



# Loaner instrumentation, the Dutch approach

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WFHSS

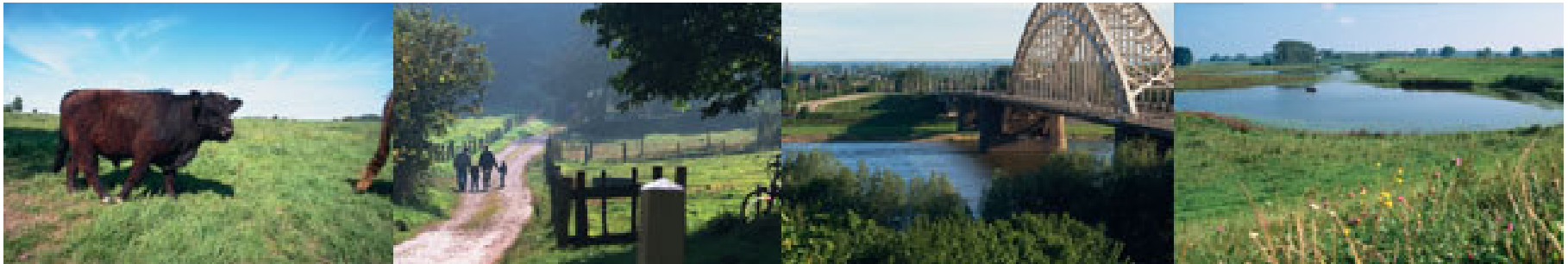
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# Introduction

Diana Bijl

- Expert Sterile Medical Devices  
Radboud University Medical Centre Nijmegen  
The Netherlands
- Chairwoman vDSMH  
(Dutch Society Experts Sterile Medical Devices)



## Loaner instrumentation

- Owner: supplier
- Time: short period (2-4 days)
- Variant: consignment

# Loaner instrumentation

## Advantages

- Low-use frequency
- Special operative procedures
- Lack of storage space
- Cost-effective

## Disadvantages

- A different logistic procedure
- New unknown instruments
- Shortage of time for processing on the CSSD

# The project

## Members:

- Tactical manager OR
- Tactical manager CSSD
- Operational manager Orthopaedic OR
- Medical manager of the Orthopaedic OR
- Expert sterile medical devices (project manager)

## By order of:

- The Hospital infection prevention committee

## Steps

- Analyses of the current norms
- Analyses of the problems arised
- Discussions with the suppliers

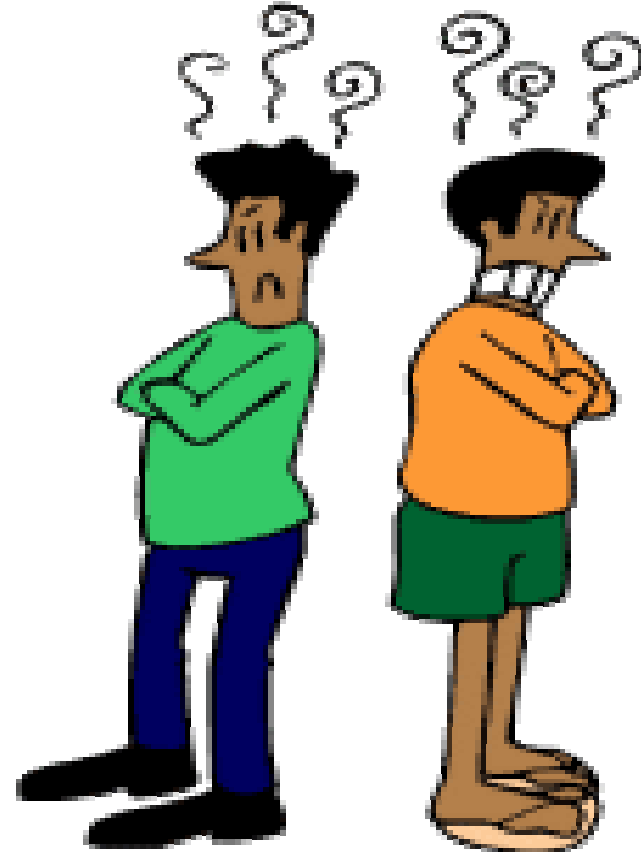


# Norms

- Dutch fieldnorm for loaner instrumentation
- ASHCSP / IAHCSMM position paper
- ISO NEN 17664

## Problems; 1

- Failure in communication between the OR and the CSSD
- Mutual incomprehension
- Unclear appointments



## Problems; 2


- 16 suppliers
- 50 different loaner instrument sets
- 150 loaner sets per year on the Orthopaedic OR (1200 operations per year)
- Different definitions for loaning, consignment and acquisition
- Different names for one set

## Problems; 3

- 10% of the sets contaminated at delivery, despite of a decontamination form!!!

