brussels, late ordering of loan kit.
- No forward warning of arrival of loan equipment.
- It made it quite impossible to proceed without disturbing our normal CSSD activity.
- Re-scheduling of theatre lists (various calls and angry theatre staff).
- Due to late arrival of kit, staff staying on and doing overtime... (stress, no happy bunnies)
- No extra staff for this extra work due to budget restrictions in our hospitals.
- MDR requires hospitals to track and trace every tray and instrument, which is difficult with unsterile loaner kits (it would require data entry for every tray).





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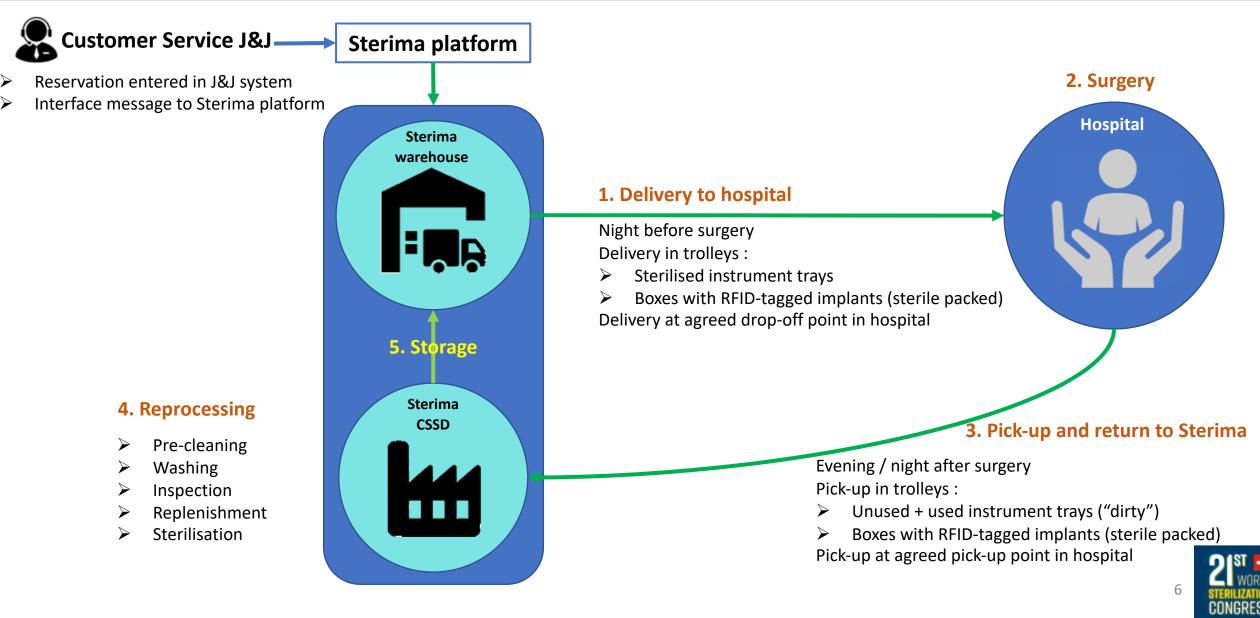


- Survey with Mobius on 11 campuses and additional 29 respondents on main difficulties of loaner kit process
- Introduction of sterile loaner eliminates workload on CSSD
- Partnership with Sterima based on quality and experience
- Joints Reconstruction, Trauma/CMF, Spine are provided in sterile loaners
- Emergency shipments





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Sterima handles the entire supply chain of these equipment sets

- Reprocessing of instruments trays and implant boxes
- Logistics : deliveries to and returns from the hospitals
- Since 2010
- 6 renowned Medical Device manufacturers
  - Such as Johnson & Johnson
- Current volume : 150.000 instrument trays / year







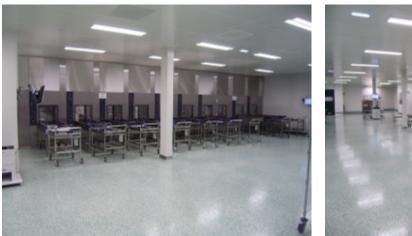
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#### **Reprocessing of instrument trays**

