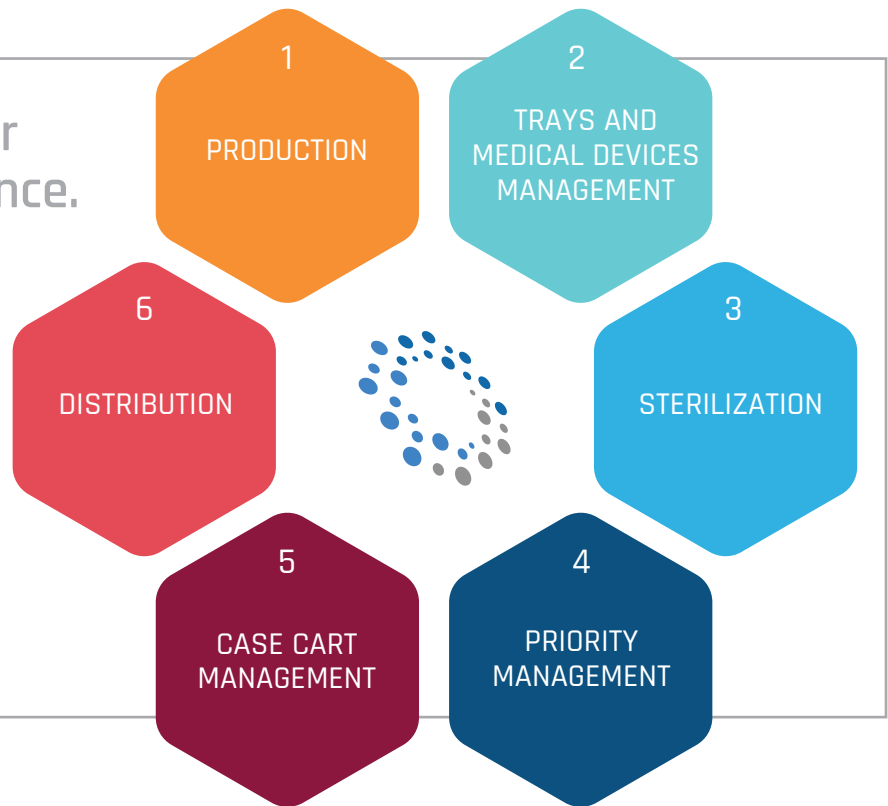


Improve your overall quality control and your reprocessing performance.

The ChronoMEDIC tracking solution for the MDRD manages of the tray production cycle from the decontamination of the medical device (MD) to the patient file.



1 PRODUCTION

- **MD initialization** (establish a connection between the serial number and the type of instrument);
- **MD decontamination and cleaning** with procedures and multimedia support;
- **MD inspection, quality control and maintenance;**
- **Tray assembly, by level, with content validation and pictures allowing for:**
 - MD substitutes
 - Critical instruments
 - Implants use and refill management
 - Owner management.
- **Tray sterilization parameter validation preventing MD destruction;**
- **Sterilizer periodical maintenance,** according to the schedule planned;
- **Delivery of the trays** to customers after sterilization validation;
- **MD repair shipping and return** with quality control;
- **History review:** decontamination/washing, trays and MD, distribution, repairs, etc.;
- **Share information** with ChronoMEDIC users.

2 TRAYS AND MEDICAL DEVICES MANAGEMENT

- **Properties definition** of each MD and tray;
- **Tray technical sheet content listing** including substitutes and critical instruments;
- **MD maintenance planning;**
- **Production instruction** with multimedia support;
- **Various reports:** MD and trays lists, statistics and histories.

3

STERILIZATION

- Schedule the maintenances of sterilizers and review the history;
- Definition of **compatibility between sterilizers**, formulas and trays;
- **Elaboration of quality control** questionnaires;
- Review the **detailed history of sterilization** carts and loads;
- **Report printing**: lists, productivity, maintenances, tray recall, etc.

4

PRIORITY MANAGEMENT

- Each tray technical sheet is defined with a particular **reprocessing priority**. With the **priority management module**, the OR can also fast track one or several trays when needed. All through the MDRD, the technicians will be aware of the new reprocessing priority defined for those sets.

5

CASE CART MANAGEMENT

- The optional case **cart assembly management module** allows the use of an electronic version of the pick list to assist the technician in the case cart preparation. **The technician can use a regular or a portable computer and a wireless scanner to prepare all case carts.**

6

DISTRIBUTION

- The tray distribution menu allows to **validate where your trays are sent through your hospital or remote clients**. This also allows you a quicker response time in case of recalls.

MEDICAL DEVICES MANAGEMENT MODULE BENEFITS

- Easy search and location of the instrument set;
- Quality control of sterilization and management of set recall;
- Sets conformity of content quantity, order and position and label printing displaying missing medical devices in the assembly;
- Lists, stats and reports on number of utilizations, repairs, productivity, etc.;
- Quick and efficient communication between the OR and the MDRD as well as within the MDRD.

GENERAL BENEFITS OF THE CHRONOMEDIC SYSTEM

- Methodological and rapid implementation;
- Decrease in operational costs and self-financing of each module;
- Intuitive system facilitating day-to-day attendants work with simple-to-understand and easy-to-use work tools;
- Modular, flexible and adaptive solutions that allow optimal operational processes of your hospital center;
- Direct contact with the designer;
- Get the understanding and support of a medical team that understands your reality.



For over 25 years, the Canadian company **N.B. Automation** specializes in the design and development of management solutions for quality control and traceability.

ChronoMEDIC is an intuitive solution that makes health care workers and managers day-to-day work easier.