

6/2/2011

ELECTRONEUROMYOGRAPHY LABORATORY
Hospital
Department of Neurology
Milwaukee, WI

Name :
MRN :

Referred from :
Referred for : Persistent R Buttock Pain
EMG Consultant :

Age : 38 Years 9 Months Height : 5 feet 10 inch
Sex : Male Weight : 185 lbs

Technician :

Date : 06022011

Diag Codes :

History: 38 year-old male presenting with 4 years of chronic pain in the right buttock and posterior thigh. He reports acute onset of aching pain across the right buttock and posterior thigh while doing Pilates. He denies radiating back pain or numbness. He reports some weakness in the right leg. He denies symptoms in the contralateral leg. The EMG is requested to assess for an etiology of his symptoms.

Summary: The nerve conduction study showed a normal right sural SNAP. The bilateral saphenous SNAPs were unelicitable. The right peroneal and tibial CMAPs and F wave latencies were normal.

The needle study of selected muscles in the right lower extremity and lower lumbosacral paraspinal muscles was normal.

Interpretation: Normal study. There is no definite electrophysiologic evidence of a right lower lumbosacral radiculopathy, sciatic neuropathy, myopathy or peripheral neuropathy in this study.

Staff Physician

6/2/2011 2:50 PM
Electronically signed

ELECTROMYOGRAPHY REPORT - Page 1 of 2		Printed: 02/03/2012 10:01	
Patient:	MR#:	Discharged: 06/02/2011	Service Dates: 06/02/2011-06/02/2011
Copy for:	REQ:	DET:	IK: ITK: EK: VER: 1

Motor NCS

Nerve / Sites	Muscle	Lat		Amp		Rel Amp %	Segments	Dist cm	Vel	
		ms	NI	mV	NI				m/s	NI
R Peroneal - EDB										
1. Ankle	EDB	4.80	< 6.10	5.8	> 2.0	100	Ankle-GI	9		
2. Fib Head	EDB	10.80		5.5		95.1	Fib Head- Ankle	28	47	
3. A. Knee	EDB	13.00		5.5	> 2.0	95.2	A. Knee- Fib Head	10	46	> 41
R Tibial - AH										
1. Ankle	AH	3.10	< 6.10	22.0	> 3.0	100	Ankle-GI	8		
2. Knee	AH	13.15		14.0	> 3.0	63.8	Knee- Ankle	43.5	43	> 41

F Wave

Results	Side	NI
	Right	
Peroneal		
Min F Lat ms	47.80	< 55.00
Resp.		
Tibial		
Min F Lat ms	47.30	< 55.00
Resp.		

Sensory NCS

Nerve / Sites	Rec. Site	Onset Lat ms	Peak Lat		NP Amp		Segments	Dist cm	Vel	
			ms	NI	μ V	NI			m/s	NI
R Sural - Lat Mall										
1. Calf	Ankle	2.80	3.60	< 4.20	11.1	> 6.0	Calf-GI	14	50	> 41
L and R Saphenous										
1. Leg	Ankle		NR		NR		Leg-GI	10		

Needle EMG	INSERTIONAL, SPONTANEOUS					VOL MOTOR UNIT POTENTIAL				
	IA	PSW	Fib	Fasc	Other	Eff	Reert	Amp	Dur	Poly
R. Tibialis Anterior L4,5	N	0	0	0	0	N	N	N	N	N
R. Gastroc Med S1,2	N	0	0	0	0	N	N	N	N	N
R. Vastus Medialis L3,4	N	0	0	0	0	N	N	N	N	N
R. Bic Fem LH L5,S1	N	0	0	0	0	N	N	N	N	N
R. Glutes Max L5,S1,2	N	0	0	0	0	N	N	N	N	N
R. Gluteus Med L4,5,S1	N	0	0	0	0	N	N	N	N	N
R. Lower Lumbar PSP L5-S1	N	0	0	0	0