

Test Date: 04/13/11

Ref. #

**History/Comments:**

Exam is of the left lower limb to try to locate the cause of persistent burning-quality pain on the calf and foot. The suspects are a focal lesion of the saphenous nerve or of the peroneal or tibial nerves.

**Motor Nerve Study**

**Left Peroneal Nerve**

Rec Site: EDB	Lat (ms)	Norm Lat	Amp (mV)	Norm Amp	C.V. (m/s)	Norm C.V.
Stim Site						
Ankle	5.1	< 6.2	3.3	> 2.6		
Fib.Head	10.9		3.0		51.5	> 43
Pop.Fos.	12.6		3.0		44.1	> 42

TEMPERATURE: 85.5F

**Left Tibial Nerve**

Rec Site: AH	Lat (ms)	Norm Lat	Amp (mV)	Norm Amp	C.V. (m/s)	Norm C.V.
Stim Site						
calf	5.3	< 6.1	9.2	> 5.8		
Pop.Fos.	12.3		6.3		51.4	> 40

TEMPERATURE: 86.5F

**Sensory Nerve Study**

**Left Peroneal Nerve**

Rec Site: dorsal foot	Lat (ms)	Norm Lat	Amp (uV)	Norm Amp	C.V. (m/s)	Norm C.V.
Stim Site						
Lower leg	2.6	< 8.8	19.6	> 10	41.7	> 40
repeat	2.7		11.6			
repeat	2.8		15.9			
repeat	2.7		12.9			

TEMPERATURE: 86.5F