



UNCOVER FORENSIC RADIOLOGY

Full-body, high-speed digital radiology solution
for forensic pathology centres.

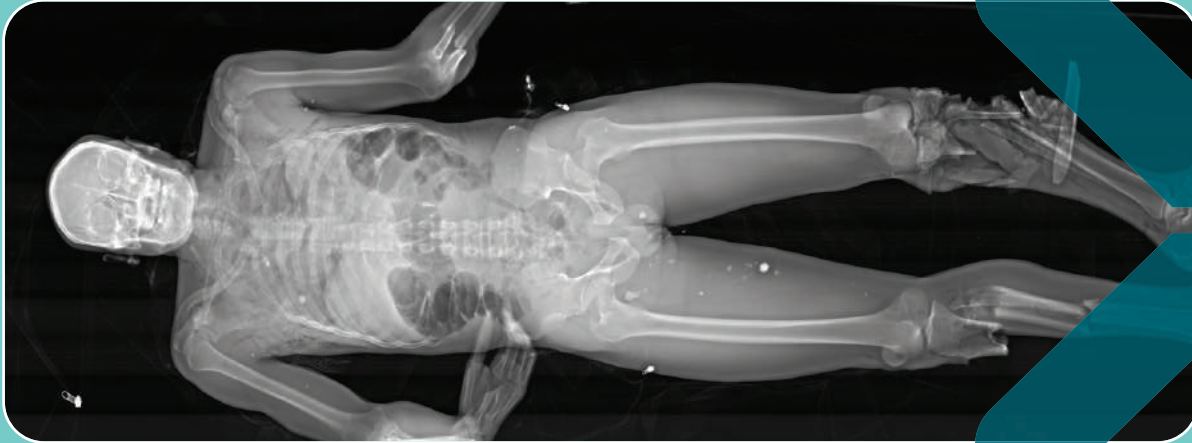
The Lodox assists the forensic pathologist in autopsy examinations by reducing the time taken to examine a body.¹ Rapid localisation of foreign bodies (such as bullets) in multiple views can be beneficial in criminal examinations.² Fast, high quality imaging may be especially useful in the case of religious groups that require expedited burial^{1,2} or with mass fatality situations. The full-body, low-radiation format makes Lodox imaging safer and easier for staff^{1,4} and could improve the workflow in busy forensic pathology laboratories.² Lodox has proven to be invaluable in Forensic Medicine.¹

FORENSIC APPLICATIONS:

- Skeletal and poly-trauma
- Ballistic injuries and projectiles
- Hazardous objects
- Victim identification
- Prostheses
- Presence and positioning of medical devices
- Natural pathology
- Sudden unexpected death of an infant
- Child abuse
- Burnt and decomposed bodies
- Air embolism
- Diseases such as tuberculosis
- Medico-legal death investigations

FULL BODY

The eXero-dr full-body images present a comprehensive clinical picture, reducing guesswork, offering peace of mind, and better guidance in cause-of-death determination. The full-body image replaces a number of smaller views, making it easier to locate and identify injuries, foreign bodies and identifying features. A pathologist's clinical judgement and forensic acumen is supplemented by the full-body image, making the eXero-dr system an invaluable resource.



HIGH SPEED

Throughput in a facility is increased by reducing the time required for a full body examination.¹² Use of the Lodox reduces the total time required for full body coverage by approximately 87% (translating to 7 Lodox full body examinations vs. 1 on conventional radiography).³ Facility workflow is further improved by targeting or, in certain cases, obviating the need for an autopsy. This makes the eXero-dr especially useful in mass casualty situations.

EASE OF USE

Dramatically reduced X-ray scatter makes Lodox technology safer for operation and surrounding pathology staff.¹⁴ Straightforward operation makes Lodox easy for staff to use,¹ with minimal specialized training or effort required. Flexible scan size and automated rotation of the scanning arm means less onerous manipulation of bodies for staff.

REFERENCES

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MKT-19-0045-B