- State of the art CSSD
- Accurate instrument data
  - Tray contents
  - Washing instructions
  - Functional controls
- Cycles validated to handle these specific trays
- ISO 14644 Class 8 cleanroom
- ISO 13485











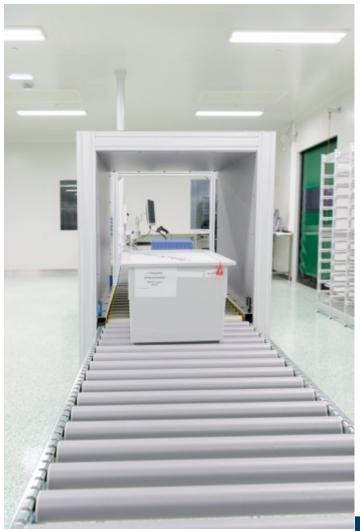


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#### **Reprocessing of Implants**

- Sterile implants
- RFID tag on every implant
- Tunnel RFID reader
- Exact content of every implant box is known
- Accurate implant consumption data
- Implant boxes remain tidy





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#### Logistics

- Shipments to and returns from the hospital sites
- Mainly during night (standard process) but also day deliveries
- Custom made deliveries
  - Instrument and implants together
  - Patient oriented
  - Dedicated to one surgery
  - Avoids the need to check which instrument tray/implant box belongs to which surgery
- Delivery at the drop point set by the hospital
  - Close to the Operating Theatre
  - Night access rights

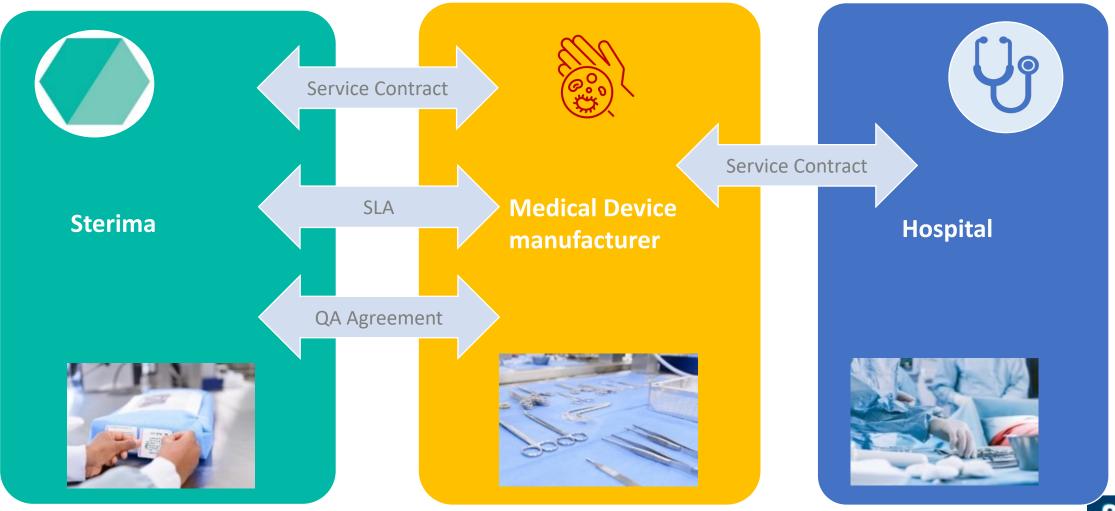








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**Results – using "sterile loaner equipment sets"** 

- Cutting costs by 33%
- Loan kit is delivered during the night in our hospitals
- Kit is always available for theatre
- No disruption to our normal CSSD activity
- Happy CSSD staff, we can focus more on our normal activity
- No more overtime due to loaner equipment sets









Schemissehade Gesellschaft für Starligebranerpung Section Setzes de Selettenting Kospiszike Section Sekana di Starlögandora Agasikiture

#### BELGIUM IS CANDIDATE TO ORGANIZE THE WFHSS CONFERENCE IN BRUSSELS IN 2023

#### J&J and Sterima are in full support of this candidacy



