

Fluoroscopy is a medical imaging technique that uses continuous X-ray beams to produce real-time moving images of the interior of the body. It allows physicians to observe dynamic processes, such as the movement of contrast agents through blood vessels or the positioning of surgical instruments during procedures.

Key features: Real-time imaging (like a video, not a static image)

Uses X-rays and a fluorescent screen or detector

Commonly used in:

Catheter placement

Spinal procedures

Gastrointestinal studies

Orthopedic surgeries

Example: During a ventriculoperitoneal shunt placement, fluoroscopy can be used to guide the catheter accurately into the ventricle or peritoneal cavity.

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