

VASCULAR & INTERVENTIONAL RADIOLOGY

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INTERVENTIONAL RADIOLOGY

- **Interventional radiology** is a subspecialty of Radiology and means minimally invasive procedures are performed using **image guidance**. Some of these procedures are done for purely diagnostic purposes (e.g., [angiogram](#)), while others are done for treatment purposes (e.g., [angioplasty](#)).

What kind of things can be done?

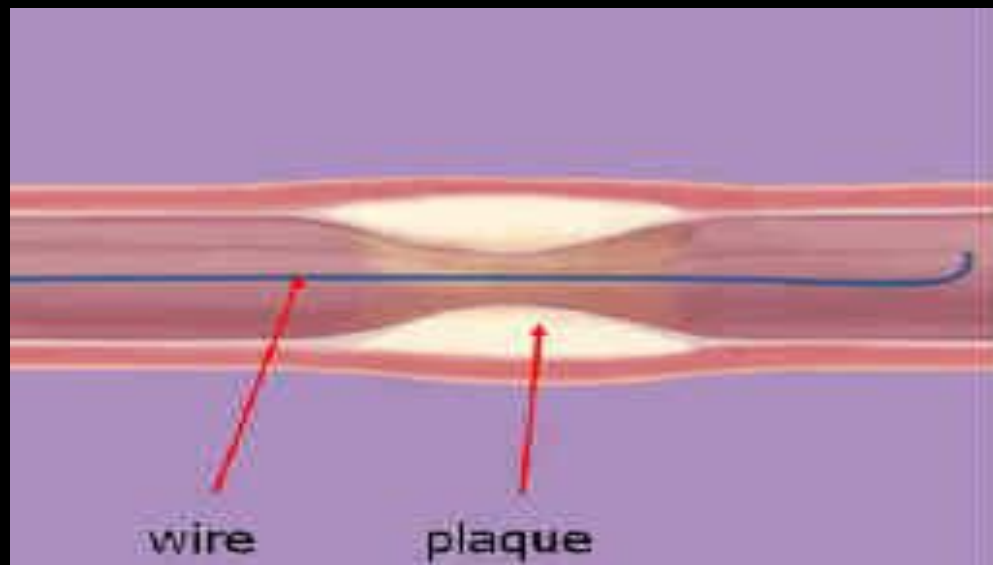
- **Treatment of vascular problems** (embolization or angioplasty, bleeding, AVM, thrombolysis..)
- **Biopsies**
- **Drainage of fluid collections** or abscess
- **Kidneys: Nephrostomy, PCNL, DJ, Renal artery stenting/embolization.**
- **Liver: PTC, TIPS, Chemoembolization**
- **Bowel: Bleeding embolizations, feeding tubes placement**
- **Neuro: AVM , bleeding, back pain management ...**
- **Uterine fibroid embolization, fallopian tube recanalization**

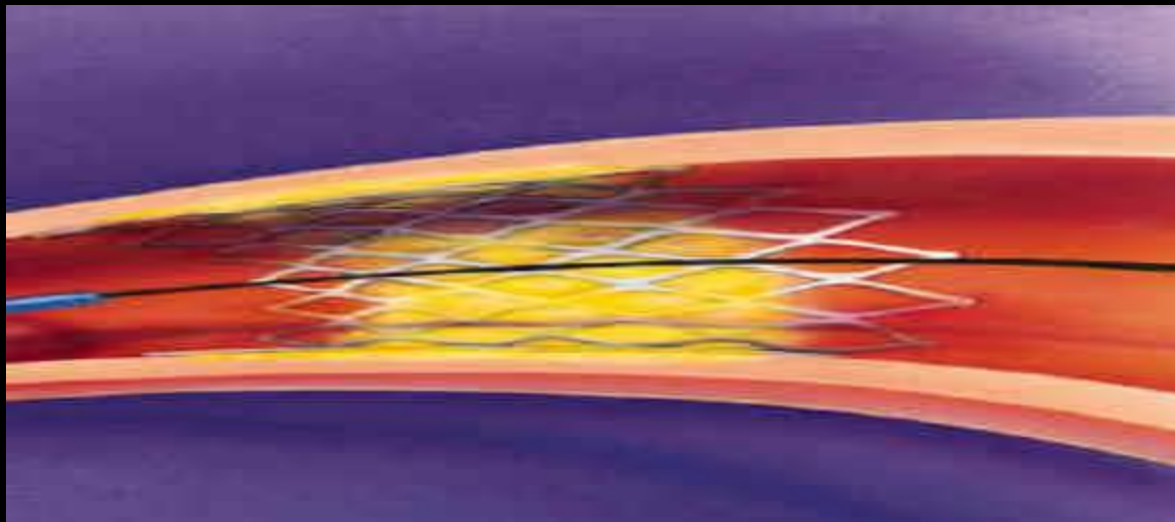
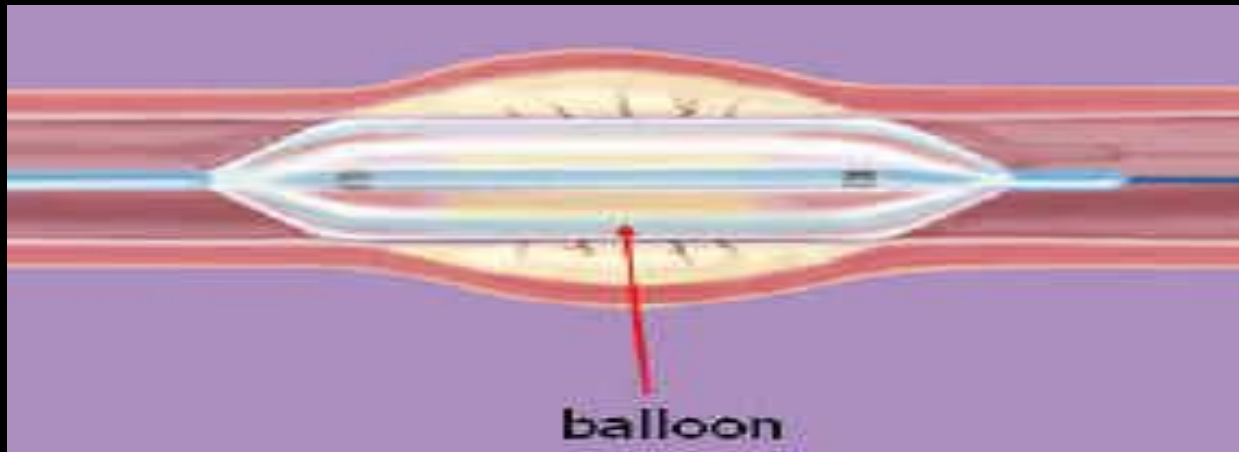
These procedures have many advantages:

- Faster recovery than surgery**
- Usually no hospital admission required (done as an outpatient)**
- Local anesthesia used instead of general anesthesia**
- Safe and effective**

Angioplasty

- **Angioplasty (dilatation of a blood vessel with a balloon)**
- **Narrowing of vessels occurs commonly as a result of atherosclerosis**







