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

**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

UNCOVER FORENSIC RADIOLOGY

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

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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.

Throughput in a facility is increased by reducing the time required for a full body examination. 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). 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.

Dramatically reduced X-ray scatter makes Lodox technology safer for operation and surrounding pathology staff. Straightforward operation makes Lodox easy for staff to use, 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