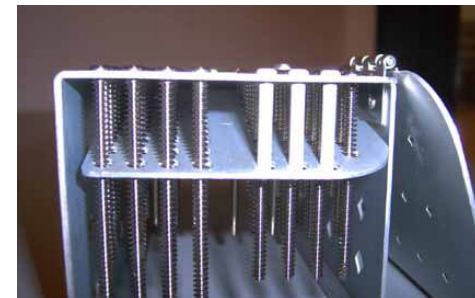
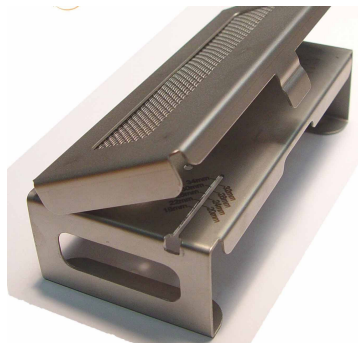
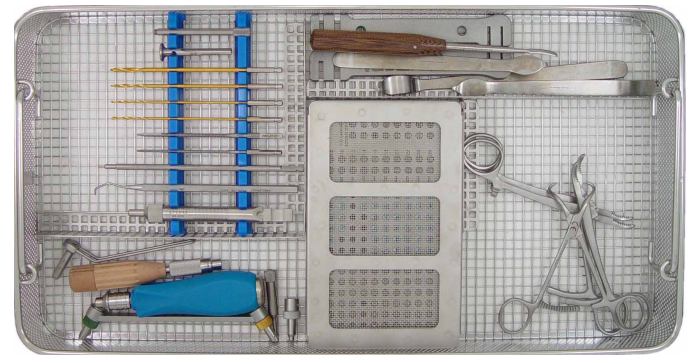


## Problems; 4

- Late delivery
- Missing documents
- No CE marking 
- No reference code
- Incomplete instructions for processing

## Problems; 5

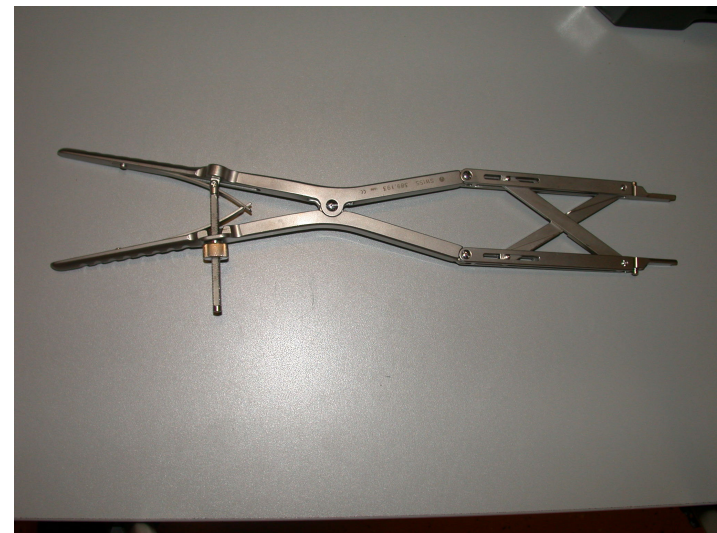
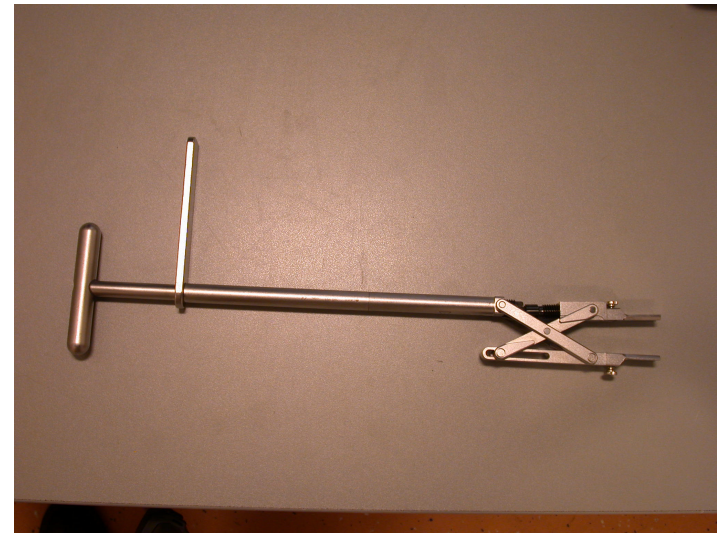
- Different kind of trays for the instruments/ implants





## Problems; 6

- A lot of fixation
- Instruments difficult to decontaminate



## The suppliers

- Appointments with the suppliers
- Discussion with the Nefemed; Dutch federation for suppliers and manufacturers of medical devices, especially for orthopaedic instruments and implants



## Improvements

- Data collecting (photos, manufacturer processing instructions etcetera) in a digital file
- A better communication
- Specified personnel for acquisition of loaner instrumentation
- A list of requirements



## List of requirements

An addition to the Dutch fieldnorm

- Delivery
- Logistics
- Name and Composition
- CE marking
- Reference code
- Manual for processing
- Trays, fixation
- Claims

## List of requirements

- Developed in Nijmegen
- Already used in all university hospitals
- Maybe a Dutch fieldnorm

# Thank You



## Let's go to the concert