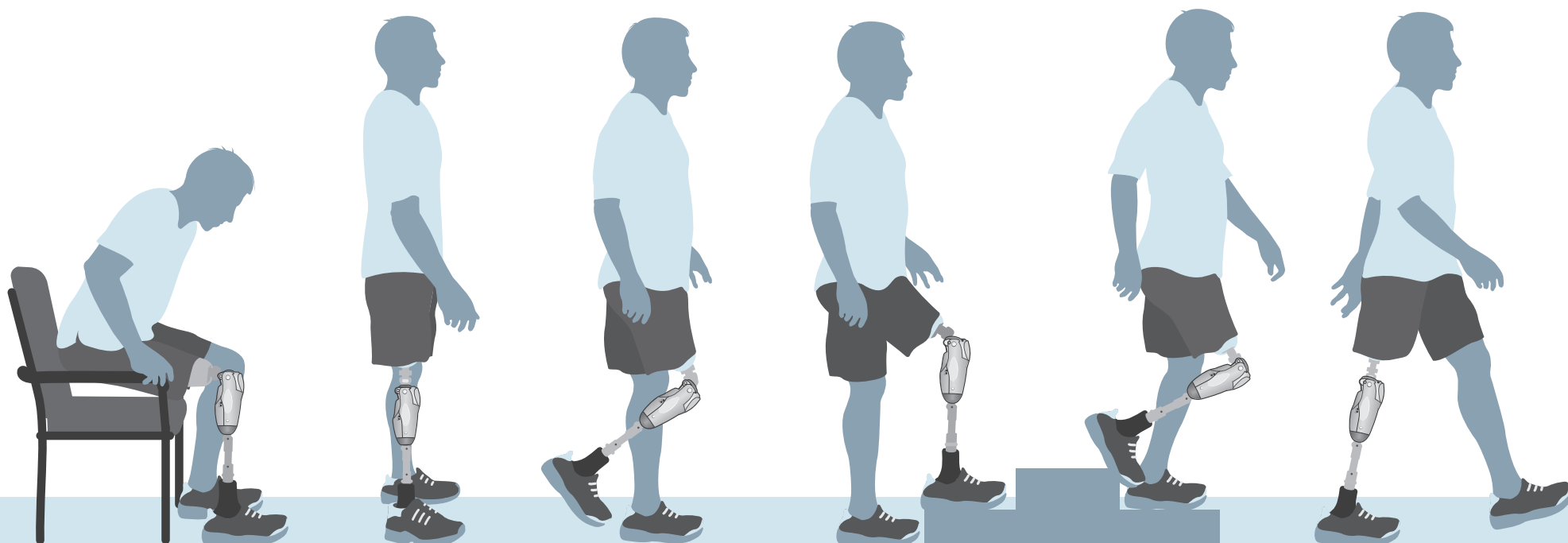


PROTEOR
QUATTRO[™]
MICROPROCESSOR KNEE

QUICK START GUIDE

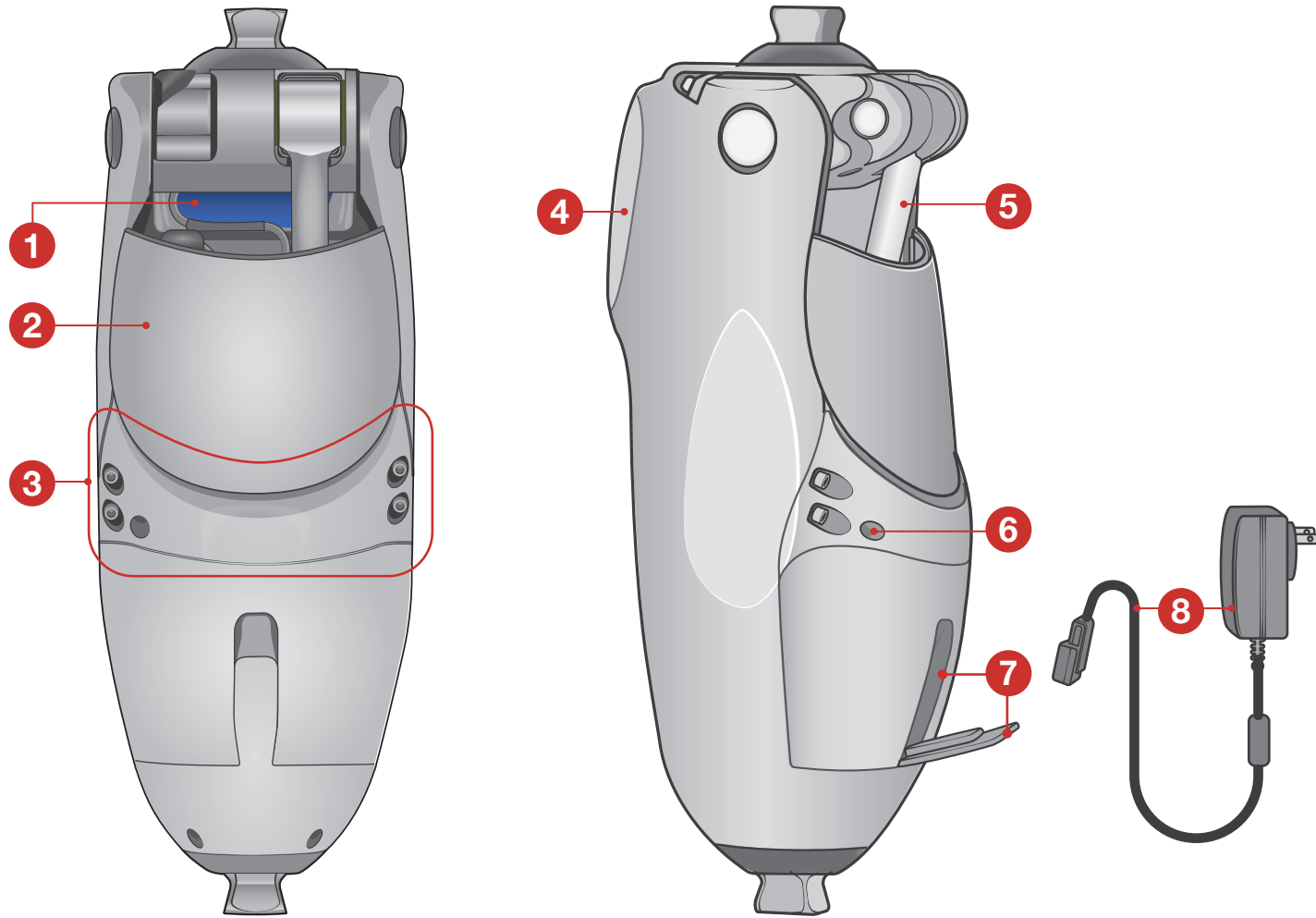
Clinician Full Setup



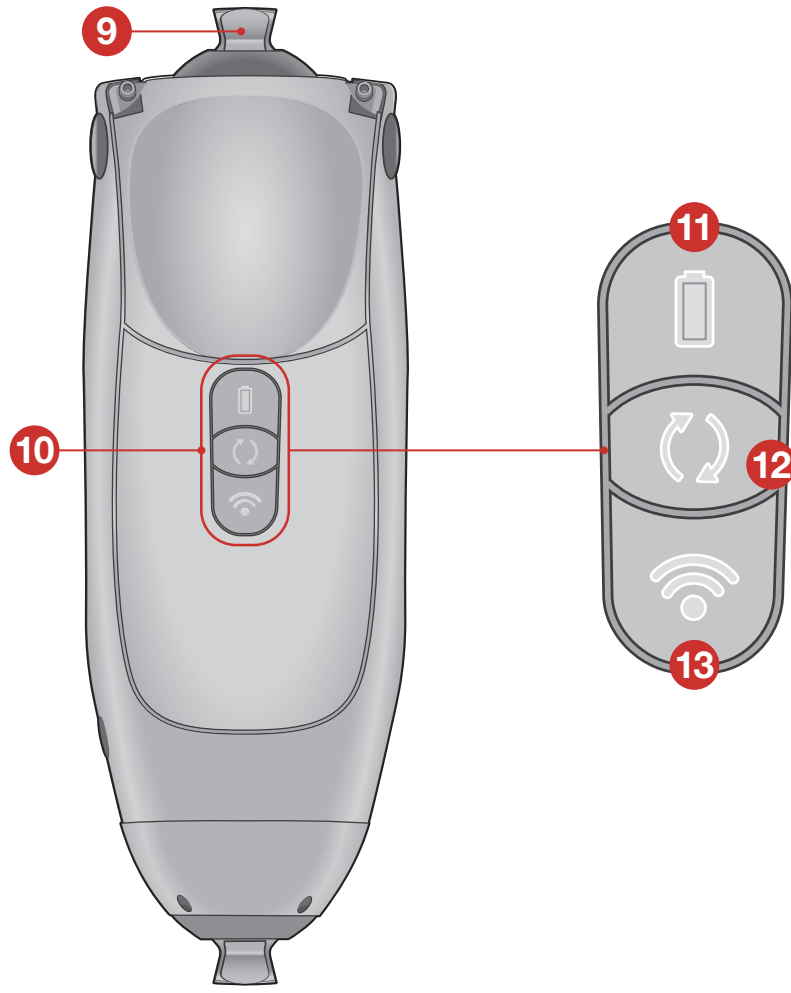
1

PROTEOR QUATTRO™


Microprocessor Knee




- 1. Flexion angle limiter
- 2. Flexible back cover
- 3. Rear brace
- 4. Replaceable knee pad
- 5. Cylinder shaft
- 6. Dead battery resistance adjustment screw
- 7. Charging port and dust cover



- 8. Battery charger and cable
- 9. Pyramid adapter
- 10. Keypad

Button	Status	Charge level	LED description
11 Battery Status 	Fully charged	51–100%	●
	Charged	21%–50%	((●))
	Low	11–20%	●
	Very low	1–10%	((●))
	Knee reboot	Hold 6 seconds	((●)) ((●))

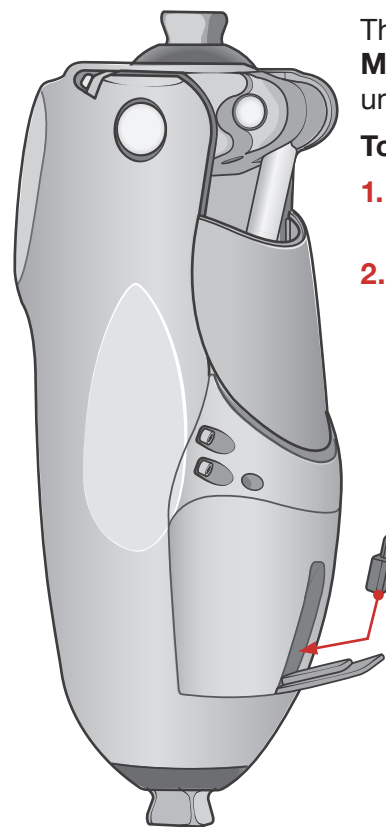
Button	Function	Status	LED description
12 Change Mode 	Check activity Press and release	Unlocked	Walking: (○) Alternate: ((○))
		Locked	Error: ((●)) ((○))
	Enable/disable lock Press twice	Lock engaged	○
Toggle between walking and alternate Long press	Locked engaged, with very low battery	○ ((●))	
	Locked disengaged	○	Previous LED activity resumes
	Current activity	Walking (○) Alternate ((○))	
Current activity	Walking: ((○)) ((●)) Alternate activity not enabled in patient app or unsafe to switch activities		

Button	Function	Description	LED description
13 Wireless 	Pair with knee	Pairs with devices	None

LED Key	
Solid green	●
Blinking green	((●))
Fast blinking green	((●))
Solid red	●
Blinking red	((●))
Fast blinking red	((●))
Blinking blue	((●))
Solid white	○
Slow blinking white	(○)
Blinking white	((○))
Fast blinking white	((○))