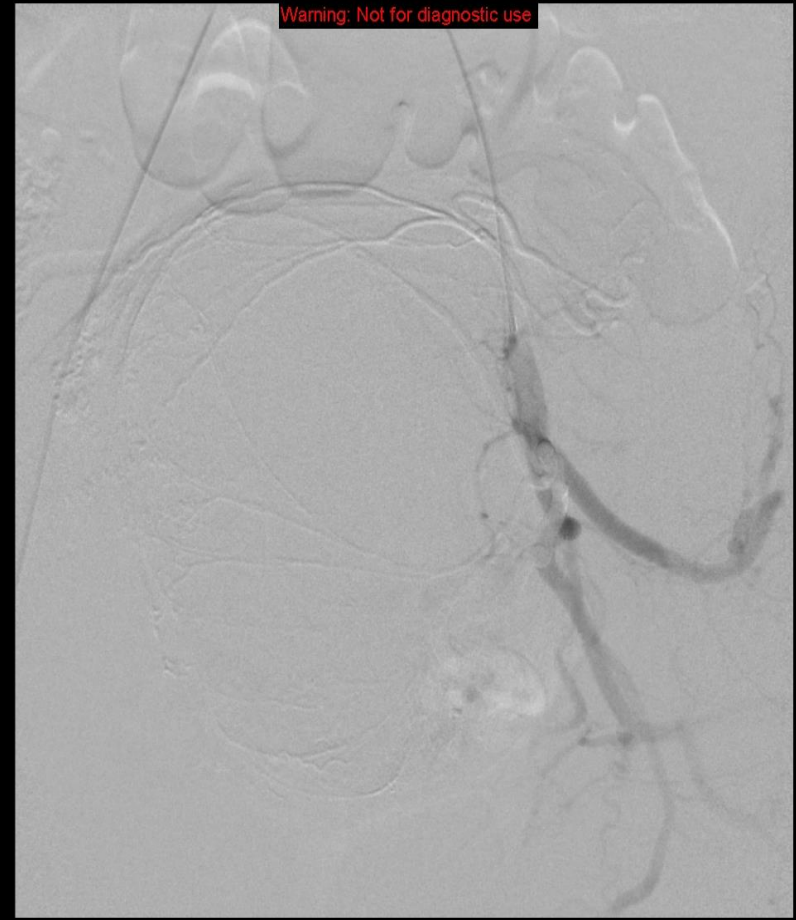




MRI PELVIS



FIBROID EMBOLIZATION











BILIARY DRAINAGE

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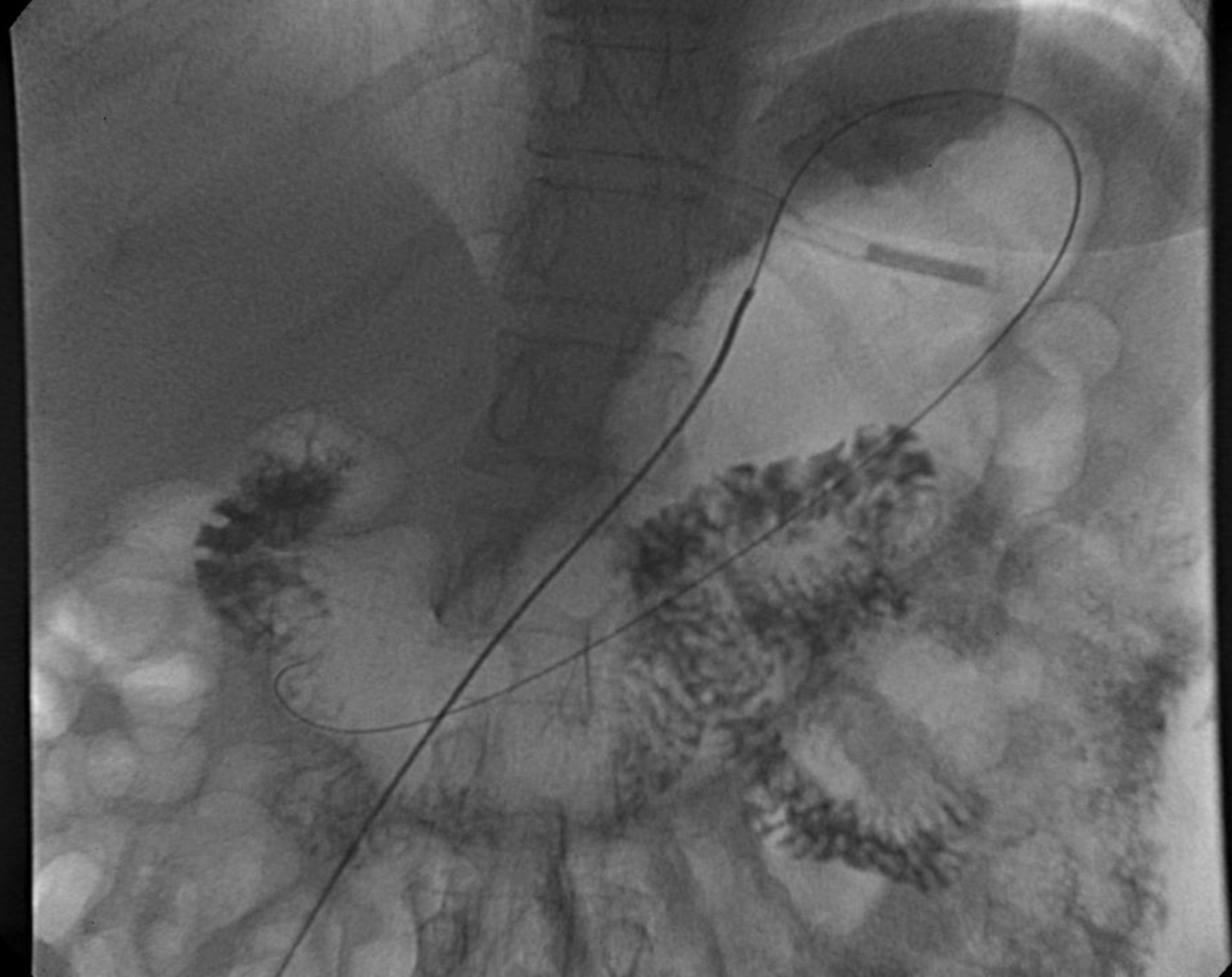


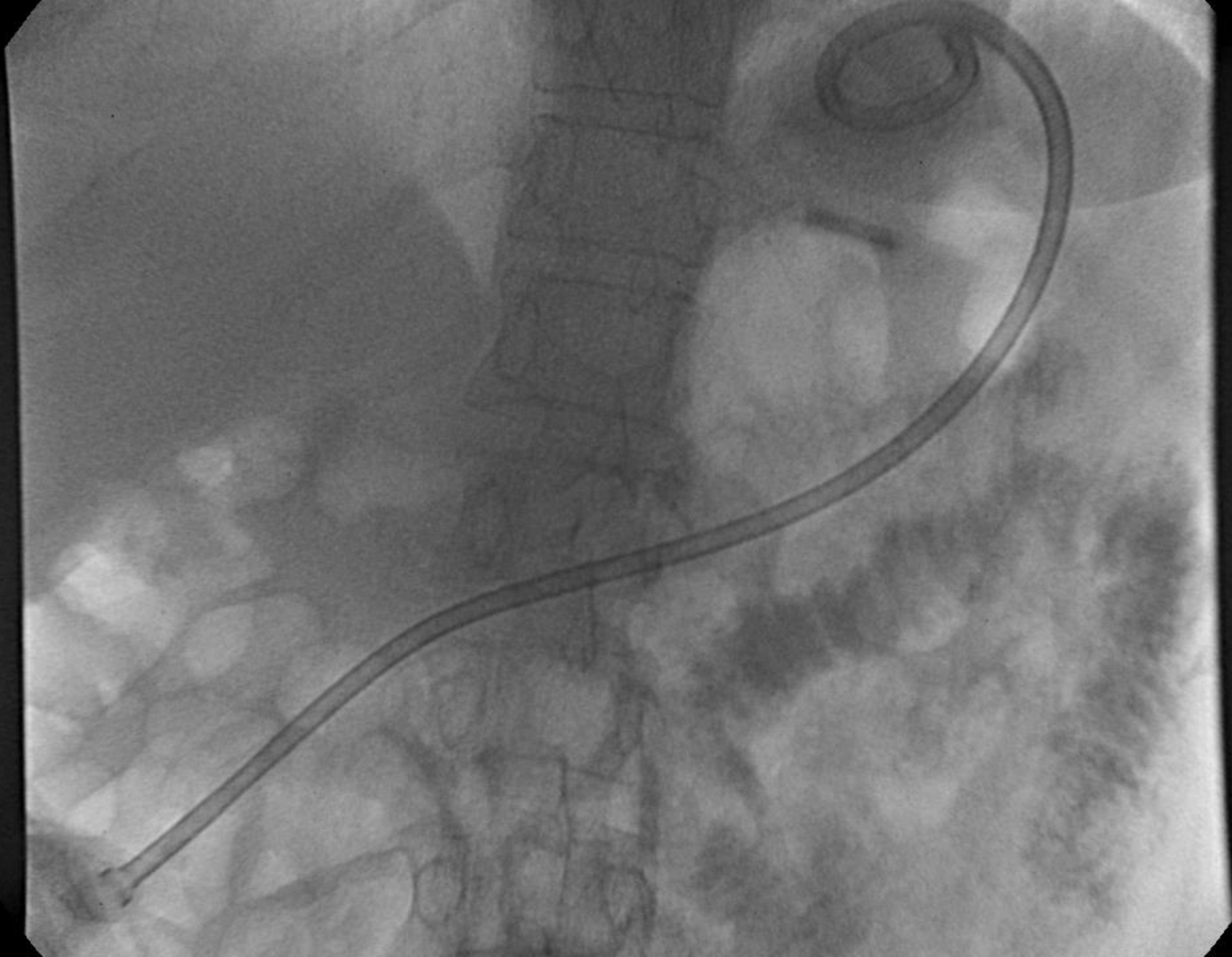
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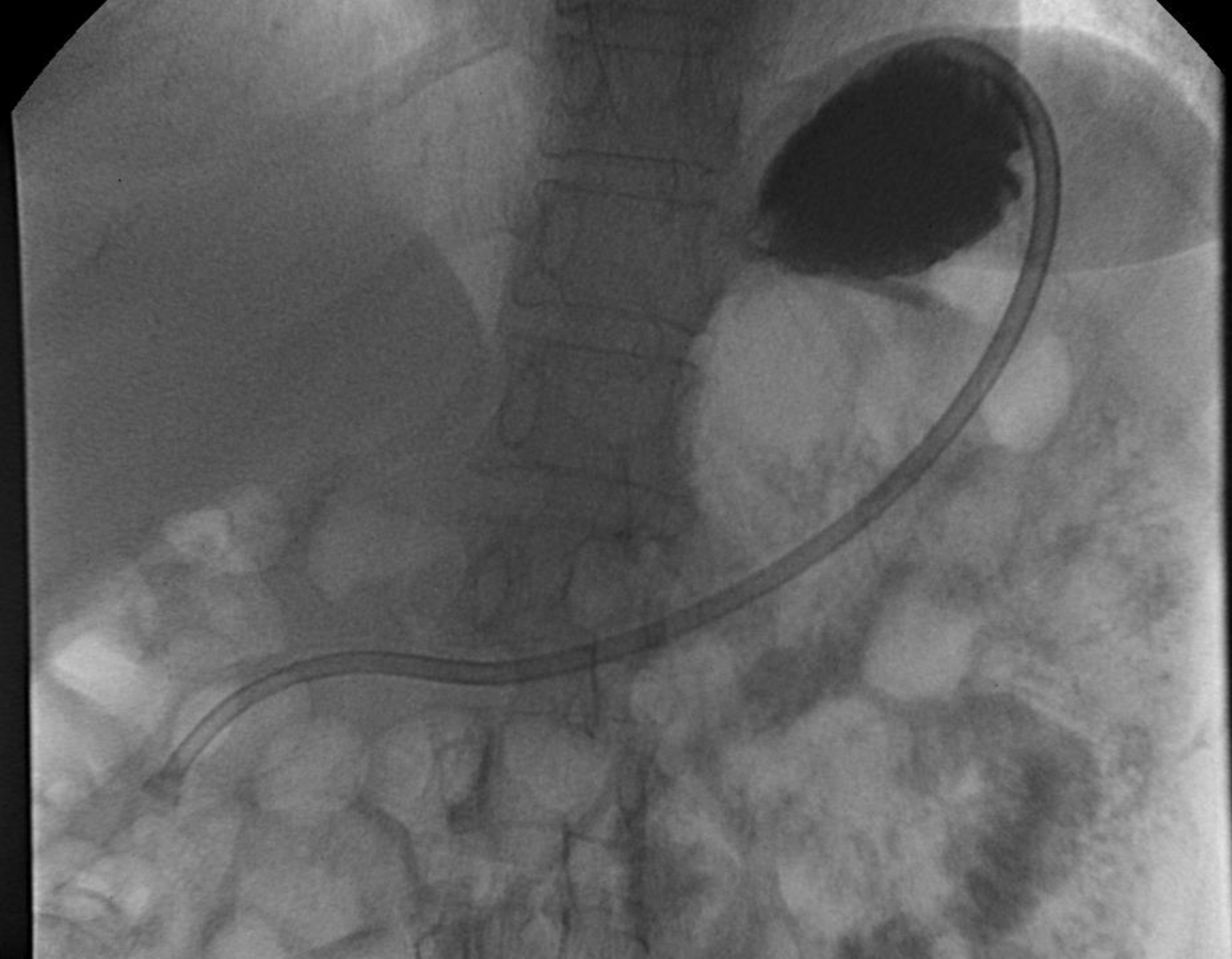


