

## Vascular: Case 3

### **Prompt**

This is a 30-year-old male with a history of post-traumatic urethral stricture and recent repair. Please generate a radiology report for these fluoroscopy images.



### **GPT-4V**

#### **Technique:**

Sequential fluoroscopic images obtained following the introduction of contrast into the urethra.

#### **Findings:**

- There is opacification of the anterior and posterior urethra on the fluoroscopic images.
- No evidence of extravasation of the contrast outside the urethral lumen is noted, suggesting the absence of any urethral leak.
- The caliber and contour of the urethra appear preserved with no apparent filling defects, which would suggest no residual stricture or obstruction.
- The bladder fills with contrast without evidence of reflux, suggesting competent vesicoureteral junctions.
- No bladder diverticula, tumors, or stones are visualized in the limited views provided.

#### **Impression:**

- Patent anterior and posterior urethra without evidence of stricture or extravasation of contrast.
- No evidence of vesicoureteral reflux or bladder pathology on the limited views obtained.

### **Reference answer**

Post-operative peri-catheter retrograde urethrogram shows mild contrast leakage in the bulbomembranous regions accompanied by marked venous intravasation.