

柳州市人民医院
肌电图/诱发电位报告单

姓名:		肌电图号:	07302	住院号:	887516	科室:	神内一区 47床
性别:	Male	出生日期:	1944/04/09	年龄:	79 y	诊断:	自身免疫性脑病?

Motor Nerve Conduction:

Nerve and Site	Latency	Amplitude	Segment	Latency Difference	Distance	Conduction Velocity
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Median.L

Wrist	3.7 ms	6.6 mV	Abductor pollicis brevis-Wrist	3.7 ms	mm	m/s
Elbow lower	7.7 ms	6.5 mV	Wrist-Elbow lower	4.0 ms	210 mm	53 m/s

Ulnar.L

Wrist	2.8 ms	6.5 mV	Abductor digiti minimi (manus)-Wrist	2.8 ms	mm	m/s
Below elbow	6.8 ms	6.1 mV	Wrist-Below elbow	4.0 ms	220 mm	56 m/s

Ulnar.R

Wrist	2.9 ms	8.9 mV	Abductor digiti minimi (manus)-Wrist	2.9 ms	mm	m/s
Below elbow	7.0 ms	8.3 mV	Wrist-Below elbow	4.1 ms	220 mm	54 m/s

Median.R

Wrist	3.7 ms	7.6 mV	Abductor pollicis brevis-Wrist	3.7 ms	mm	m/s
Elbow lower	7.8 ms	7.5 mV	Wrist-Elbow lower	4.1 ms	210 mm	51 m/s

Tibial.L

Ankle	4.2 ms	3.8 mV	Abductor hallucis-Ankle	4.2 ms	mm	m/s
Popliteal fossa	11.0 ms	3.5 mV	Ankle-Popliteal fossa	6.8 ms	350 mm	51 m/s

Peroneal.L

Ankle	3.4 ms	1.6 mV	Extensor digitorum brevis-Ankle	3.4 ms	mm	m/s
Fibula (head)	10.1 ms	1.2 mV	Ankle-Fibula (head)	6.7 ms	320 mm	48 m/s
Popliteal fossa	4.2 ms	4.9 mV	Fibula (head)-Popliteal fossa	5.9 ms	mm	m/s

Peroneal.R

Ankle	3.3 ms	3.2 mV	Extensor digitorum brevis-Ankle	3.3 ms	mm	m/s
Fibula (head)	9.4 ms	2.8 mV	Ankle-Fibula (head)	6.1 ms	320 mm	52 m/s
Popliteal fossa	4.1 ms	2.1 mV	Fibula (head)-Popliteal fossa	5.3 ms	mm	m/s

Tibial.R

Ankle	4.0 ms	4.6 mV	Abductor hallucis-Ankle	4.0 ms	mm	m/s
Popliteal fossa	11.0 ms	4.3 mV	Ankle-Popliteal fossa	7.0 ms	350 mm	50 m/s

Sensory Nerve Conduction:

Nerve and Site	Onset Latency	Peak Latency	Amplitude	Segment	Latency Difference	Distance	Conduction Velocity
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Median.L

Digit III (long fing	2.6 ms	3.1 ms	16 μ V	Wrist-Digit III (long finger)	2.6 ms	135 mm	52 m/s
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Ulnar.L

Wrist	2.4 ms	3.0 ms	10 μ V	Digit V (little finger)-Wrist	2.4 ms	110 mm	47 m/s
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Ulnar.R

Wrist	2.5 ms	3.1 ms	14 μ V	Digit V (little finger)-Wrist	2.5 ms	120 mm	48 m/s
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Median.R

Digit III (long fing	2.7 ms	3.4 ms	16 μ V	Wrist-Digit III (long finger)	2.7 ms	135 mm	50 m/s
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Peroneal.L

Ankle	1.7 ms	2.2 ms	7 μ V	Dorsum of foot-Ankle	1.7 ms	80 mm	48 m/s
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Sural.L

Lower leg	1.3 ms	1.9 ms	15 μ V	Ankle-Lower leg	1.3 ms	70 mm	54 m/s
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Sural.R