2 GET STARTED

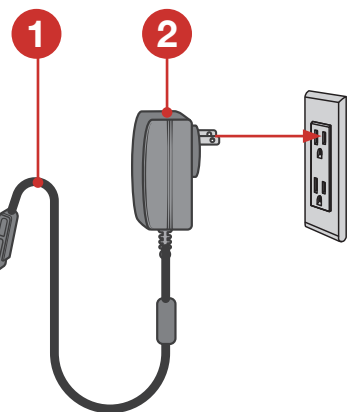
Wake the knee



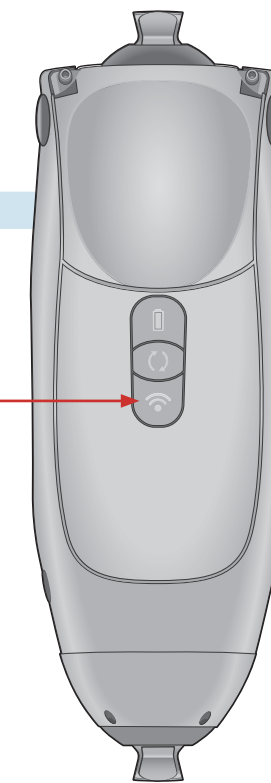
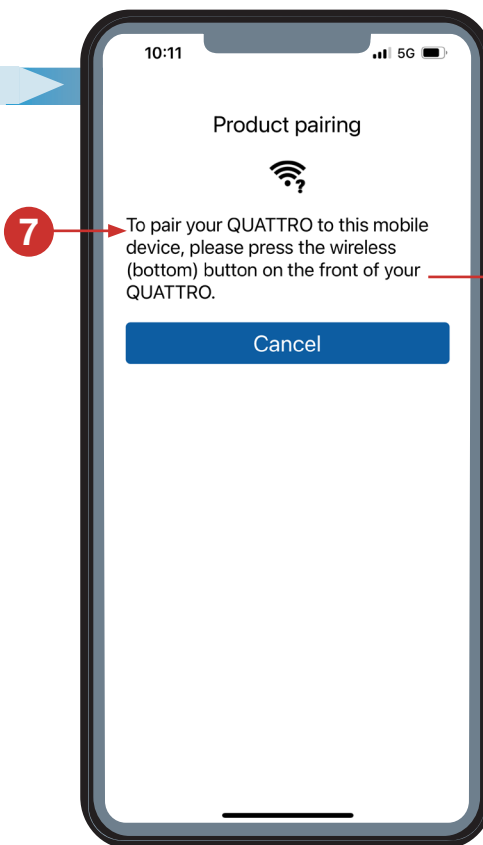
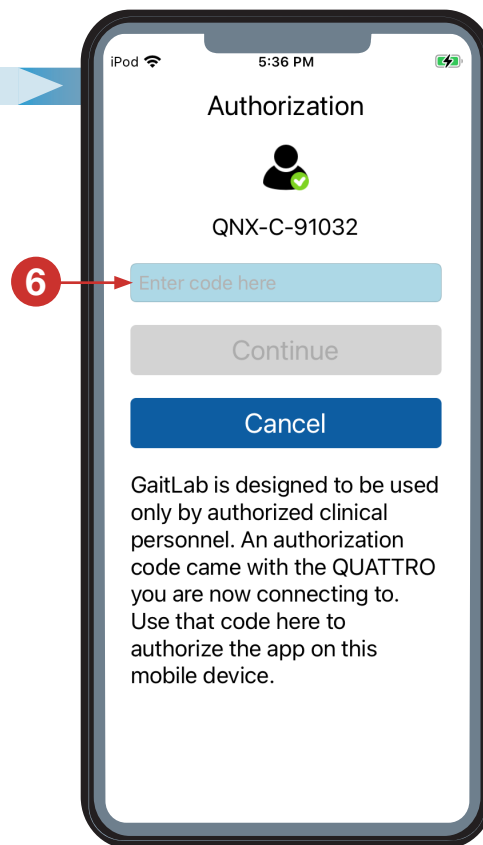
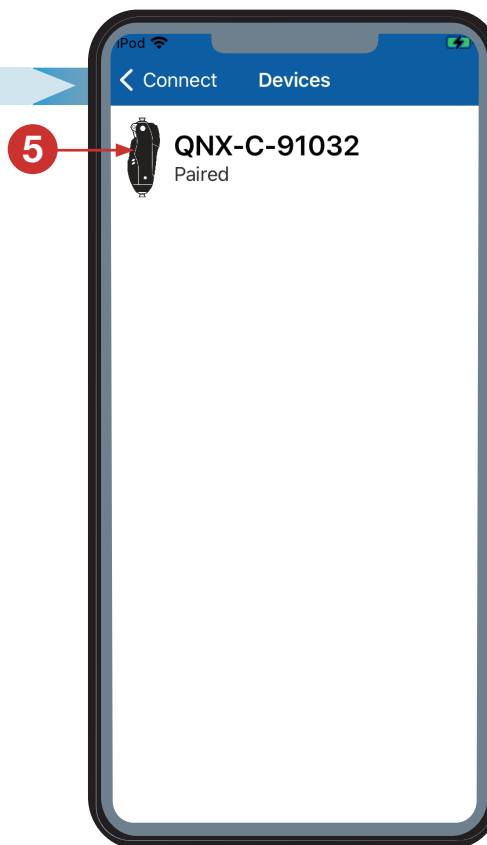
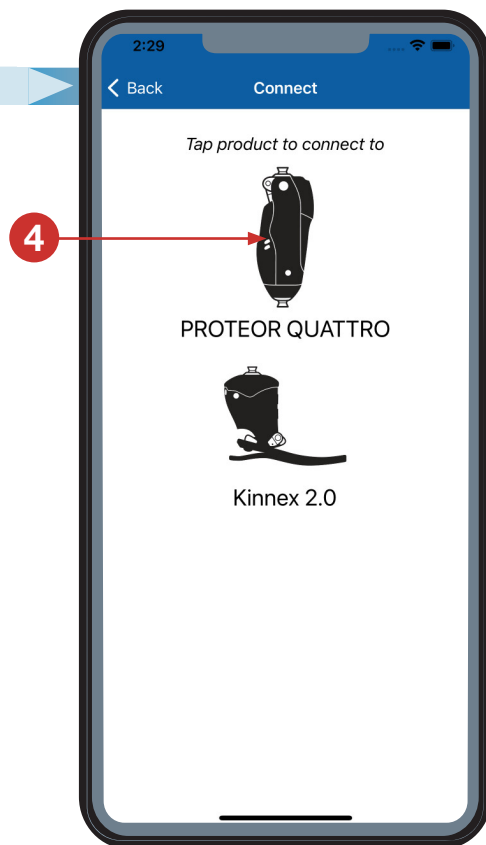
The QUATTRO knee ships in **Storage Mode**. The knee will not perform (or wake) until it is plugged into a power supply.

To wake the knee:

1. Insert the cable or charged booster battery pack into the charger port.
2. Insert the charger into a power source.



Connect

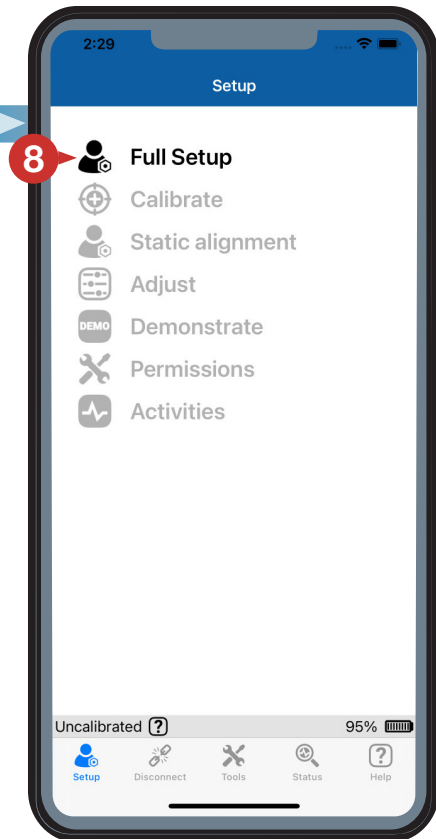


IMPORTANT!

