



**MILESTONE**  
H E L P I N G  
P A T I E N T S



# FULL DIGITAL DOCUMENTATION FOR AUTOPSY PROCEDURES



**MacroVIEW**  
Mobile Macro Digital  
Imaging System

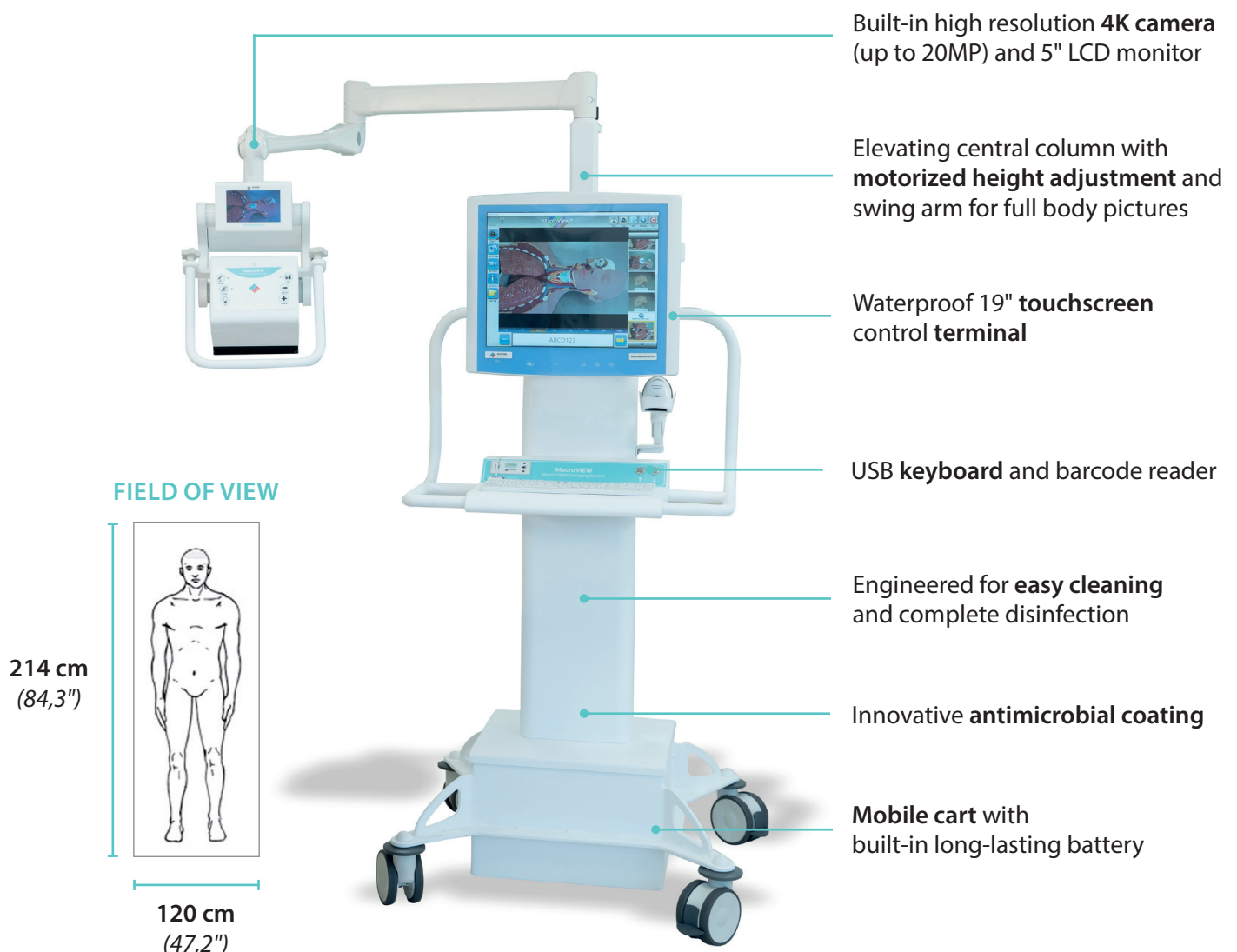
# THE NEW ERA IN AUTOPSY AND NECROSCOPY

## | CONVENTIONAL AUTOPSY PROCEDURES

In order to properly document the autopsy procedures, operators will take pictures, videos, write notes or record tape descriptions, all whilst being in the harsh environment of the autopsy room. Afterwards, the documentation needs to be transcribed or to be manually reworked, with the high risk of losing files, mismatching images or cases ID.