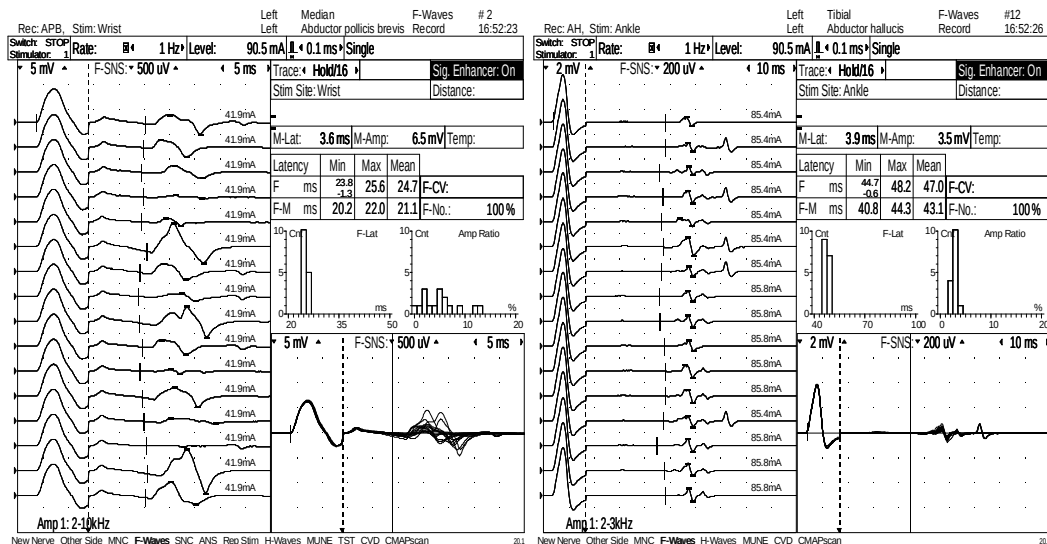
Lower leg	1.8 ms	2.6 ms	13 μ V	Ankle-Lower leg	1.8 ms	90 mm	49 m/s
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Peroneal.R 未引出肯定波形

Ankle	ms	ms	μ V	Dorsum of foot-Ankle	ms	mm	m/s
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F-Wave Studies

Nerve	M-Latency	F-Latency
Median.L	3.6	23.8
Tibial.L	3.9	44.7



Needle EMG Examination:

Needle EMG Examination												
	Insertional	Spontaneous Activity			Volitional MUAPs					Max Volitional Activity		
Muscle	Insertional	Fibs	+Wave	Fasc	Duration	Amplitude	Poly	Config	Recruitment	Amplitude	Pattern	Effort
Tibialis anterior.R			-									
Gastrocnemius.R			-									
Tibialis anterior.L			-									
Gastrocnemius.L			-									
Vastus medialis.L			-									

Motor Unit Analysis:**Tibialis anterior.R**

The number of MUAPs in this file is 8.
2 MUAP(s) are polyphasic, or 40.0 %

	Duration	Amplitude	Phases	Spike Duration
Mean values for all the recorded MUAP(s):	10.3 ms	486 μ V	4.0	6.6 ms
Mean values for non-polyphasic MUAP(s):	10.4 ms	452 μ V	3.0	5.3 ms

Gastrocnemius.R

The number of MUAPs in this file is 9.
1 MUAP(s) are polyphasic, or 20.0 %

	Duration	Amplitude	Phases	Spike Duration
Mean values for all the recorded MUAP(s):	11.5 ms	588 μ V	4.0	9.2 ms
Mean values for non-polyphasic MUAP(s):	11.3 ms	574 μ V	3.5	8.8 ms

Tibialis anterior.L

The number of MUAPs in this file is 10.
2 MUAP(s) are polyphasic, or 40.0 %

	Duration	Amplitude	Phases	Spike Duration
Mean values for all the recorded MUAP(s):	11.4 ms	624 μ V	4.4	6.2 ms
Mean values for non-polyphasic MUAP(s):	11.6 ms	580 μ V	4.0	4.8 ms

Gastrocnemius.L

The number of MUAPs in this file is 8.
2 MUAP(s) are polyphasic, or 50.0 %

	Duration	Amplitude	Phases	Spike Duration
Mean values for all the recorded MUAP(s):	12.2 ms	622 μ V	4.8	7.1 ms
Mean values for non-polyphasic MUAP(s):	11.9 ms	538 μ V	4.0	6.0 ms

Vastus medialis.L

The number of MUAPs in this file is 7.
1 MUAP(s) are polyphasic, or 33.3 %

	Duration	Amplitude	Phases	Spike Duration
Mean values for all the recorded MUAP(s):	10.5 ms	386 μ V	3.7	5.6 ms
Mean values for non-polyphasic MUAP(s):	10.4 ms	354 μ V	3.0	4.2 ms

检查结果:

- 1.MCV: 双侧正中神经、尺神经运动传导未见异常; 双侧胫后神经、腓总神经运动传导波幅降低, 潜伏期及速度正常范围。
- 2.SCV: 右侧腓浅神经感觉传导未引出肯定波形, 左侧腓浅神经、双侧正中神经、尺神经、腓肠神经感觉传导未见异常。
- 3.F波: 上下肢 F波出现率正常范围。
- 4.EMG: 静息状态胫前肌、腓肠肌、股四头肌未见自发电位, 小力收缩MUAP时限正常范围, 双下肢大力募集欠配合。

结论: 1.右侧腓浅神经损害;

2.双下肢运动传导波幅降低, 请结合临床。

检查医生:

报告医生:

检查日期: 2023/4/18

