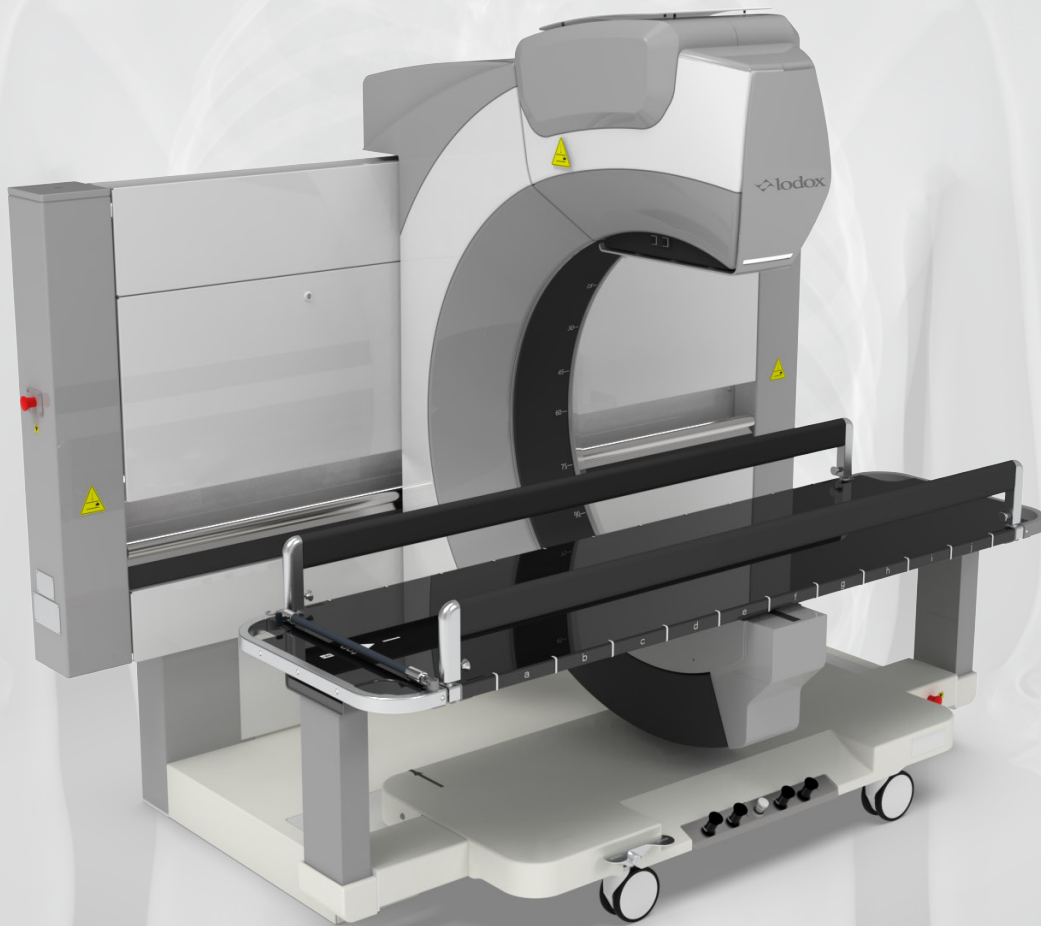


Introducing the Next Generation of

PHOTON COUNTING DETECTOR DIGITAL RADIOGRAPHY

with 18% increase in scannable area
Now Integrated Across all **Lodox Systems**



Enhanced Imaging
Precision with certainty



Optimised Low Dose
Efficiency by design

13 Seconds. **One Full Body.**

Total Clarity.

Trauma Full-Body Imaging Solution

Xmplar-dr by Lodox Systems



✓ High Image Quality

Trauma Value:

- ▶ Lodox Xmplar-dr provides high-speed, high-quality, low-radiation full-body imaging in a single scan, combined with three-dimensional reconstruction and zooming functionality.
- ▶ Source: Full-body low-radiation radiography using Lodox Xmplar-dr.

✓ 13 Seconds High Speed

Trauma Value:

- ▶ Lodox-Xmplar-dr is a whole-body, skeletal, and soft-tissue, low-dose X-ray scanner. Anterior-posterior and lateral thoraco-abdominal studies are obtained in 3-5 minutes with only about one-third of the radiation required for conventional radiography.
- ▶ Source: Personal experience with whole-body, low-dosage, digital X-ray scanning (Lodox-Xmplar-dr) in trauma

✓ Low Radiation

Trauma Value:

- ▶ Lodox Xmplar-dr is superior to digital chest radiography in the diagnostic work-up of ingested foreign bodies because it makes it possible to enlarge the field of view to the entire body, has higher sensitivity and specificity, and reduces the radiation dose by 65%.
- ▶ Source: Emerg Med 2013 Jul;30(7):559-64. doi:10.1136/emergmed-2011-200911. Epub 2012 Jul 25. How reliable and safe is full-body low-dose radiography (Lodox Xmplar-dr) in detecting foreign bodies ingested by adults?

✓ Rapid Full-Body Imaging

Trauma Value:

- ▶ Lodox-Xmplar-dr is a full-body, skeletal, and soft-tissue, low-dose X-ray scanner. Anterior-posterior and lateral thoraco-abdominal studies are obtained in 3-5 minutes with only about one-third of the radiation required for conventional radiography.
- ▶ Source: Scand J Trauma Resus Emergency 2009 Sep 12:17:41. doi: 10.1186/1757-7241-17-41. Personal experience with whole-body, low-dosage, digital X-ray scanning (Lodox-Xmplar-dr) in trauma

✓ Ease of Use

Trauma Value:

- ▶ In contrast to conventional X-ray equipment, the Lodox system features a user-friendly interface and is particularly well-suited for use in countries where forensic radiographers are scarce. With adequate training, forensic pathologists can operate the scanner independently, requiring little to no assistance from licensed radiation personnel.
- ▶ Source: An overview of digital X-ray (Lodox Xmplar-dr) usage in a South African medico-legal mortuary



Trauma Applications:

- ✓ VP Shunts - Allows visualisation of VP Shunt pathway
- ✓ Urinary Stones - Stone detection with reduced radiation
- ✓ Gunshot - Rapidly locate bullet projectiles without Interrupting Resus
- ✓ Poly-Trauma - Rapid screening in multiple anatomical regions simultaneously
- ✓ Skeletal Survey - Proven ability with fast low dose radiation screening - for skeletal lesions, cancer and myeloma
- ✓ Foreign Body - Precision Imaging in locating Foreign objects in patients

13 Seconds. One Full Body. Total Clarity.

7 Dartfield Rd, Sandown, Sandton,
Johannesburg, South Africa

Tel: 011 444 9118

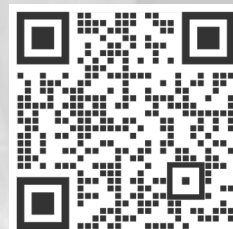
sales@lodox.com

Lodox NA LLC
143 Burton Street, Painesville, Ohio

Tel: +1 866 615 6369

infoNA@lodox.com

SCAN TO CONTACT US



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