## | MACROVIEW: THE GAME CHANGER

MacroVIEW is a macro digital imaging system engineered for efficient and complete documentation of the post-mortem examination, with maximum ease of use and safety. It dramatically improves the standardization and documentation of autopsy procedures by integrating all the necessary tools within a single platform for capturing images and recording audios and videos of whole bodies, body parts or large organs.



## I DIGITALIZE AUTOPSY PROCEDURES

Forensic documentation is often performed with the use of commercial cameras or even smartphones, requiring users to manually transfer, select and re-process the recorded digital material. With MacroVIEW all these cumbersome steps are completely removed. Through the high-resolution camera and the user-friendly control terminal, the operator captures and stores images, records audios and videos to support case descriptions. MacroVIEW also eliminates the transcription of audio tapes by integrating these tools into a single platform. The workflow of the entire procedure is more efficient, enabling the medical examiner to save time and improve diagnostic results.

## I DIGITAL EVIDENCE FOR FORENSIC INVESTIGATIONS

Forensic institutes demand digital evidence for case filing. MacroVIEW matches images and videos with the case ID number, allowing full digital documentation for QC and QA and providing digital evidence for forensic and legal investigations.



Record Audios



Record Videos



LED lights



Save images



Zoom OUT



Zoom IN





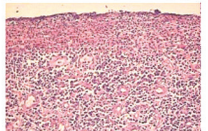
## | REMOTE VIEWING AND EDITING

With MacroVIEW edits to images are made directly during the autopsy or afterwards, as documents can be shared through the network (LAN) or integrated into the LIS. The pathologist, from the convenience of his office, can view and edit images, measure the sizes and surfaces, add texts and sections or freehand drawings.



## | IMAGE-ENHANCED REPORTS

Today, Image-Enhanced Reporting (IER) is common for most autopsy procedures. MacroVIEW incorporates all the tools required for a comprehensive IER. The relevant documentation is automatically stored and linked to the case ID number, thus expediting the reporting.

	ABC	Date
	Reported Date	Time
HISTOPATHOLOGY LAB	Clinical Data	
	Segment of large colon	
<b>DIAGNOSTIC REPORT</b>		
<b>CLINICAL NOTES:</b> Esophageal neoplasia resected after radiation and antineoplastic therapy.		
<b>MACROSCOPIC DESCRIPTION:</b> Segment of fresh esophagus with attached segment of stomach, measurements and Block Key as indicated in Fig. 1, 2 and 3.		
<b>GROSS IMAGING</b>		
		
<b>MICROSCOPIC APPEARANCE</b> Segment of esophagus with a large area of mucosal ulceration. The base of the ulcer is made up of granulation tissue with intense lympho-plasmocytic infiltration and scattered foreign body giant cells. Gastric mucosa shows moderate inflammatory infiltration in the lamina propria. No signs of residual tumor are present, neither in the esophageal wall nor in the rare perivisceral lymph nodes		

## | TEACHING & EDUCATION

Post-mortem examination images and videos are useful educational resources for medical students, residents, and other professionals involved in the process. The high-definition digital material is immediately available for presentations, conferences, publications and online teaching or live streaming.





