

05: Recreating Pelvic Trauma Surgery in Virtual Reality

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Goals:

- Create a safe and convenient training environment for X-ray guided pelvic fracture surgery

Significance:

- Clinician training without ionizing radiation exposure
- Data collection for developing tools to improve safety and quality of procedures

Results:

- A virtual reality surgical room with fully interactive C-arm imager and tools
- High-quality DeepDRR simulated X-ray images
- Multi-user collaborative training