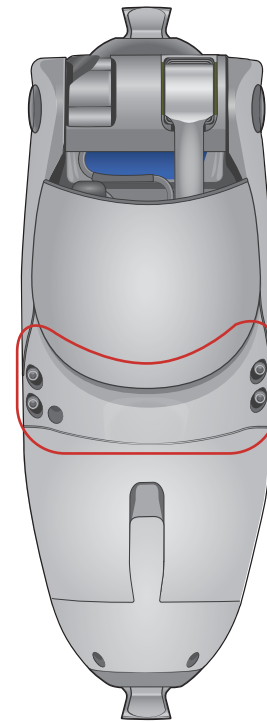
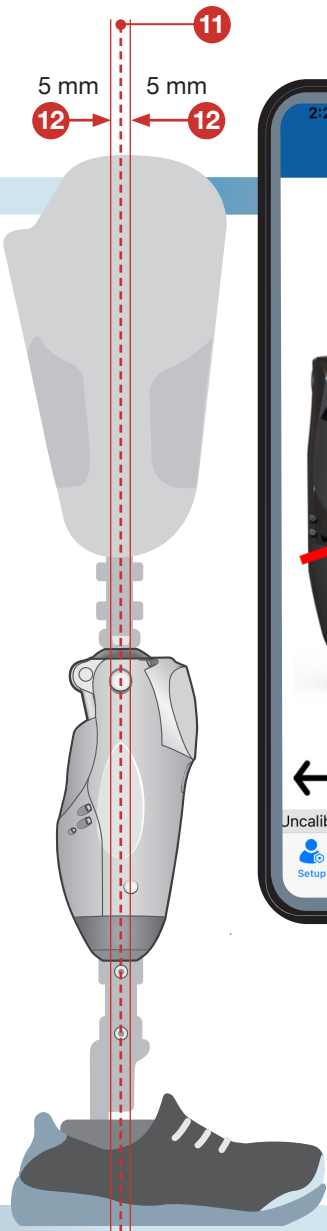
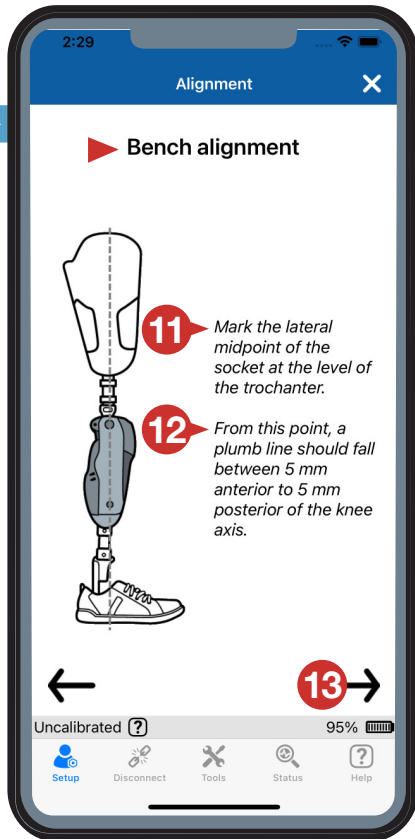
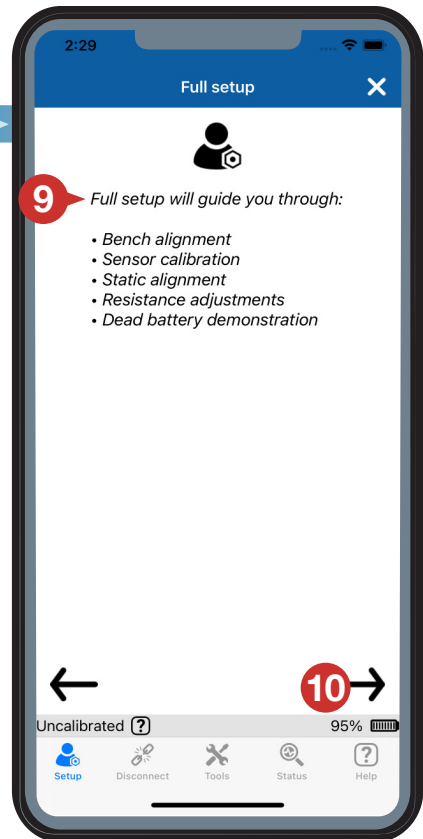
- Do not leave the knee unattended. The battery will discharge when idle.
- To save battery life, place the knee in **Storage Mode** by pressing and holding both the **Change Mode** and **Wireless** buttons until they flash red, white, and blue
- Ensure you have the proper power source to wake the knee before putting the knee into **Storage Mode**.

