

(A) AnciTtrak[®]

by ATH MEDICAL

LOAN SETS

SURGICAL INSTRUMENTS

TRACEABILITY

PATIENT SAFETY



Optimize your
surgical trays
management



ATHMEDICAL
TRACEABILITY OF SURGICAL DEVICES

www.athmedical.com

ATH MEDICAL IS A MEMBER OF STERIMED GROUP



ATH MEDICAL
TRACEABILITY OF SURGICAL DEVICES

OUR COMPANY

ATH Medical SAS is a French innovative company created in 2013, which goal is to ensure safety and financial risk management of the implantable and reusable medical devices for hospitals and patients. At the heart of Europe and Asia, with our offices in France and Hong- Kong, we provide support to public and private care institutions all over the world.

We implement in-real-time secured & flexible traceability systems to ensure database creation and management step by step, with productivity and security.

In 2014, ATH Medical received the INNOSTER award; prize awarded by a conglomerate of sterilization manager, for the most innovative product in the field of traceability. That same year, ATH was semi-finalist of the international StartMeUp innovation competition.

In 2016, thanks to their study using Ancitrak® for loan instruments management, Lille University Regional Hospital Centre received the prestigious scientific "E-poster" award during WFHSS 2016.

In 2017, ATH Medical becomes part of Sterimed Group.

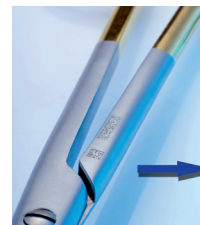
With ATH Medical, more than 3,000,000 instruments are safely identified and tracked each year.

Geoffrey Broninx
President & CEO
ATH MEDICAL

CONTEXT



- (1) **Medical Devices (MD) traceability must ensure :**
- Financial Monitoring
 - Patient Safety
 - Logistic Optimization



- (2) **Hospitals increasingly use instrument traceability managements system to optimize their sterilization process. Different identification solutions exist on the market :**

- Barcodes
 - Data Matrix
 - RFID Tags
- Nevertheless; not all instruments can be marked or engraved due to their shape or dimension. Also because they are still property of the supplier.

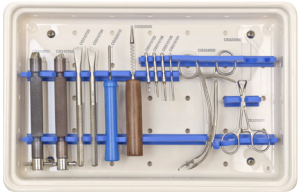
- (3) **What about loan sets?**
Worldwide, hospital are facing the same issues:
- Incomplete set in Operating Room delaying or canceling prescribed surgery to for the patient.
 - Dispute with the vendor due to instrument losses.
 - It is time consuming for the medical staff in hospital.



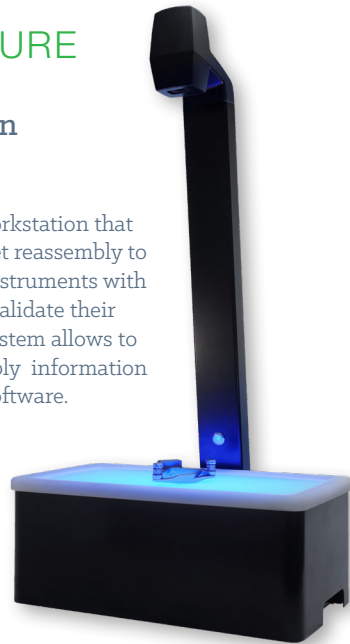
- (4) **Inventory might be lengthy especially for complex sets such as in:**
- Orthopedic surgery
 - Spine surgery
 - Traumatology
 - Neuro surgery

TRACE, MANAGE & SECURE

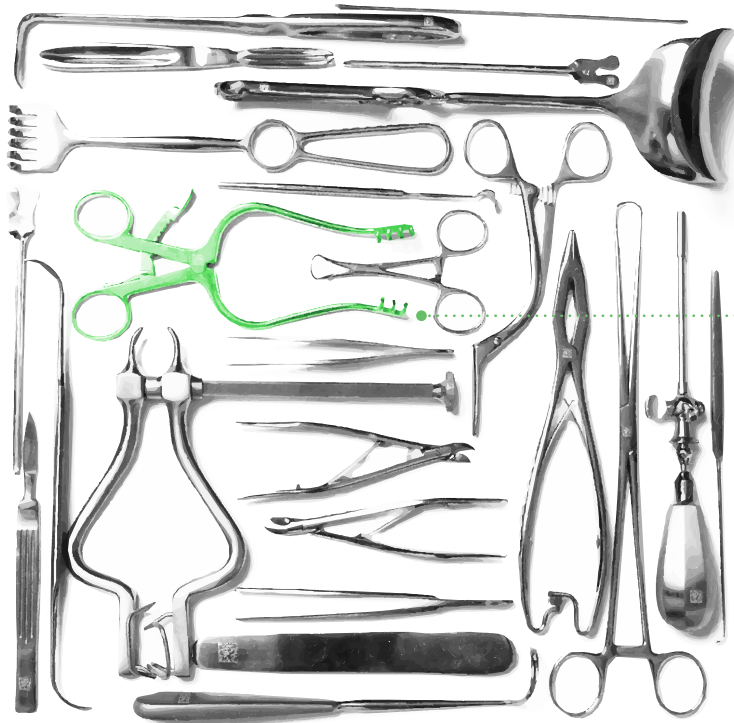
Ancitrak®, efficient traceability workstation that improves the reassembly of loan sets



Ancitrak® is a traceability workstation that helps operators in surgical set reassembly to identify and track surgical instruments with or without DataMatrix and validate their positioning in the set. The system allows to communicate all tray assembly information directly to the sterilization software.



