

LOWER EXTREMITY ARTERIOGRAM / PVI

OPERATIVE NOTE TEMPLATE

LEGEND:

■ = Constant boilerplate (verbatim in all notes)

Blue italic = Variable / Fill-in

Procedure Date:

[MM/DD/YYYY]

PREOPERATIVE DIAGNOSIS

[Select applicable - numbered list]

- 1. Peripheral vascular disease with claudication
- 1. Peripheral arterial disease with rest pain
- 1. Peripheral arterial disease with tissue loss / gangrene of [location]
- 2. ABI of [X.XX]
- 3. Chronic limb-threatening ischemia
- 4. History of arterial intervention with [stents/bypass] [location]
- 5. Chronic renal insufficiency, Stage [X]
- 6. Osteomyelitis

POSTOPERATIVE DIAGNOSIS

[Usually same as preoperative, or update with intraoperative findings]

PROCEDURE PERFORMED

[Select applicable - numbered list]

- 1. [Right/Left/Bilateral] lower extremity arteriogram
- 2. Balloon angioplasty of the [vessel: SFA / popliteal / AT / PT / peroneal]
- 3. Atherectomy of the [vessel]
- 4. Stent placement [vessel] [size]
- 5. Intravascular ultrasound (IVUS)

STANDARD FIELDS

Complications:	None
Drains:	None
Specimens:	None
Condition:	Stable
Anesthesia:	MAC and local
Attending:	Joe H. Morgan, M.D.

Optional - Findings: [For complex cases with significant intraop findings]

PROCEDURE

Opening (Constant):

The patient was brought to the operating room in stable condition and was placed on the table in the supine position. The groins were prepped and draped in the usual sterile fashion. We began by performing a time-out concerning the patient, procedure, site, and equipment.

Access (Variable):

Under ultrasound guidance, I punctured the *[left/right]* common femoral artery with a needle. I placed a wire and a sheath and manipulated the wire in the infra abdominal aorta. I placed a catheter over the wire. With the tip of the catheter in the infra abdominal aorta, I injected dye within the catheter.

Aortoiliac Imaging (Semi-Constant phrases):

- "This/It showed the aorta to be widely patent."
- "Two common iliacs are widely patent."
- "Internal and external iliacs are widely patent."
- OR: "The iliacs appear to be diseased but they don't appear to be flow limiting."

Contralateral Crossing (when applicable):

I manipulated the tip of the catheter into the *[right/left]* common iliac artery. I placed the wire through the catheter and manipulated the tip of the wire in the *[right/left]* common femoral artery. I advanced the catheter over the wire. With the tip of the catheter in the *[R/L]* common femoral artery, I injected dye within the catheter.

Target Limb Findings (Variable - structured):**CFA/Profunda:** *[widely patent / XX% stenosis / calcified]***SFA:** *[widely patent / XX% stenosis / rat bite stenosis / occluded / prior stent]***Popliteal:** *[patent / XX% stenosis in 1st/2nd/3rd portion / calcified]***Tibial Runoff:**

- AT: *[patent / stenosed / occluded / reconstitutes distally]*
- PT: *[patent / stenosed / occluded]*
- Peroneal: *[patent / stenosed / best vessel to foot]*

Foot vessels: *[DP / PT at ankle status]***INTERVENTION****Sheath Upgrade (when needed):**

I traded out for a *[4/5/6/7/8]* French *[45cm]* sheath.

Wire Crossing:

I crossed the lesion with an *[0.014 / 0.018 / 0.035]* wire. *[Optional: SAFARI technique for retrograde access]*

Atherectomy (if applicable):

I advanced a *[1.25 / 1.5 / 2.0]* atherectomy burr *[location]*. This was treated on low and medium power for several passes. Dye was injected within the sheath. This showed good resolution of the atheroma.

Balloon Angioplasty (Constant pattern):

I advanced a *[X]* mm x *[X]* cm angioplasty balloon. The balloon was bridged from *[proximal location]* to *[distal location]*. It was inflated to full profile, held up for three minutes, deflated and removed. Dye was injected within the sheath.

