



PHYSICIAN
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ACCESS SITES

- Femoral artery contralateral to the renal artery to be treated.

DIAGNOSTIC DEVICES USED

SHEATH SIZES

5-F diagnostic sheath.

FLUSH DIAGNOSTIC CATHETERS

Pigtail catheter.

SELECTIVE DIAGNOSTIC CATHETERS

Sos II catheter.

DIAGNOSTIC GUIDEWIRES

.035-inch hydrophilic guidewire.

INTERVENTIONAL DEVICES USED

INTERVENTIONAL GUIDEWIRES

.035-inch, 260-cm Rosen wire.

INTERVENTIONAL SHEATHS OR GUIDE CATHETERS

6-F sheath, 45 cm long (straight).

PTA BALLOONS

I do not have a balloon preference. I usually predilate with a 3-mm X 2-mm or 4-mm X 2-mm angioplasty balloon prior to placing a stent.

STENTS

I prefer to use a balloon-expandable stent in this location. I most commonly select a 5-mm or 6-mm stent depending on the artery size. I usually determine the length of the stent based on the predilatation balloon. I will postdilate the stent with a larger balloon as needed.

IMAGING

The left renal artery is imaged in 20° of left anterior oblique projection. The right renal artery is imaged in the anteroposterior projection.

OTHER EQUIPMENT USED

I do not use thrombectomy devices, laser, plaque atherectomy, snares, rescue equipment, etc.

CONTRAST RECOMMENDATIONS

I use Visipaque for the normal-creatinine patients. For any patient above a creatinine level of 1.7, I use a combination of gadolinium and half-strength Visipaque.

PHARMACEUTICALS

Heparin. ■