Thanks to a patented technology – EasyIDm algorithm – Ancitrak® identifies and ensures the tracking of all types of reusable surgical devices (with or without DataMatrix), according to its basic physical characteristics. The EasyIDm algorithm recognizes the instrument whatever its positioning direction, size and shape.



The EasyIDm algorithm recognizes the instrument whatever its positioning direction, size and shape.

Managing loan sets for surgery has never been so easy

Up to 20% of productivity gain

- Optimize handling
- Simplify reassembly process for both operating theater & sterilization center staff
- Smart recognition system to find the missing instrument
 - > Positioning help system
 - > Missing instrument identification
- Suitable for any complex loan sets



Improving Patient Safety

- Ensure the reassembly of any kind of surgical instruments with or without marking code
- Secure the content of each surgical trays
- Guarantee reliable reassembly of the trays according to the operators habits

Focusing on what matters

- Record and check surgery trays in real-time
- Create your own digital booklet to make your daily task easier



Getting the right device at the right time in the right tray!



More time to focus on patient surgeries and less on managing loan sets!



Save more than 700 hours and 120 000\$ per year*

PLUG & PLAY

Trace, Manage & Secure

- Gather & manage inventories from the reassembly process to the identification of each surgical device
- Suitable with any sterilization software
- Set up either in sterilization center and/or operating theater
- Share datas with other hospitals and healthcare units without relying on a 3rd part.
- ready to plug to your devices (barcode scanner, desktop printer, marking machine...)

Main features

- Standalone workstation: integrated computer
- Software connectivity to other HIS (Health Information System)
- Hardware connectivity to White Reader, scanner, printer...
- Touch screen: Anti-glare technology, ergonomic design, IP54 waterproof



WET & HUMID
environment



ANTIGLARE
treatment

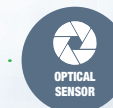


INCLINED
POSITION

Easy to use

Touch Screen

- Antiglare treatment
- Inclined position
- Adapted to wet & humid environment



OPTICAL
SENSOR



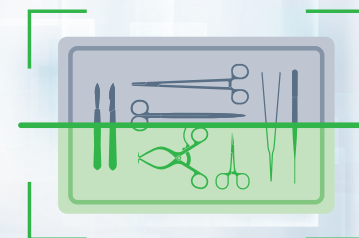
PLUG
& PLAY



POSITIONING
HELP SYSTEM



MISSING
INSTRUMENT



“Testimonial

“Ancitrak sounds to be a very interesting and useful tool to implement in our daily sterilization practice. Notably, by improving surgical instruments traceability, innovative technologies are needed to really enhance patient's safety.”

Christine Denis,
President of WFHSS,
STERINORD, France

HOW DOES IT WORK?

(1)

Learning process

The learning process takes place in the operating room or the sterilization department, depending on who receives the surgical sets from the vendors.



Analysis and creation of the instruments fingerprint



Automatic nomenclature edition for trays and instruments



Automatic recording of a booklet that includes: Pictures, references, ID, comments...

Plateau N°3 - Référence : plateau supérieur

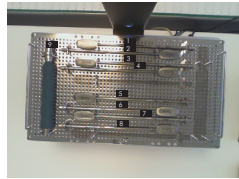


Image	Référence	Nom
	03.809.229	implant essai hauteur 9 mm 0°
	3.809.231	implant essai hauteur 11 mm 0°
	03.809.233	implant essai hauteur 13 mm 0°
	03.809.235	implant essai hauteur 15 mm 0°



Shareable database of consignment and loan sets between hospitals and vendors



CONTRADICTORY INVENTORY

Set inspection after receiving and before sending back the sets to the vendors

(2)

AnciTrak® reassembly process



Instrument recognition showing reference and picture



Identification of instruments location



Automatic generation of a report showing the potential missing instruments or any other irregularities.





PRODUCTIVITY SAVINGS

80%
in database creation

22%
in reassembly*

* Case study available on www.athmedical.com



ATHMEDICAL
TRACEABILITY OF SURGICAL DEVICES

OUR BRANDS

(w) WhiteReader®
by ATH MEDICAL

Smart data matrix reader
for surgical instruments

(z) ZenBloc®
by ATH MEDICAL

Sterile supply management
& traceability software

(A) AnciTrak®
by ATH MEDICAL

Loan sets traceability workstation

(A) AnciTrak[®]

by ATH MEDICAL

Ancitrak[®] is a brand of



ATH MEDICAL

350 rue Arthur Brunet
59220 Denain - France
Phone: +33 (0)3 27 34 30 73
info@athmedical.com

www.athmedical.com



(A) AnciTrak[®]
by ATH MEDICAL

(w) WhiteReader[®]
by ATH MEDICAL

(s) StarterKit[®]
by ATH MEDICAL

(z) ZenBloc[®]
by ATH MEDICAL

ANCITRACK[®], WHITEREADER[®], STARTERKIT[®], ZENBLOC[®] are all brands of ATH MEDICAL.