

**DOB:** 1962-12-23    **Age:** 56  
**Gender:** M

**Study Time:** 06:25 PM  
**Reading Group:** Studycast Reading Group  
**Referring Group:** Anytown Family Practice  
**Sonographer:** John^Sample  
**Clinical History:** 04/23/17 Lt SFA-TPT BPG, 08/08/17 Rt CFA-TPT, 04/21/18 Rt BPG angio

**Study Quality:** Good

**Indications:** Bypass graft

**Diagnosis Code:** (Z48.812) Encounter for surgical aftercare following surgery on the circulatory system

**Procedure Code:** 93922 Upr/l xtremity art 2 levels (ABI/WBI)  
93925 Duplex scan of lower extremity arteries or arterial bypass graft; Complete bilateral study

Right	ABI	Left
Rest (mmHg)		Rest (mmHg)
152	Brachial	152
164	Post Tibial	169
153	Dors Pedis	165
1.08	ABI	1.11

### Grafts Info

#### Graft 1

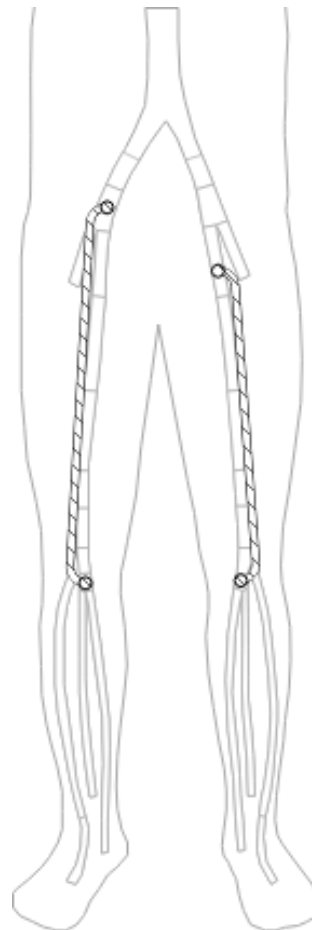
Location from: Right CFA    Type: RSVG  
Location to: Right Tib-Per trunk    Patent: Yes

	Waveform	Ratio	PSV (cm/s)
Inflow	Biphasic		90.7
Prox Anast	Biphasic	1.55	140.9
Graft Prox	Biphasic	1.44	203.2
Graft Mid	Biphasic	0.33	68
Graft Dist	Biphasic	0.9	61.2
Dist Anast	Biphasic	0.65	39.8
Outflow	Biphasic	1.03	41

#### Graft 2

Location from: Left SFA Prox    Type: RSVG  
Location to: Left Tib-Per trunk    Patent: Yes

	Waveform	Ratio	PSV (cm/s)
Inflow	Biphasic		73.3
Prox Anast	Biphasic	0.69	50.6
Graft Prox	Biphasic	1.36	68.6
Graft Mid	Biphasic	1.01	69.3
Graft Dist	Biphasic	0.84	58.4
Dist Anast	Biphasic	0.88	51.3
Outflow	Biphasic	1.22	62.5



#### Graft Types

-  RSVG
-  In Situ SVG
-  Synthetic
-  Unknown

**Right Findings:**

Duplex exam of the right common femoral artery to tibioperoneal bypass graft reveals: Patent bypass graft with no evidence of significant stenosis visualized. There is elevated velocities noted again in the proximal portion of the bypass graft at a valve segment, however no narrowing is visualized.

**Left Findings:**

Duplex exam of the left proximal/mid superficial femoral artery to tibioperoneal bypass graft reveals: Patent bypass graft with no evidence of significant stenosis visualized.

**ABI Findings**

Resting ankle brachial index of the bilateral lower extremities are within normal limits.

The right ABI is 1.08 and the left ABI is 1.11.

Ankle PVR waveforms appear abnormal bilaterally.

**Conclusions:**

Patent right and left bypass grafts with no evidence of significant stenosis visualized.

There is elevated velocities noted again in the proximal portion of the right bypass graft at a valve segment, however no narrowing is visualized.

The right ABI is 1.08 and the left ABI is 1.11.

No significant change from previous exam on 1/17/19 for the right bypass graft and ABIs and exam on 10/12/18 for the left bypass graft.

April 22, 2019 02:36 PM EDT  
CSI Admin Staff  
Electronically Signed on Studycast