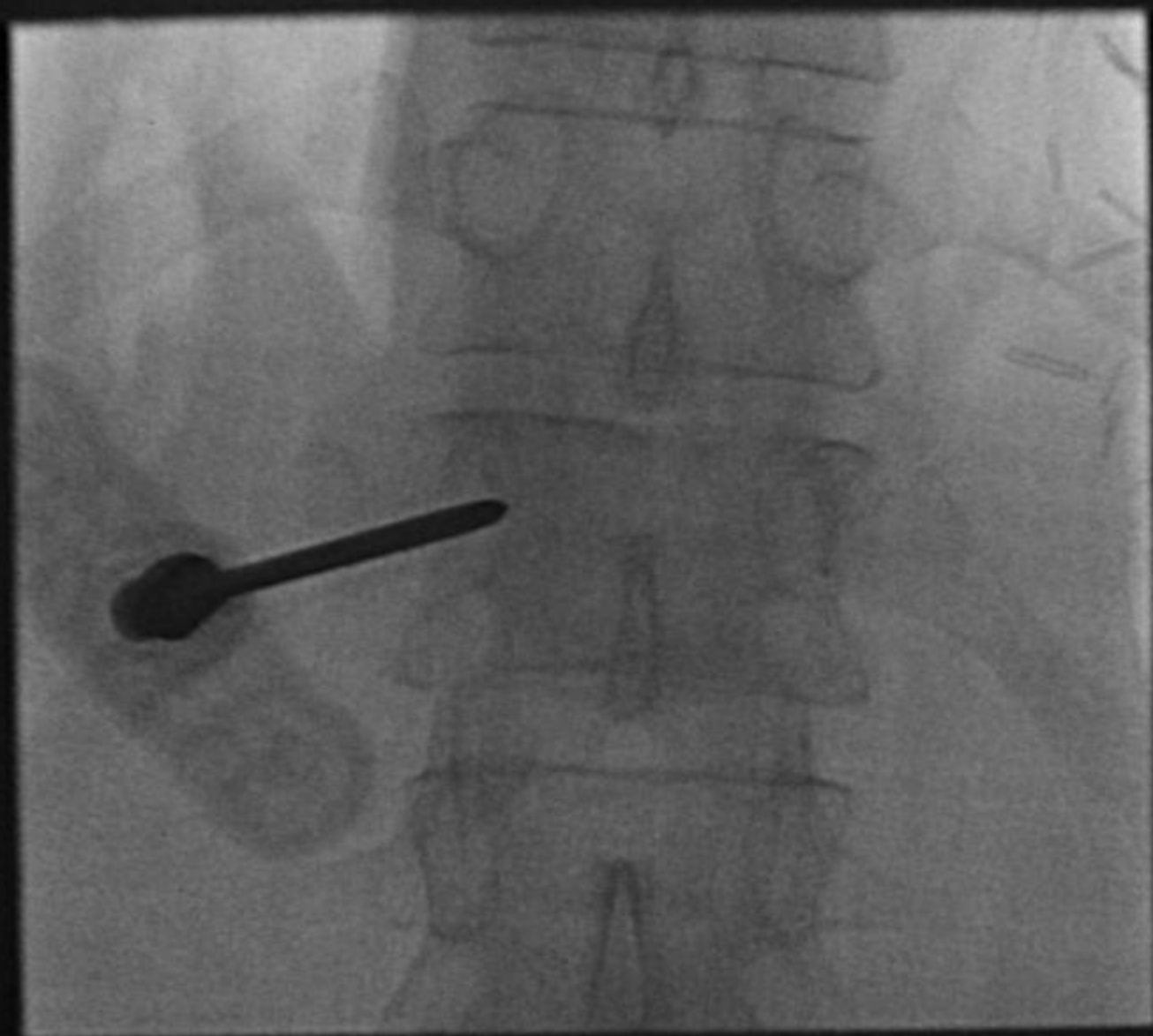


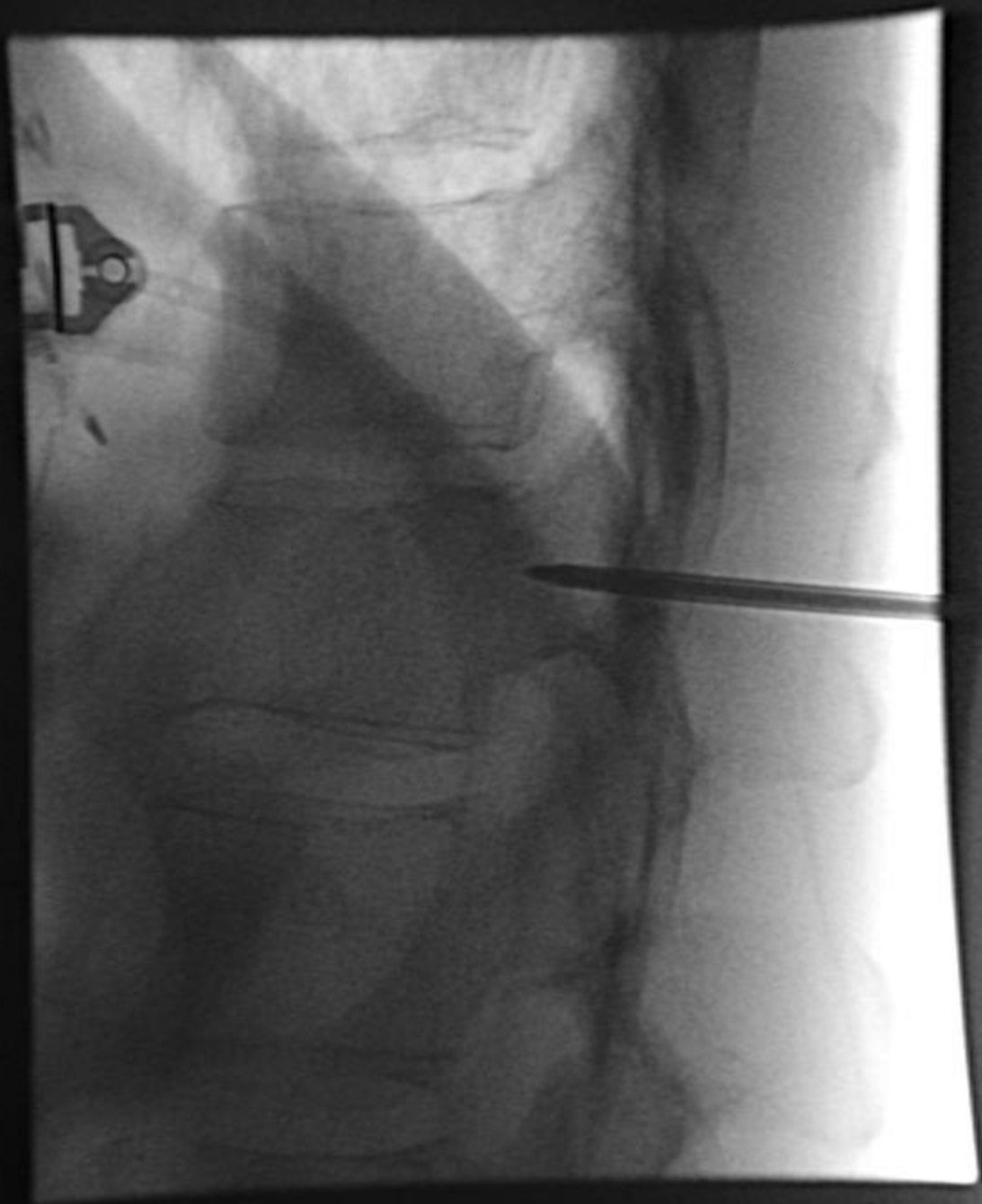


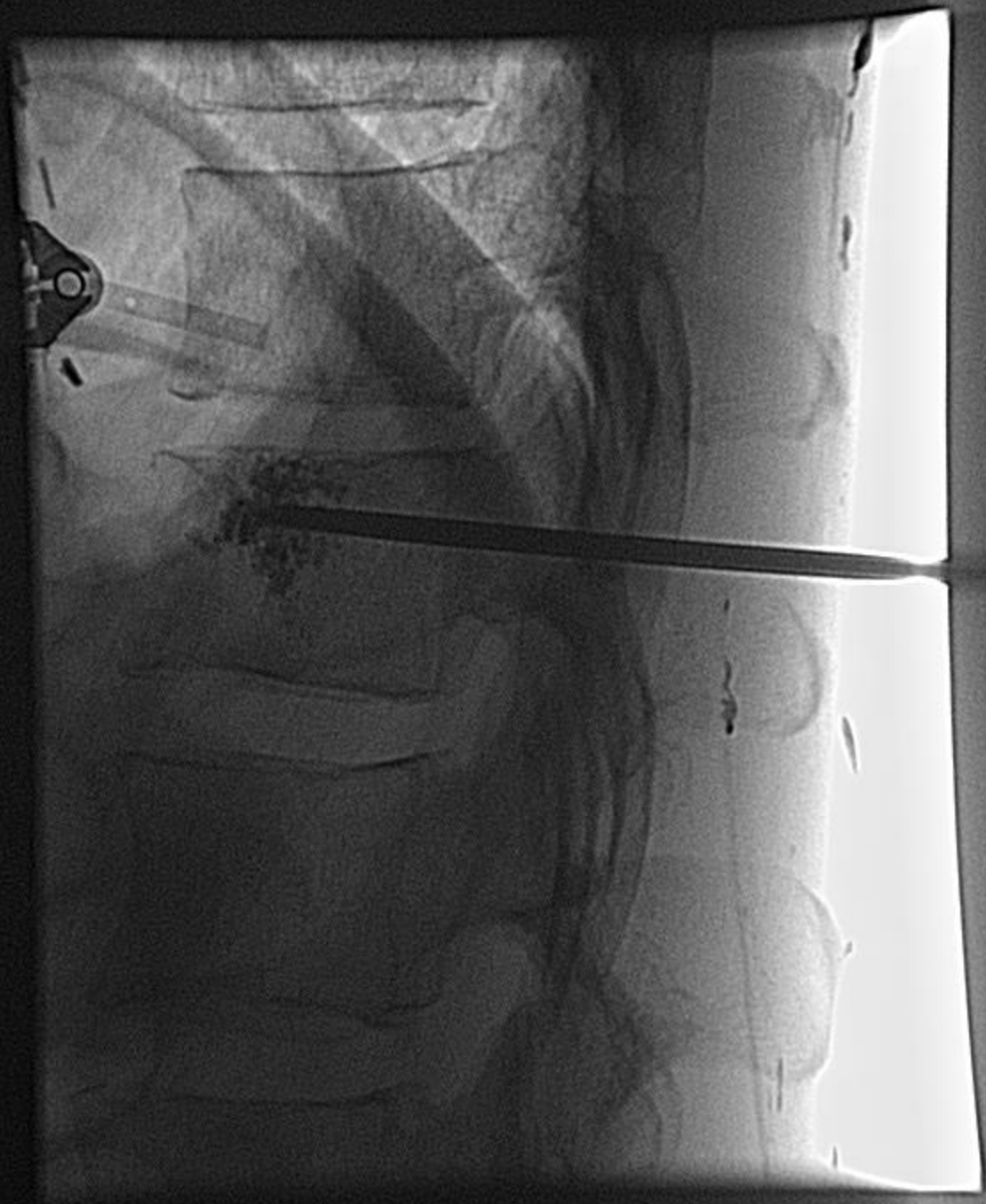


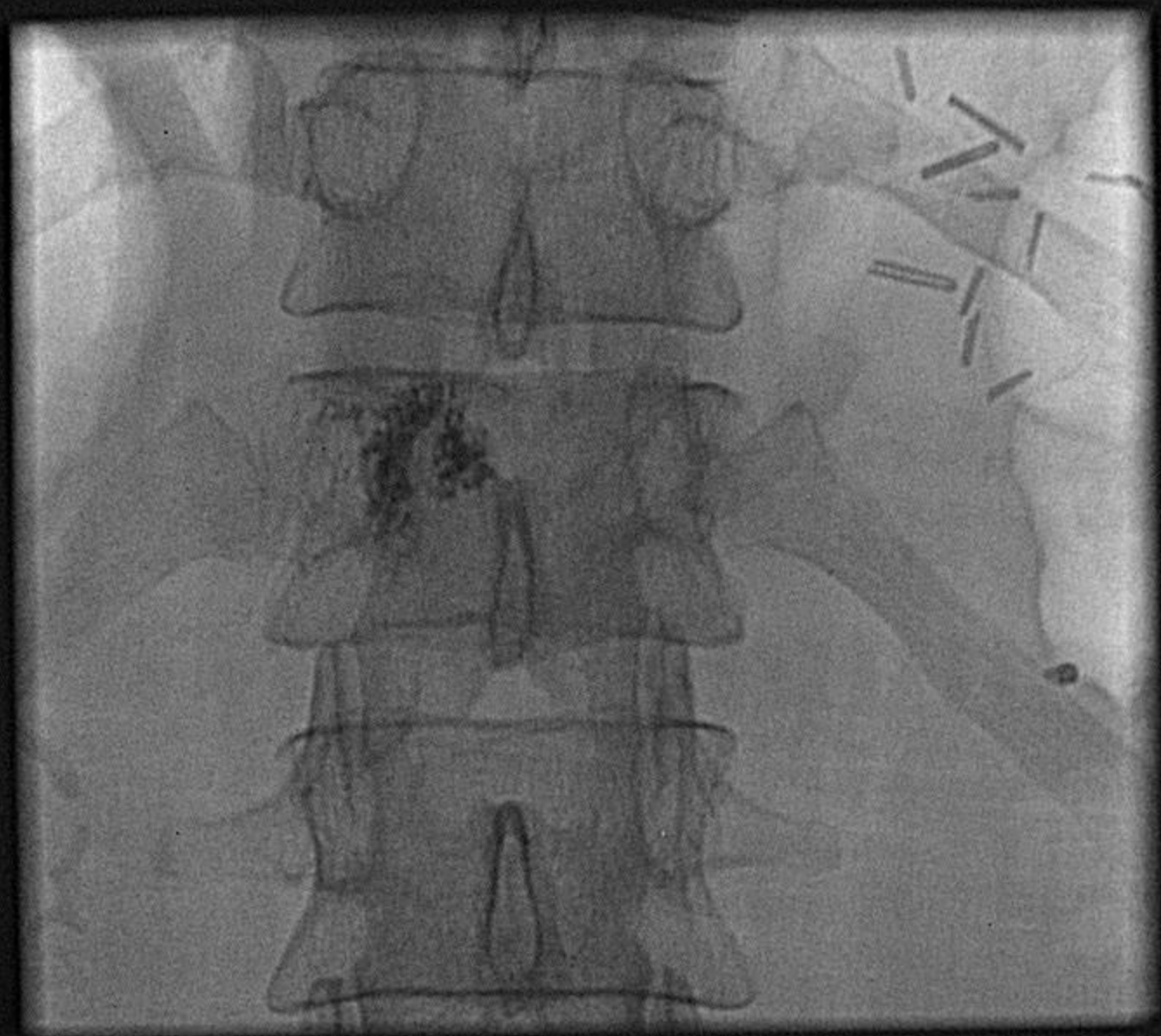




