

VUESURG

What is VueSurg?

VueSurg is VUEMED's new application for managing, tracking and documenting in real time all surgical instruments from sterile processing to use in a patient procedure. As part of VUEMED's ecosystem of solutions built on the VueTrack technology platform, it functions seamlessly with our other SaaS and Cloud-based applications. VueSurg is a UHF RFID-based technology that works with RFID tags to uniquely identify each individual surgical instrument as well as its flow, location, chain of custody, patient utilization, and sterile processing status.

How does VueSurg work?

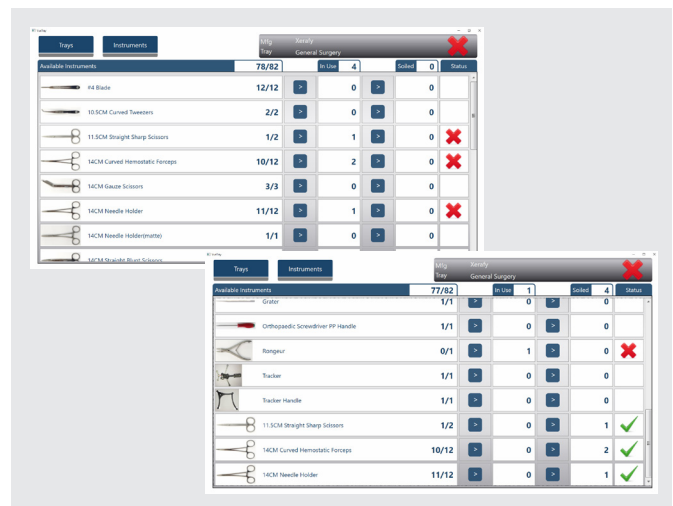
At the point of care, each surgical instrument used is identified by VueSurg and recorded as part of the procedure, as well as monitored to make sure that it is returned to a soiled instrument bin. This ensures a perfect count of instruments both pre- and post-op for patient safety. Everything is handled by RFID antennas in combination with an easy-to-use touchscreen interface that shows each instrument and its tray of origin, what is in-use, what is soiled, and any discrepancies.

What are the benefits of VueSurg?

1. VueSurg enables surgery departments to achieve a higher degree of patient safety by ensuring that no instrument is left behind or "missing." Instruments are UHF RFID-tracked, thereby eliminating the protocol of counting instruments multiple times throughout a procedure and removing the

possibility of human error. This provides peace of mind to physicians and staff knowing that all surgical instruments are accounted for.

2. VueSurg helps promote higher standards of contamination prevention and is invaluable in case of a recall because it provides detailed information about each individual instrument – collected continuously throughout the instrument's life cycle – from instrument tray composition, to sterilization, to storage, to use in a patient procedure. VueSurg documents an on-going history of every location and utilization of each instrument and a continuous chain of custody, thereby bringing the IoT (Internet of Things) to surgical instruments.
3. Through its partners, VUEMED coordinates the safe retrofitting of hospitals' existing instruments to be UHF RFID-enabled and/or provides an array of options for the purchase of new instruments that have a non-visible RFID chip already embedded in them.



The screenshot displays two windows of the VueSurg software interface. The top window shows a table of instrument counts for 'General Surgery' with columns for 'Available Instruments', 'In Use', and 'Soiled'. The bottom window shows a similar table for 'General Surgery' with columns for 'Available Instruments', 'In Use', 'Soiled', and 'Status'.

Instrument	Available Instruments	In Use	Soiled	Status
#4 Blade	12/12	0	0	
10 SCM Curved Tweezers	2/2	0	0	
11 SCM Straight Sharp Scissors	1/2	1	0	✗
14CM Curved Hemostatic Forceps	10/12	2	0	✗
14CM Glue Scissors	3/3	0	0	
14CM Needle Holder	11/12	1	0	✗
14CM Needle Holder (matte)	1/1	0	0	
14CM Straight Sharp Scissors				

Instrument	Available Instruments	In Use	Soiled	Status
Graber	1/1	0	0	
Orthopedic Screwdriver PP Handle	1/1	0	0	
Regraver	0/1	1	0	✗
Tracker	1/1	0	0	
Tracker Handle	1/1	0	0	
11 SCM Straight Sharp Scissors	1/2	0	1	✓
14CM Curved Hemostatic Forceps	10/12	0	2	✓
14CM Needle Holder	11/12	0	1	✓