

Xmplar-dr

miss nothing. faster.



A SHIFT IN DIGITAL RADIOLOGY

Full-body, high-speed digital radiology
with low radiation emission and scatter.

The Lodox plays a significant role in the initial management of trauma patients and is an important advance in the trauma imaging repertoire.¹ The remarkable detection rate for injuries, low radiation dose and speed at which the whole body can be evaluated are advantages in the primary survey of acute trauma patients.² Lodox provides time-saving, low dose investigation for emergency units with minimal interference in initial resuscitation.³

MEDICAL APPLICATIONS:

- Poly-trauma
- Gunshot wounds
- Foreign body ingestion
- Skeletal survey
- Urinary stones
- Mass disasters
- Ventriculoperitoneal shunts
- Paediatric imaging
- Bariatric imaging
- Trauma in military medicine

 **lodox**[®]
saving lives through innovative solutions

FULL BODY

Lodox provides a single (non-stitched), high-resolution radiographic image of the entire body. Lodox visualises skeletal, chest and pelvic pathologies 'all-in-one', and more accurately than conventional X-ray, in the primary trauma survey.³ Full-body imaging allows a better understanding of the patient's entire injury pattern.⁴



HIGH SPEED

A full-body trauma imaging study in two planes can be performed on the Lodox X-ray machine in 3-6 minutes.⁵ Rapid acquisition of radiographic detail is particularly important in ATLS resuscitation, where time predicts outcomes.¹

LOW RADIATION

Radiation emission and scatter are significantly lower than for conventional X-ray equipment. Together, these features improve safety for staff, significantly reduce radiation dose to patients, and allow uninterrupted resuscitation during imaging.⁶ Significantly lower radiation dose and high diagnostic image quality make Lodox a first-choice for paediatric poly-trauma.

IMAGE QUALITY

Lodox high-definition, high-contrast images have been found to be better than or equal to conventional X-ray images for the detection of thoracic, pulmonary, mediastinal, pelvic and peripheral injuries.⁴ The unique, focused fan-beam of the linear slot-scanning technology improves image quality by reducing patient scatter image degradation, especially in larger patients.

REFERENCES

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MKT-19-0044-B