3 QUATTRO FULL SETUP

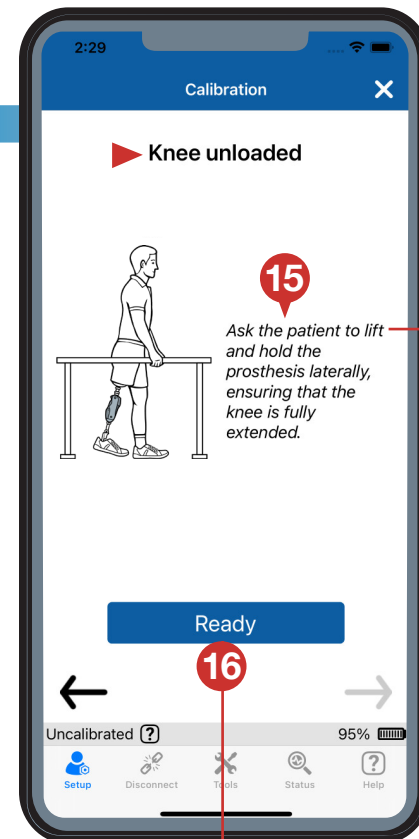
Setup



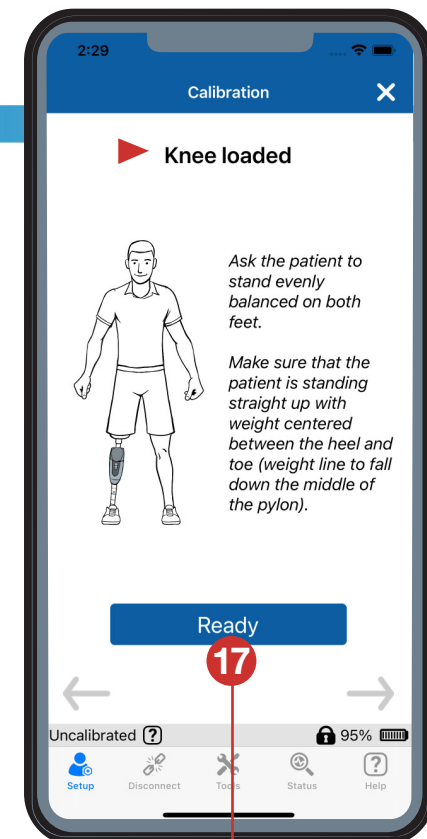
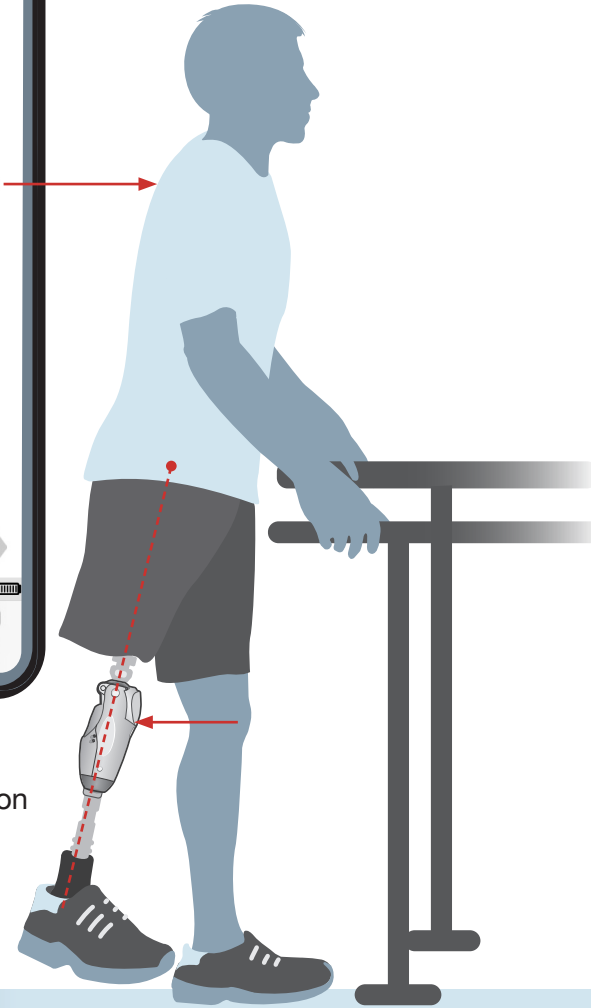
Alignment



Calibration



Press Ready after the patient is in position



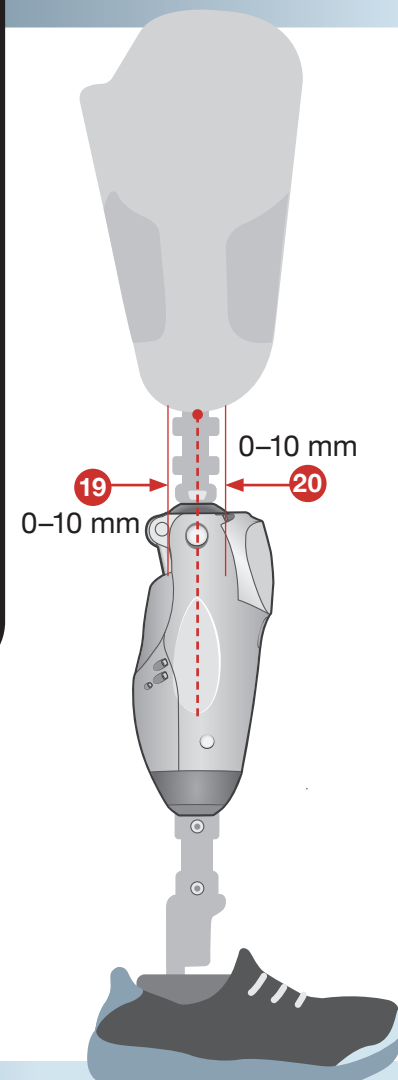
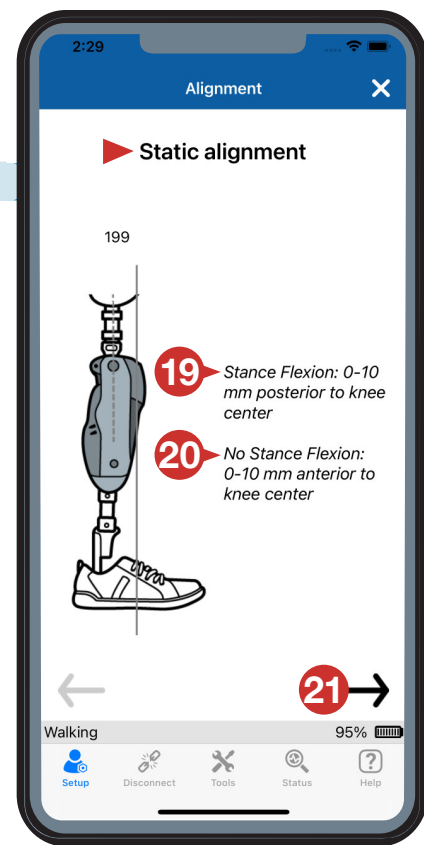
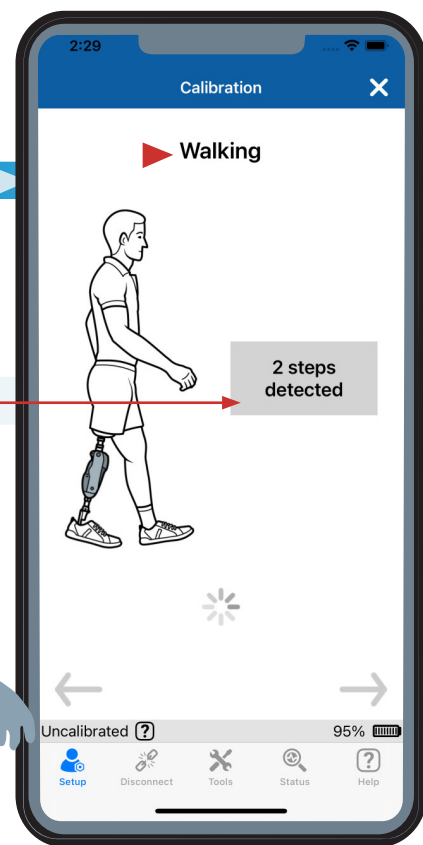
Press Ready after the patient is in position



