

CAROTID ARTERY STENTING



PHYSICIAN
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ACCESS SITES

- Femoral.

DIAGNOSTIC DEVICES USED

SHEATH SIZES

5-F.

FLUSH DIAGNOSTIC CATHETERS

5-F pigtail.

SELECTIVE DIAGNOSTIC CATHETERS

5-F catheters, such as the JR4, H1, or Vitek.

DIAGNOSTIC GUIDEWIRES

Stiff, angled hydrophilic nitinol wire.

INTERVENTIONAL DEVICES USED

INTERVENTIONAL GUIDEWIRES

Emboli protection filters; soft buddy wire, if needed.

INTERVENTIONAL SHEATHS OR GUIDE CATHETERS

8-F, short sheath, 8-F H1 guide catheter.

PTA BALLOONS

Predilate, 4 X 20 coronary balloon; postdilate, 5.5-mm, .014-inch platform peripheral balloon.

STENTS

Nitinol carotid stents.

INTERVENTIONAL NOTES

Always do a good LAO arch injection; work in an oblique projection (not lateral) so you can easily see the tip of your guide or sheath in case it is backing out of the artery; a guide will give you more backup than a sheath for challenging lesions.

IMAGING

Large field of view, DSA, roadmapping.

OTHER EQUIPMENT USED

Have an export catheter in the room in case aspiration is needed for slow filter flow.

CONTRAST RECOMMENDATIONS

Nonionic, iso-osmolar.

PHARMACEUTICALS

ASA, clopidrogel, heparin.

TESTS USED

ACT of 250-300 seconds. ■