Loaner instrumentation, the Dutch approach

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Introduction

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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