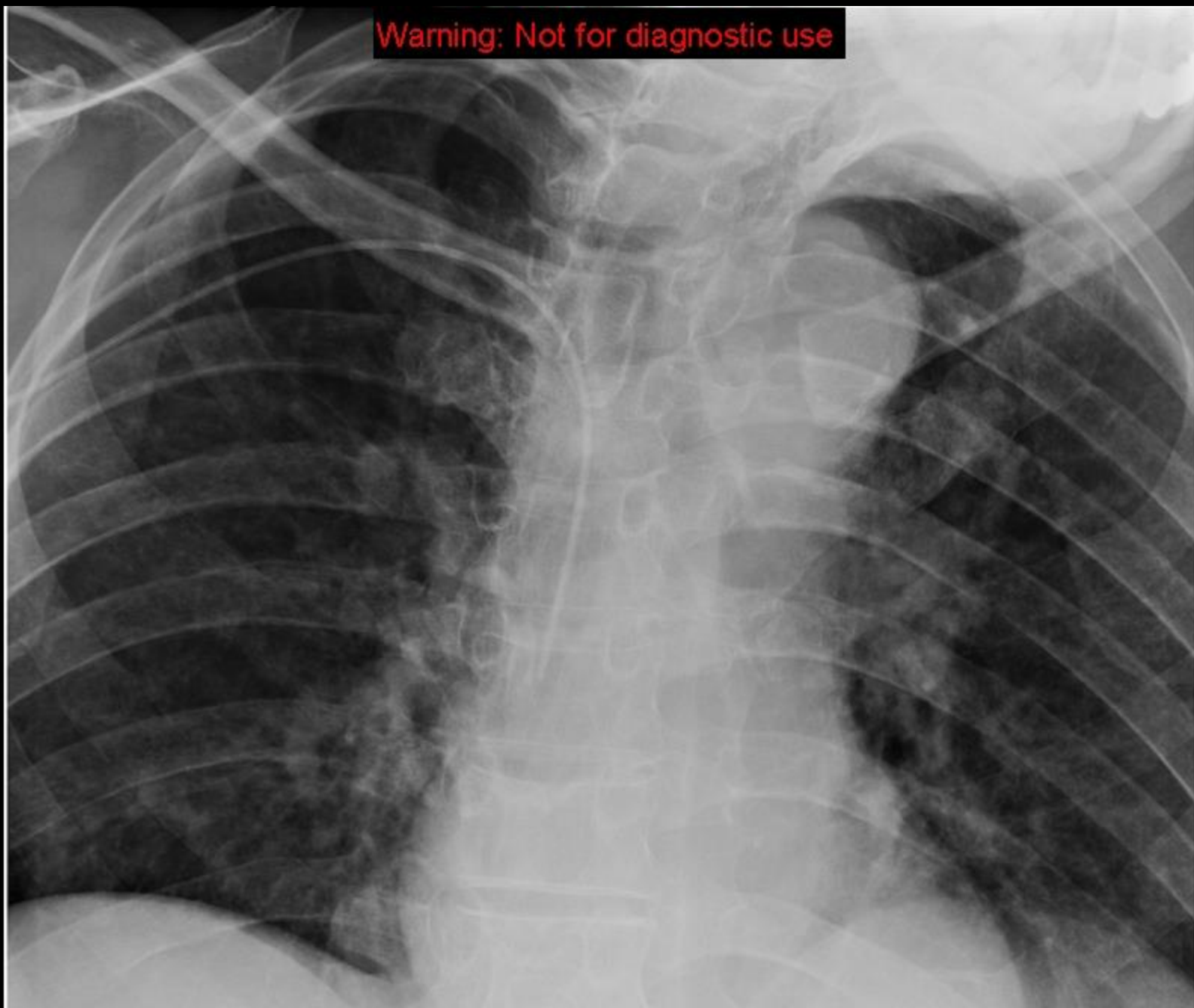








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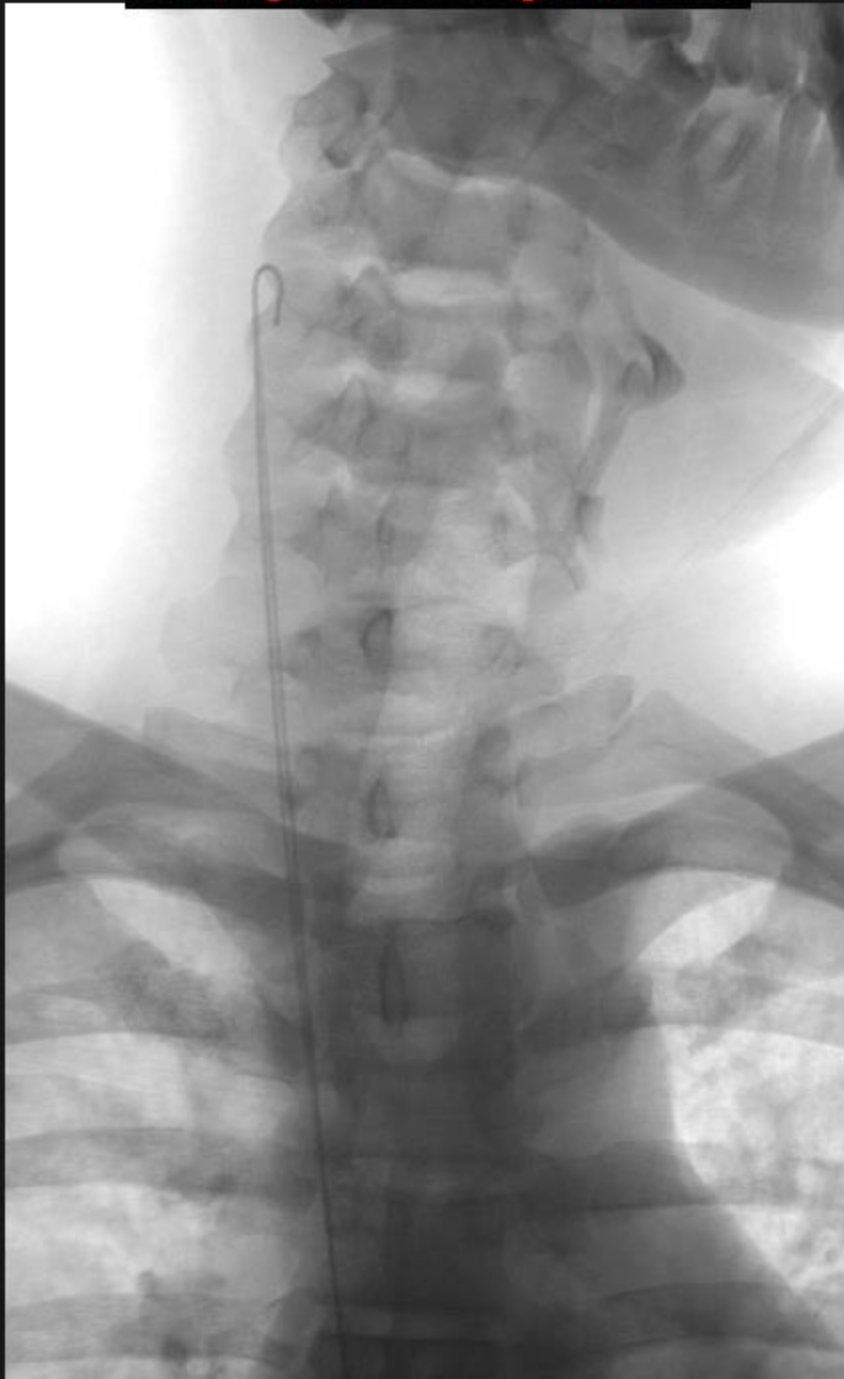