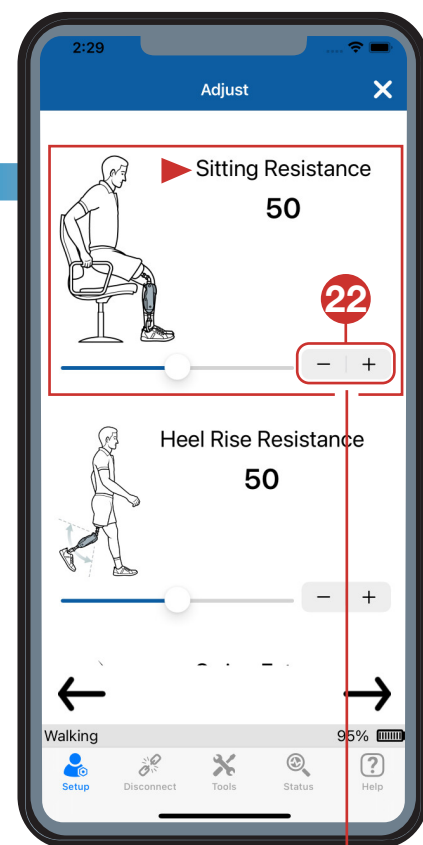
Alignment



Press **Ready** before the patient begins to take steps

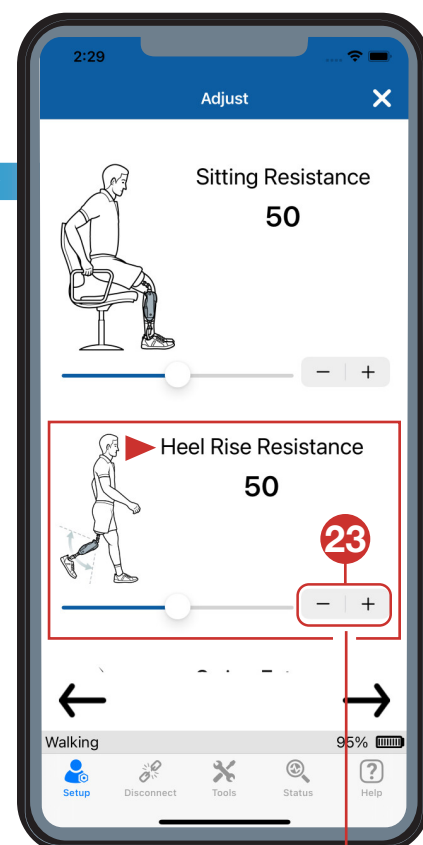
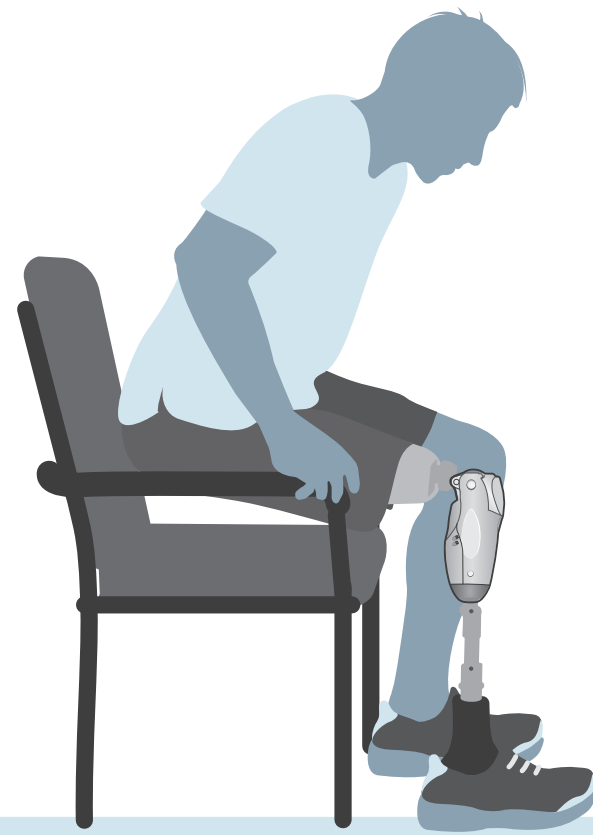


Adjust



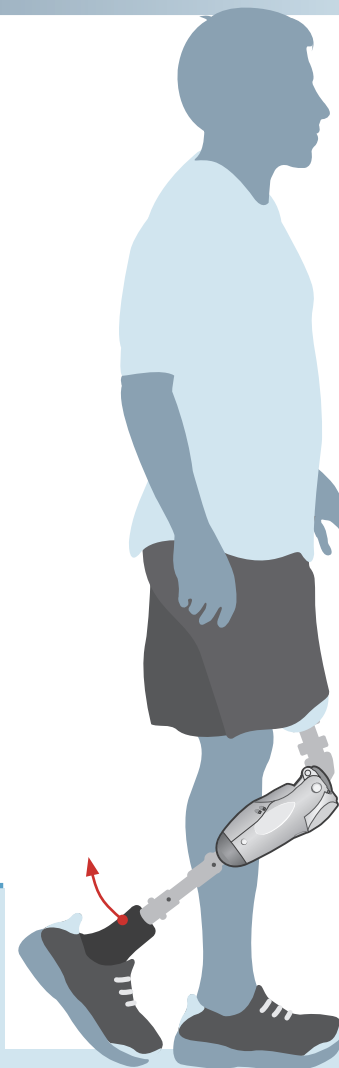
- When delayed due to high resistance
- + When rapid due to low resistance

Provides flexion resistance while **sitting**.



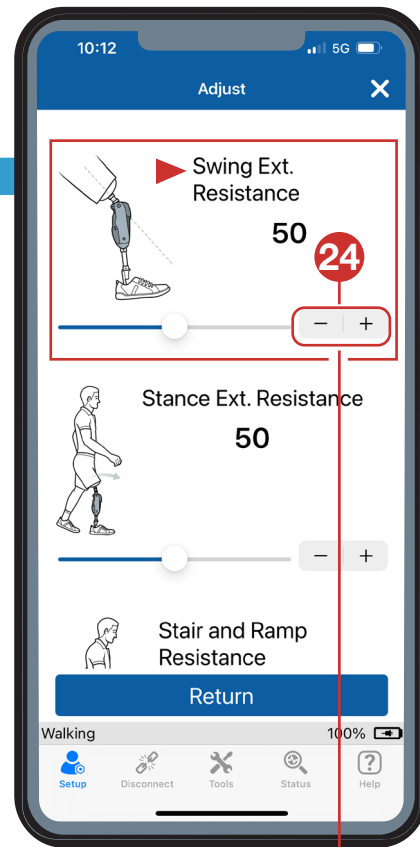
- Increases heel rise
- + Decreases heel rise

Controls **heel rise** resistance.



TIP!

