■ Besco Fiber Laser
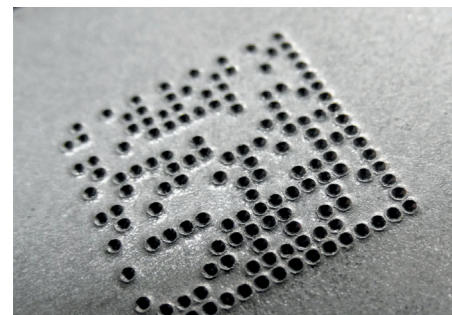
Laser marking for every size of hospital
✓ Purchase – renting – fee per instrument
✓ Support:
    • Templates per type of material
    • Software to generate the unique codes
    • Training

■ Besco Surgiscan

• The fastest and most functional scanner for
  surgical instruments
• Integrated in SteMaTo®

■ Scanners

• Wireless - Wired
• Adjustable docking station

■ RFID

• Writing and reading RFID tags.
• Integrated in SteMaTo®

Besco
projects

SteMaTo®

www.besco.be   www.stemato.com

SteMaTo®: Indispensable software for the support of all CSSD processes

SteMaTo® manages the entire instruments process,
from use on a patient back to being ready for use again in the OR.

SteMaTo® is not limited to Track & Trace in the CSSD,
it also supports the organization of the entire cycle of sets
and instruments: CSSD, OR, nursing services and others.

SteMaTo® is continually changing, adapted to the demands
and wishes of its clients and follows your requirements
in order to help expand the organization optimally and growing along with it.

Endoscopy
Flexible endoscopes

Planning
Link with OK program

Repair
Maintenance

Budget
People & Resources

Management
Reports & Analysis tool

Parameters
Link with machines

Instruments
Characteristics
Data matrix

Loan Instruments
Ordering
Management

Tracing of sets and instruments

✓ Storage
✓ OR use
✓ Link with the patient
✓ Each instrument can be followed through the
   process via a unique data matrix code

Tracking processes

✓ Cleaning
✓ Disinfection
✓ Sterilization
✓ Logistics
✓ Storage

Interface with the equipment

✓ The parameters are compared with the reference values for the release of equipment-loads.
  Unauthorized release of loads is hereby excluded.
✓ The cycle of parameters and graphs are stored in the database.
  No need to print out or store paper documents.

Planning

SteMaTo® can easily be linked with virtually all existing OR-planning systems via an interface. The link between
surgeon - operation type - material to be used is logged as a basis for the allocation of the necessary sets.

SteMaTo® is unique in its way to calculate a dynamic and always up-to-date operation profile

Logistics: Track & Trace

SteMaTo® manages the entire logistic chain for each set and each instrument that is
used in the CSSD.
✓ Organization and monitoring of transports
    • Internal and external transport
    • Storage location management
    • Supplies
✓ Procedure carts
    • In accordance with the operating profile set up
✓ Several technical options are possible::
    • Specific logistic screens in SteMaTo®
    • Hand-held scanners
    • Set up the programming for different types of hand-held scanners to
      communicate with the de SteMaTo® database

Loan instruments

The ordering, follow-up and tracing of the loan instruments are a very specific matter. Every surgeon, each hospi-
tal and each supplier of loan instruments have their own -often not optimally structured- way to treat an important
volume of the CSSD activity. This makes it difficult to prepare these loans instruments on time and well traced for the
surgical procedures. SteMaTo® takes the existing way of working of the surgeon as much as possible into account, but
takes over the communication, the follow-up and the tracking of the entire process

Due to a user-friendly module, one will be able to order loan sets in a simple way, send acknowledgements of receipt
and have them picked up back again, through automatically generated e-mails. SteMaTo® shows an overview of all
orders, containing color codes for the different statuses, and offers the user the possibility to print a decontamination
form which can be attached to the sets while retrieving them.

Flexible Endoscopes

Although the High Level Disinfection and the treatment of the flexible endoscopes in most of the hospitals is not part
of the CSSD activity, several external quality organizations (type JCI, ...) are demanding a real tracing of the process
and treatment of these flexible endoscopes. The module "Endoscopy" gives the opportunity to trace this specific pro-
cess with the same accuracy and usability, taking into account the specific way of working of the department that uses
these flexible endoscopes.

✓ Planning & link with the patient
✓ Pre-cleaning
    • Leak test
    • Manual cleaning (including process
      time registration, according to the
      requirements of the quality manager)
    • Optional: Hemoglobin test

✓ Cleaning & High Level Disinfection
    • Connection with the equipment
    • Control quality parameters
✓ Storage
    • Follow-up storage into the drying
      chamber
    • Permanent view of the expire dates

Consumables OR

Besides sets and instruments, the necessary OR-consumables can also be planned in SteMaTo®. The responsible servi-
ces (e.g. logistics), are able to link a specific list of consumables to each type of surgical procedure/surgeon:

✓ Custom packs
✓ Bandages - scalpels - syringes ✓ Suturesl
✓ ...

✓ Endo- and stapling- material