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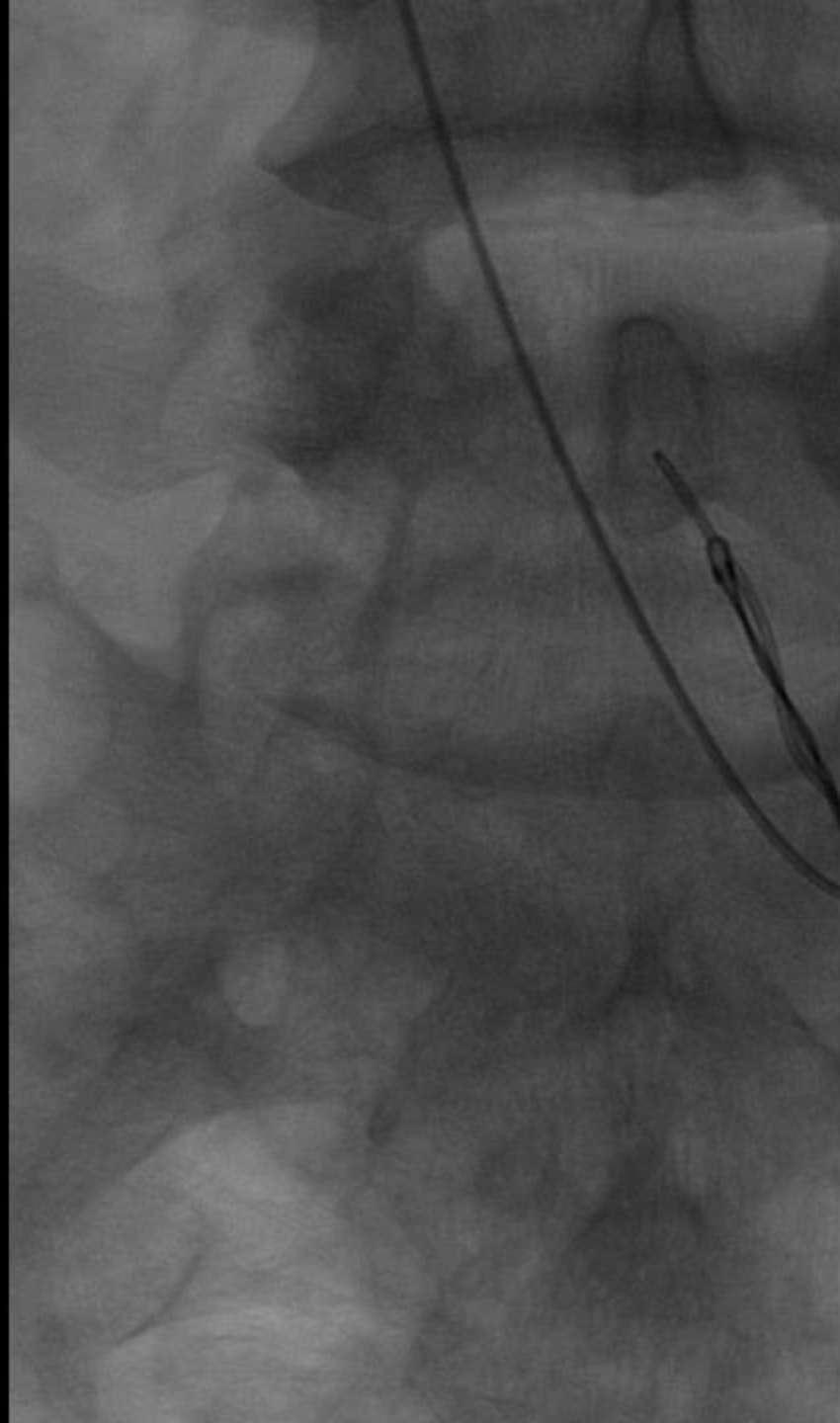
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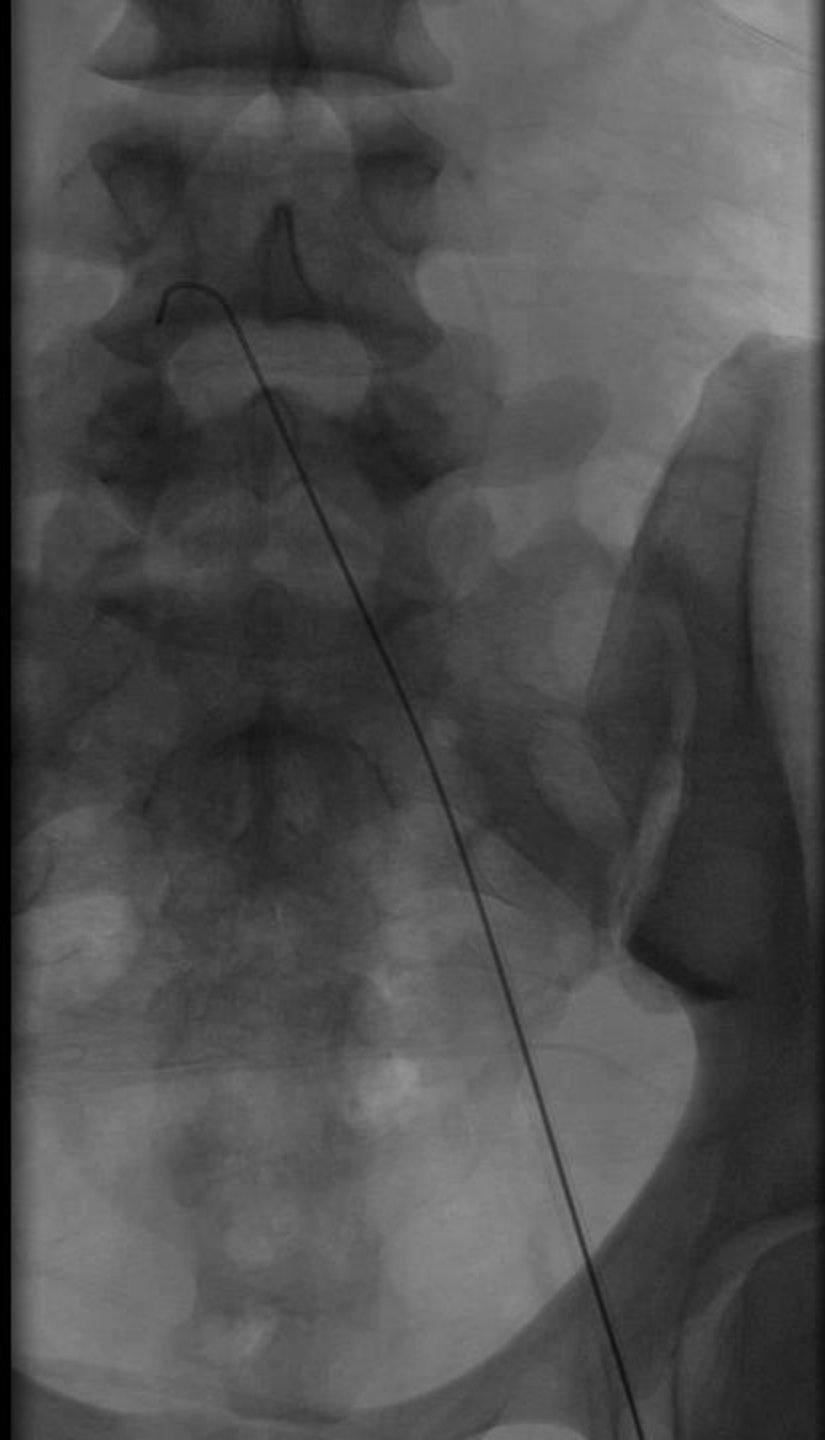