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**DIGITALIZE AUTOPSY PROCEDURES**

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**PROVIDING LEGAL EVIDENCE FOR FORENSIC INVESTIGATIONS**

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**ENABLING REMOTE VIEWING AND EDITING**

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**REDUCING TIME AND COSTS**

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**IMAGE-ENHANCED REPORTS**

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**IDEAL FOR TEACHING & EDUCATION PURPOSES**

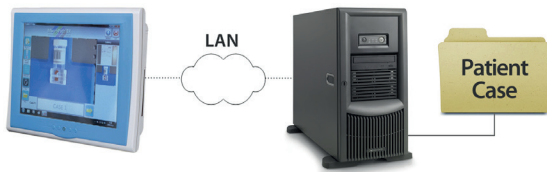
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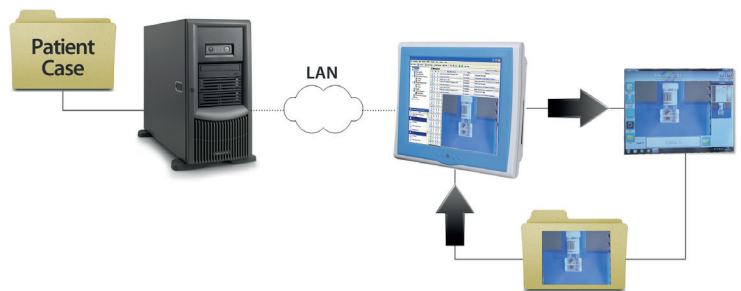
## INTERFACE WITH LIS

In addition to stand-alone operation and LAN integration, MacroVIEW can interface with a PACS or LIS through a coded solution or TWAIN mode.

*Saved in a network location*

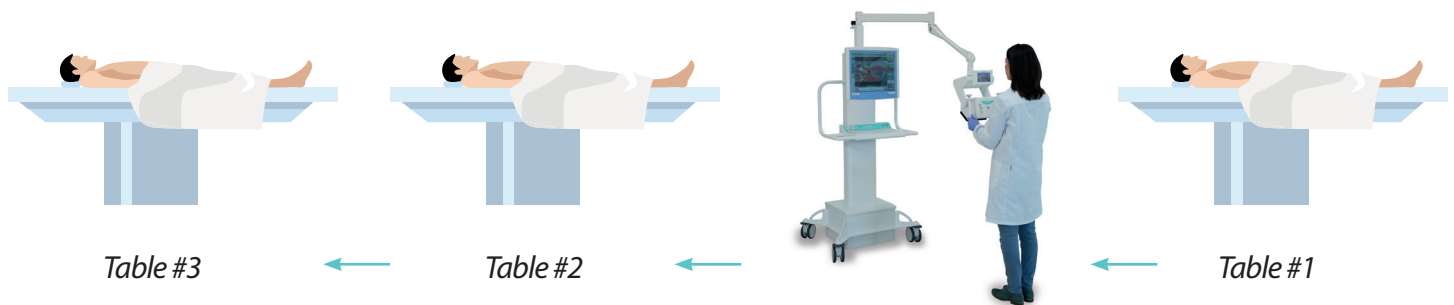


*Interfacing with LIS*



## ENHANCED FLEXIBILITY

Thanks to the mobile cart with long-lasting battery, MacroVIEW allows for improved flexibility, as operators can easily move to different tables and rooms, expediting the autopsy procedure.



## MILESTONE HELPING PATIENTS

Milestone is a company headquartered in Northern Italy and was founded in 1988 as a corporation specializing in advanced microwave instrumentation for analytical and organic chemistry labs. As the technology leader in pre-analytical instrumentation, Milestone supports a worldwide installed base of over 25.000 systems. In 1994, Milestone established a separate Medical Division to expand our expertise in the crucial pre-analytical phase to the world of histopathology. We pioneered the first microwave rapid tissue processor for same day diagnosis and the first macro-digital system to enhance the grossing step. Today, our rapid tissue processors, macro-digital imaging systems, and pre-analytical instrumentation are used every day in the most renowned clinical and research laboratories around the world. But we never stop. We continue to lead the industry with constant innovation and improvement. Driven by the leading principle we live by, Helping patients.

### MILESTONE



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TO DISCOVER MORE