

Low Dose Fluoroscopy for Orthopedic Surgery

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Problem:

- Internal fixation of pelvic fractures requires many high-dose digital radiographs

Goals:

- Improve the quality of low-dose x-ray images to make usable during surgery

Significance:

- lowers health risk without impeding the surgeon's task (locating instrumentation in bone)

Results:

- Functional pipeline
- Noticeable improvement in image quality