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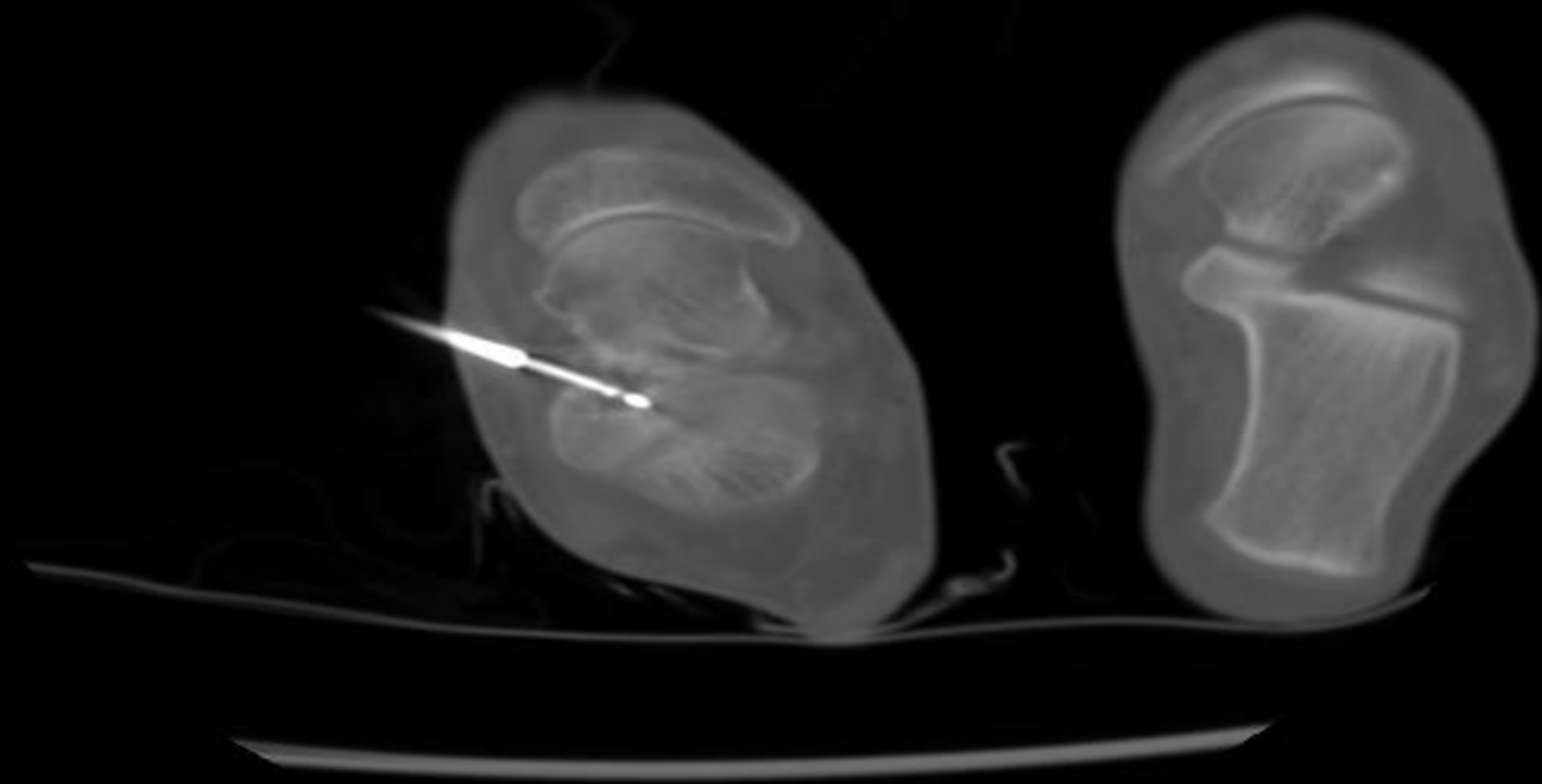




