

Establish Landmarks for device placement: - Use skin marker if available. - Make sure you have access to the outer ankle bone and the lower calf. - Make sure you can see the midline of the calf.	tomical Landmarks ne to Calf Midline to Calf ween ankle e and the and the Achilles tendon							
Testing Procedure - Prepare Device								
Power on the device: - Press and release the power button once. - The display will prompt you to connect the biosensor. - If the battery is low, the battery warning will appear on startup.								
Fully insert biosensor into the port: - Align biosensor to foam pad and ensure side labeled "Remove" faces up. - Biosensor icon in lower right of the screen will appear white when inserted properly. - Biosensor icon will appear black if it is not inserted properly.								
	Ready to Test: Left Limb							
Select testing leg (Select Limb = Left/Right).	Î Select Limb							
 Apply a small pea-sized amount of conductive gel to each probe: Cover heads of probes in gel. Use only conductive gel supplied by NeuroMetrix for electrodes. Do not use ultrasound gel. Remove any excess gel so it does not smear gel between two probes, which can interfere with results. 								
Remove backing from biosensor.								

Testing Procedure - Device P	lacement							
Locate patient's outer a outer ankle bone.	ankle bone and align the sh	nort probe (anode) and	long probe (ca	athode) to				
	The long probe should align with the outer ankle bone and placed between the ankle bone and the Achilles tendon.	Ensure that device it to the midline.	is aligned	Ensure that blue arrow is pointing to the back of the knee.				
Point device with arrov placed next to the midl	Point device with arrows pointed toward back side of knee. Align device with edge of the biosensor placed next to the midline that runs along the Achilles tendon.							
Place the long probe ir Achilles tendon. Tip: T	Place the long probe in the soft spot halfway between the center of the outer ankle bone and the Achilles tendon. Tip: The probes should be behind and not over the ankle bone.							
Ensure device is aligned the image above.	Ensure device is aligned to, but does not cross over the Achilles midline as shown by dashed line in the image above.							
Testing Procedure - Conduct	Test							
Press and release butt blink green when each	on once to start test. The d stimulus is delivered.	lisplay will show "Testin	ig" and the LE	D light will				
During test, maintain fi maintain steady pressi	During test, maintain firm and even pressure along device from the probes to the biosensor and maintain steady pressure across entire face of biosensor pad.							
Review test results on - The "Amp" value equ - The "CV" value equa	the display once completed als the Amplitude. Is the Conduction Velocity.	d.						
	Amp: 10 CV: 42	Amp: 3 CV: Undetectable Response Valid Result	Amp: (CV: - Undetectable Valid Re	R R Response				
Note: CV may appear with a If Amplitude displays a	numerical value for Ampliti s "0" the CV will also appea	ude, but a "" for CV - T ar as "" - This is a va	This is a valid lid result.	l result.				

Testing Procedure - Continued										
	Retrieve Test Results After Shutoff:									
	If the test re	sults are no long	er sho	wn on the scre	een or if the		Test	Results		
	device has powered off, they can still be recalled. Disconnect the									
	biosensor to	review the last	test res	sults, and pres	s on the limb v	with	· · · · · ·	_		
	the blue check mark to bring up results. Ex: The screen pictured									
	indicates that	at valid test resul	ts are	available for L	eft limb. Press	the				
	limb with the	e check mark (e.	g., L) te	o review result	ts for that limb.					
	Dispose of s	single patient-use	e biose	ensor.						
	Clean device by wiping probes straight up with alcohol swab or soft cloth. Do not twist while									
	cleaning pro	bes.								
Troubleshooting/Unsuccessful Test										
Key to error messages on display screen. See User Manual if more details are needed.										
LED	Error Message	Help Screen	LED	Error Message	Help Screen	LED	Error Message	Help Screen		
	A									
	Biosensor	Maka aura biasanaar tail		L L	Demost to studie a second					
	Disconnected	is inserted then retest.		Confirmed	limb selected.		Replace Battery			
	?			?						
	A	Excessive biosensor		<u> </u>	Warm patient's ankle to at least 24C/75E before		🔺 L			
	Device Locked	reuse detected. Device disabled. Call customer		Patient Cold	repeating test. Tester		Test Error	An error has occurred. Repeat test.		
	? 📰	service.		?	from probes.		?			
	L	Device has		L	Reapply probe gel,		A	Check cable fully		
	Device	malfunctioned. Repeat test. Contact customer		Poor Draha Cantaat	allowing time for gel to absorb into the skin. Use		Upload Error	inserted in both device and PC. Call customer		
	Maifunction	service if message persists.		Probe Contact	consistent probe pressure during test.		2	service if message persists.		
	🔺 L	Remove probe gel and		🔺 L	Check biosensor liner			Connect DDNChook		
	Excess Gel	reapply, make sure that		Poor	removed. Repeat skin preparation, apply		Application	to PC and open		
		gel does not smear on skin between probes.		Signal Quality	consistent pressure to device during test.		Application	Reporter or Communicator.		
	<u>'</u>			ť.			?			
		Check biosensor liner								
		removed, patient leg and								
	Interference	message persists,								
	?	reposition patient.								
DPNC	heck Reporte	r - Upload Resi	ılts (if	applicable)						
	Connect dev	vice to PC via US	SB cab	le.						
	Enter Patier	nt ID, data transf	ers.							
	Enter require	ed fields: DOB a	nd hei	ght.						
	Enter option	al fields if desire	d: Nar	ne, gender, we	eight.					
	Select physi	ician and technic	ian if c	lesired.						
<u> </u>	Enter interp	retation and note	s if av	ailable after pl	nysician review	/.				
	Select "Complete Study" to finish study									
<u> </u>	Generate report and print PDF									
	Refer to DPNC back User Manual for more details if needed									
Posulte & Patient Follow Up										
Eallow your office protocol for provider decumentation and review										
	Follow your office protocol for provider documentation and review.									
	Follow your office protocol for patient follow up and education.									