Vessel	Typical Balloon Size
Tibial (AT/PT/Peroneal)	2mm, 3mm, 3.5mm x 20-28cm
Popliteal	4mm, 5mm x 20-24cm
SFA	5mm, 6mm x 20-40cm
Iliac	7mm, 8mm x 40-60mm

Stent Placement (if applicable):

I advanced a *[X]* mm x *[X]* mm *[self-expanding / balloon-expandable]* stent. The stent was deployed. Post-dilation was performed with a *[X]* mm balloon.

RESULT DOCUMENTATION**Radiographic Result (Standard phrases):**

- "This showed an excellent radiographic result with 0% residual stenosis."
- "This showed a good radiographic result with less than 30% residual stenosis."
- "This showed minimal residual stenosis and much improved runoff."
- "There is now inline flow all the way to the foot."

Clinical Assessment (Variable):

- "The patient had a [1+/2+] dorsalis pedis/posterior tibial pulse at the end of the case."
- "There is increased doppler signal in the foot."
- "Good palpable popliteal and femoral pulse."

CLOSURE**Closure (Constant pattern):**

At this point wires and sheaths were removed. A closure device was used on the groin.

OR: "Pressure was held for hemostasis."

Ending (Constant - verbatim in ALL notes):

The patient tolerated the procedure well and left the operating room in stable condition.

SIGNATURE BLOCK

JM: jhn

Dictated: [MM/DD/YYYY]

Transcribed: [MM/DD/YYYY]

cc: Joe H. Morgan, M.D.

VQI PVI REGISTRY DATA EXTRACTION

Patient Demographics

Age: _____
Sex: ☐ Male ☐ Female
Race: _____

Comorbidities

Diabetes: ☐ None ☐ Diet ☐ Oral ☐ Insulin
Hypertension: ☐ No ☐ Yes
CAD: ☐ No ☐ Yes - Prior MI/CABG/PCI
CHF: ☐ No ☐ Yes
COPD: ☐ No ☐ Yes
CKD/Dialysis: ☐ No ☐ CKD Stage ____ ☐ Dialysis
Smoking: ☐ Never ☐ Prior ☐ Current

Indication

Rutherford Class: ☐ R0 ☐ R1 ☐ R2 ☐ R3 ☐ R4 ☐ R5 ☐ R6
Pre-op ABI: _____
Tissue Loss Location: _____

Procedure Details

Urgency: ☐ Elective ☐ Urgent ☐ Emergent
Access Site: ☐ Ipsilateral CFA ☐ Contralateral CFA ☐ Brachial ☐ Pedal
Sheath Size: ☐ 4Fr ☐ 5Fr ☐ 6Fr ☐ 7Fr ☐ 8Fr

Target Lesions

Aortoiliac: ☐ None ☐ CIA ☐ EIA Stenosis: ____% TASC: ☐ A ☐ B ☐ C ☐ D
Fem-Pop: ☐ CFA ☐ SFA ☐ Popliteal Stenosis: ____% TASC: ☐ A ☐ B ☐ C ☐ D
Tibial: ☐ AT ☐ PT ☐ Peroneal ☐ TPT Stenosis: ____%

Interventions

PTA: ☐ Yes Vessel: _____ Balloon: ____ x ____ mm
Atherectomy: ☐ Yes Type: ☐ Rotational ☐ Laser ☐ Orbital Vessel: _____
Stent: ☐ Yes Vessel: _____ Size: ____ x ____ mm Type: ☐ BMS
☐ DES ☐ Covered

IVUS: ☐ Yes Vessel: _____

Outcome

Technical Success: ☐ Yes ☐ Partial ☐ No

Residual Stenosis: ☐ 0% ☐ <30% ☐ 30-50% ☐ >50%

Complications: ☐ None ☐ Dissection ☐ Embolization ☐ Perforation ☐ Hematoma

Post-op Pulse: ☐ Doppler ☐ 1+ ☐ 2+ Vessel: _____

Post-op ABI: _____