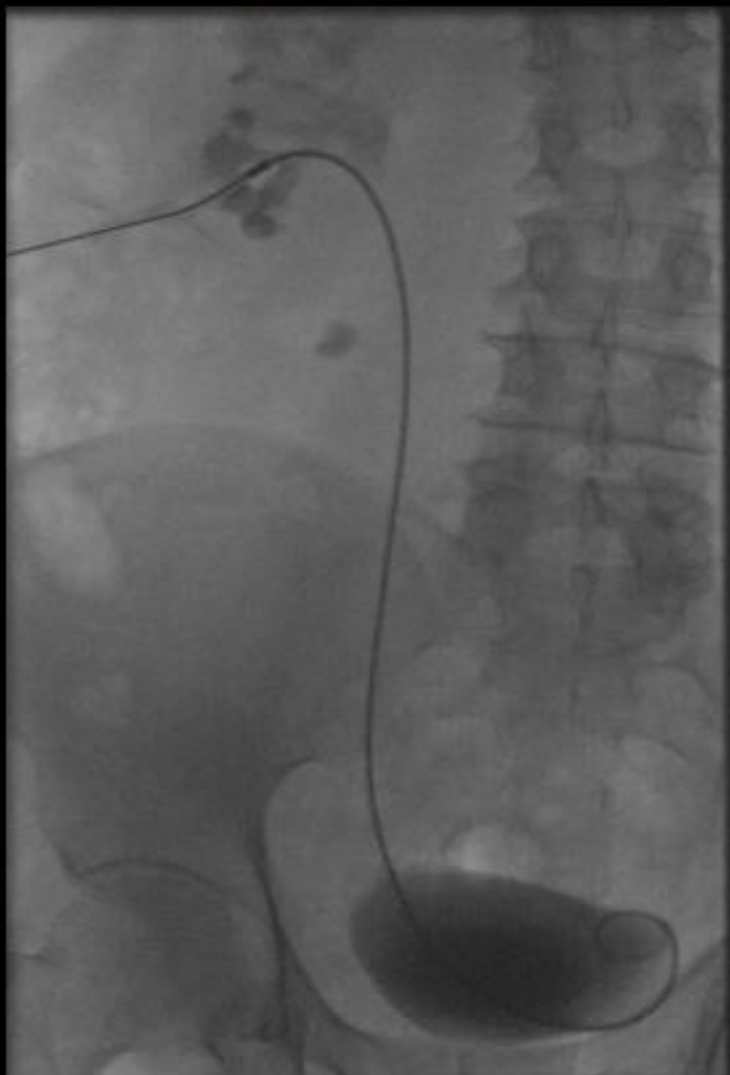




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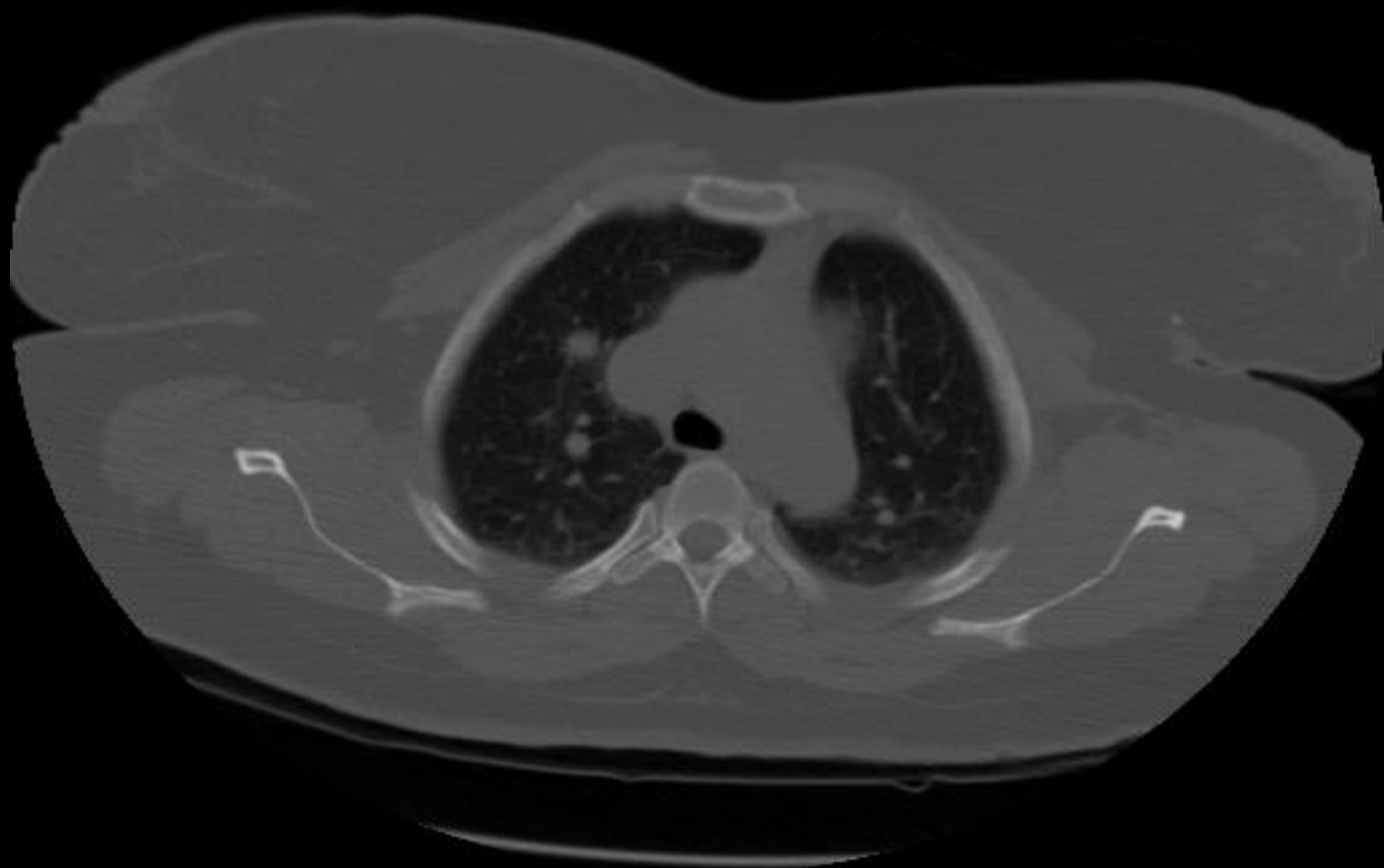
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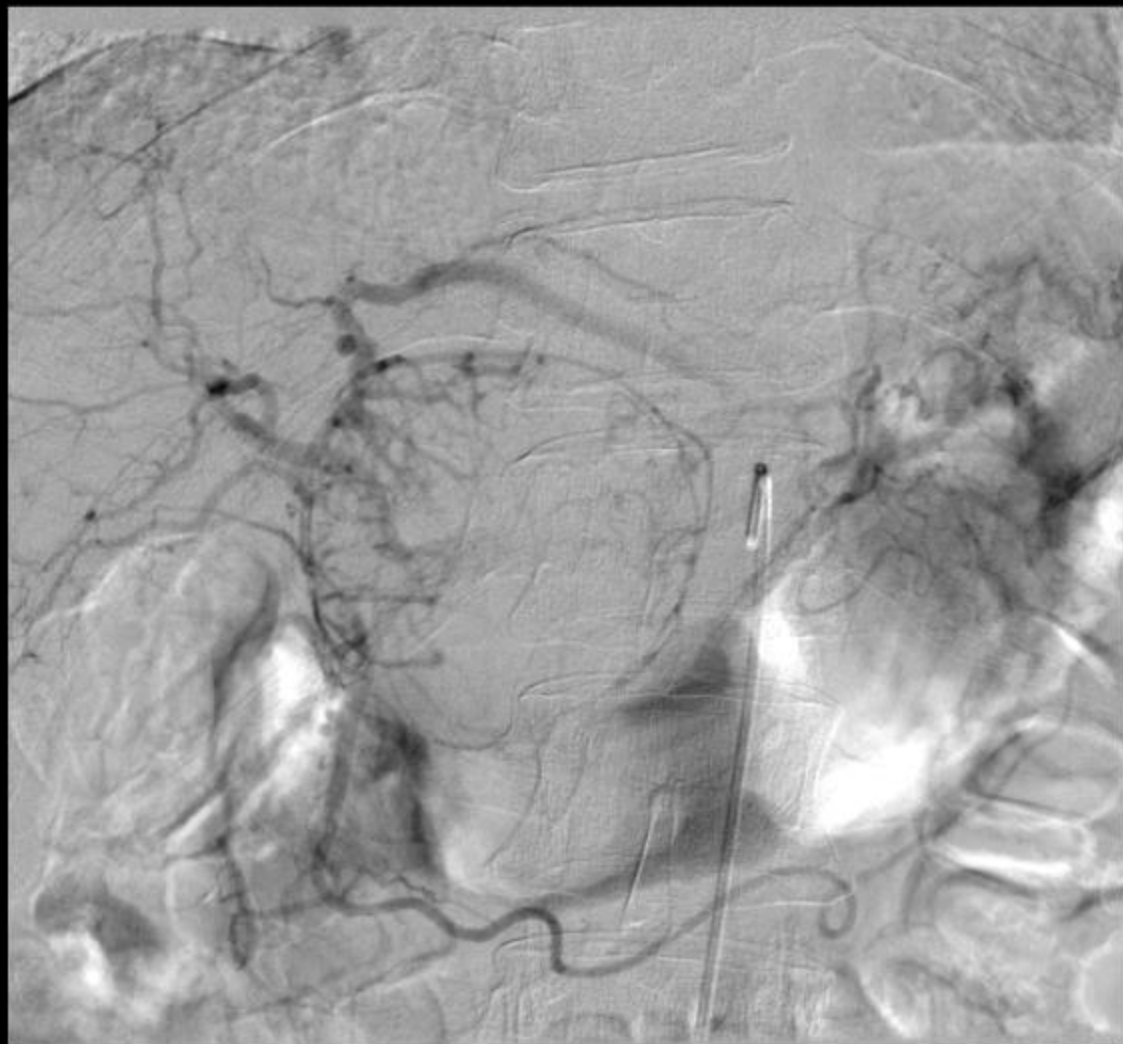