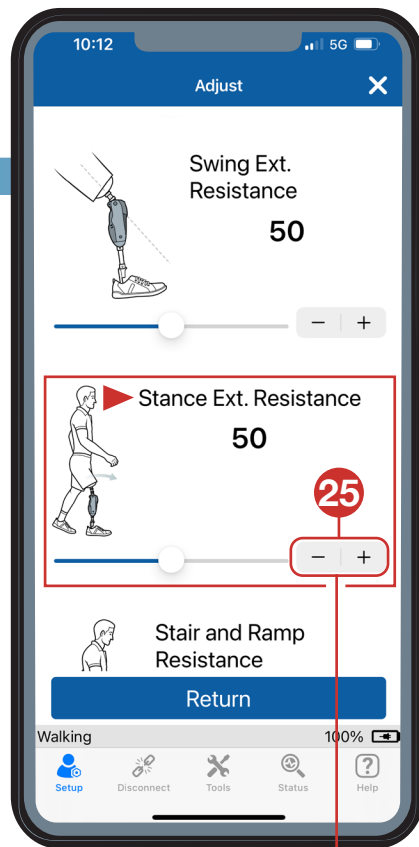
Scroll down for additional adjustments



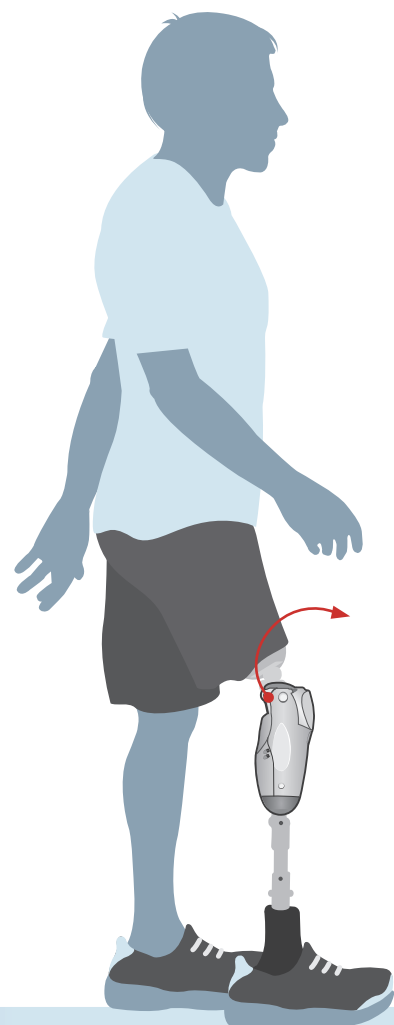
Controls **swing extension resistance**.



- To decrease resistance
- + To increase resistance

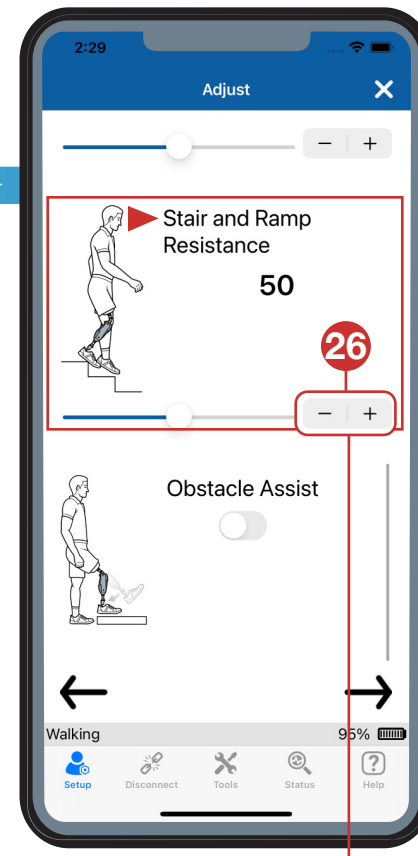


Controls **stance extension resistance**.

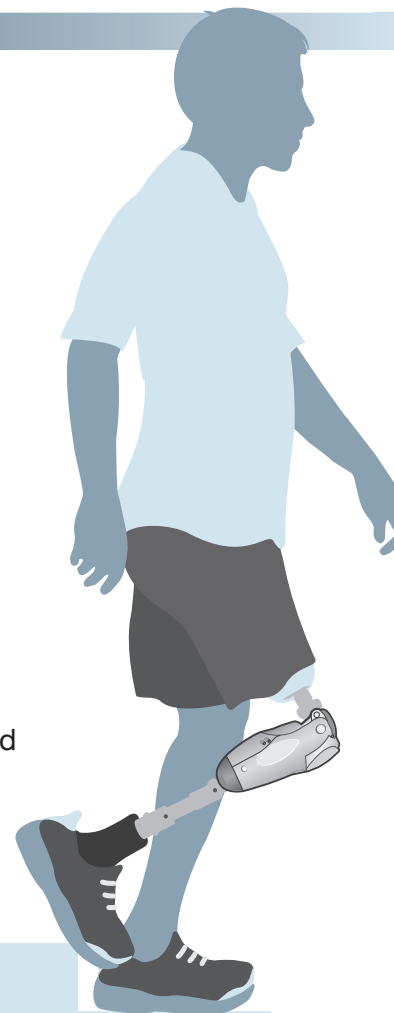


- To decrease resistance
- + To increase resistance

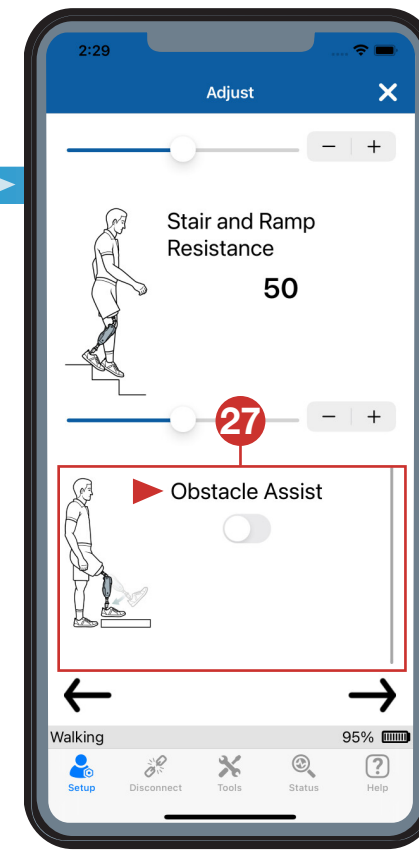
NOTE
Only adjusted when walking with **Stance Flexion**.



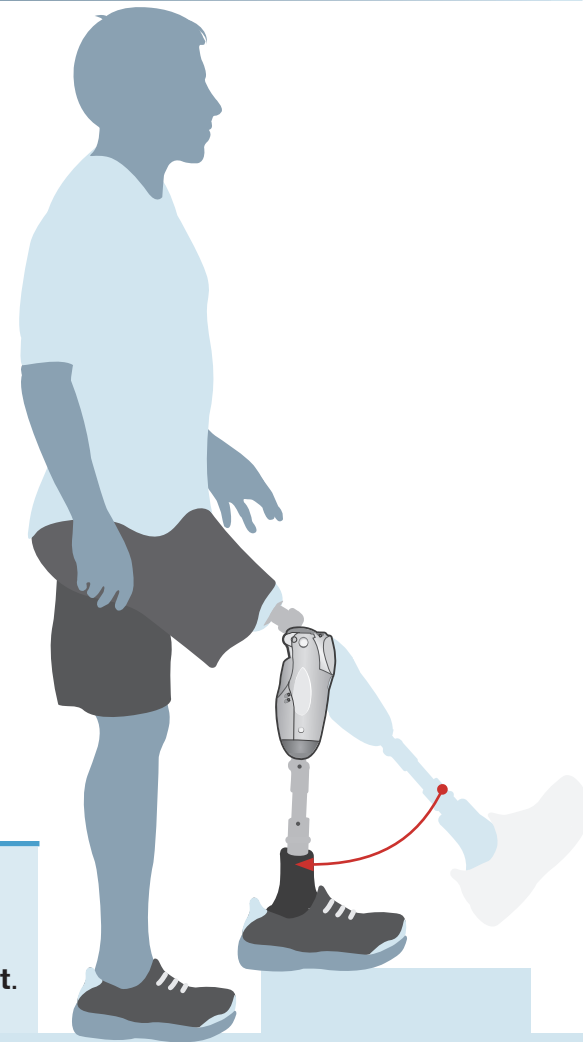
Provides independent resistance for **stair and ramp decent**.