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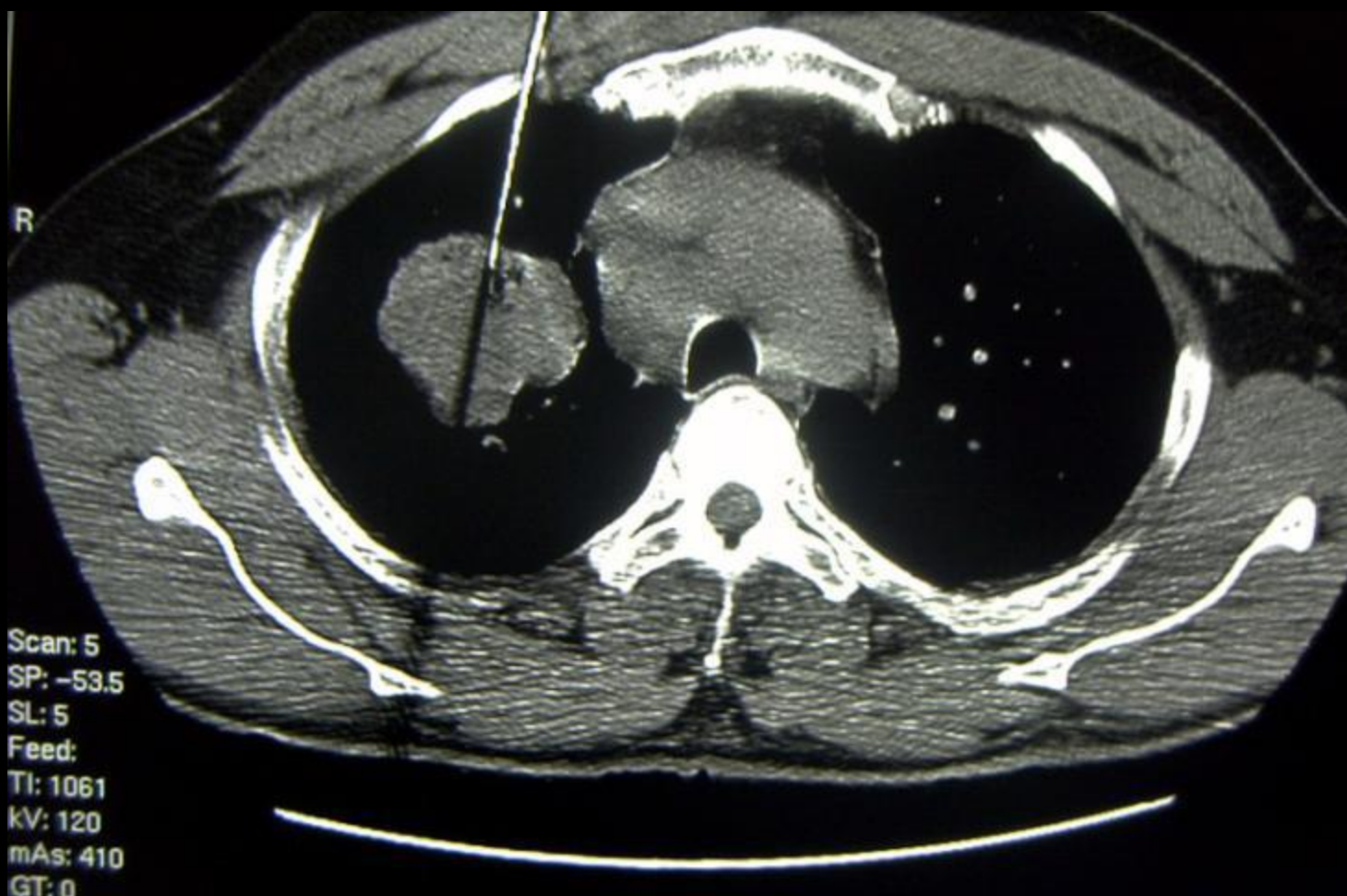














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Phys

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