- When knee flexion is delayed due to high resistance
- + When knee flexion is rapid due to low resistance



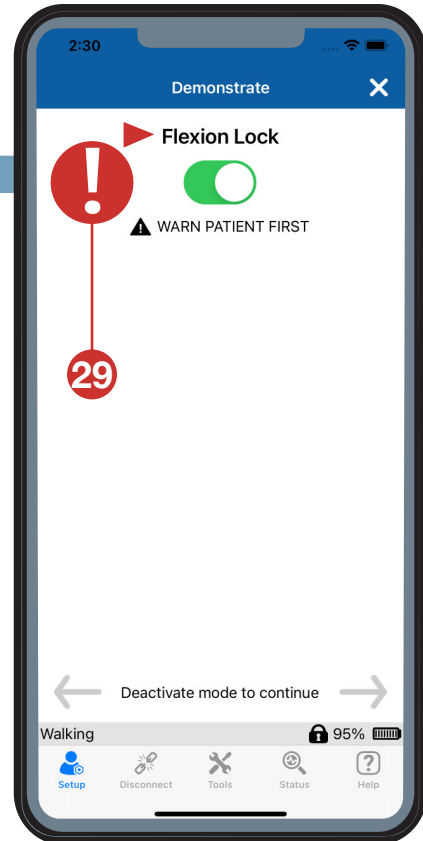
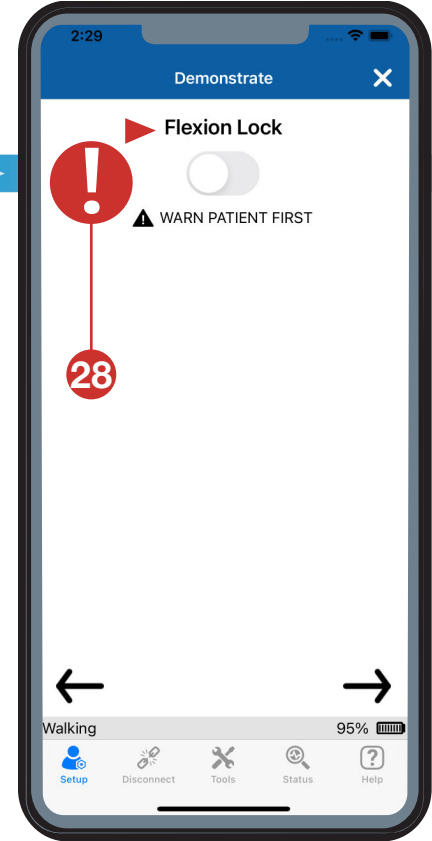
Provides help encountering an **obstacle**.



NOTE
If **Sitting Mode** is turned off, it will also disable **Obstacle Assist**.

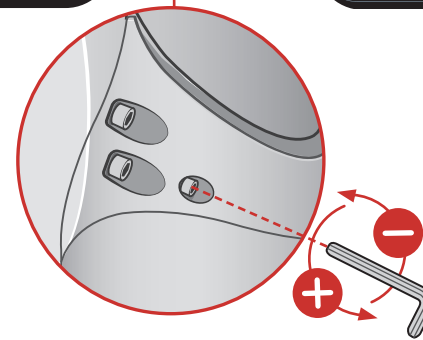
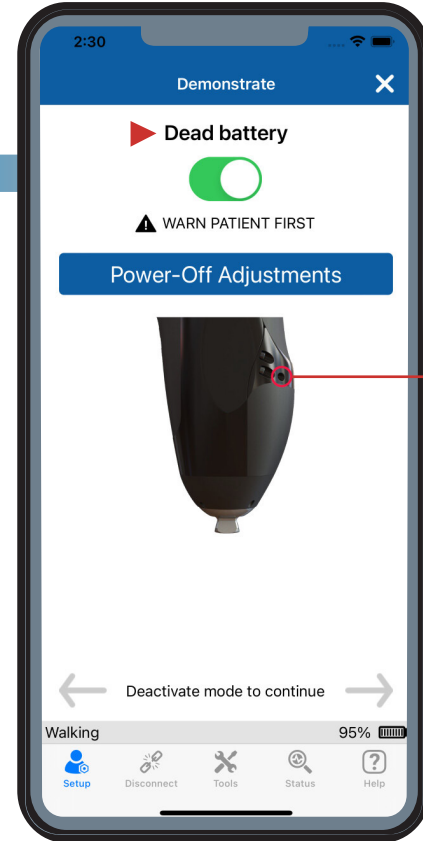
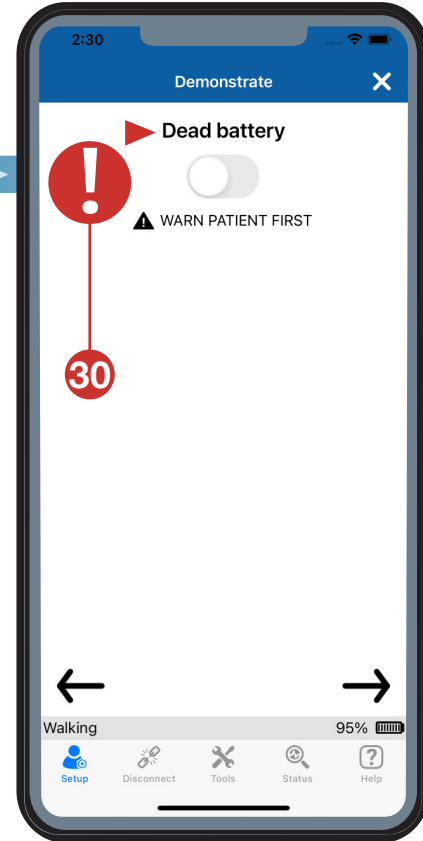
Demonstrate

When the **Flexion Lock** is engaged, it blocks flexion but allows ratcheting up to full extension.

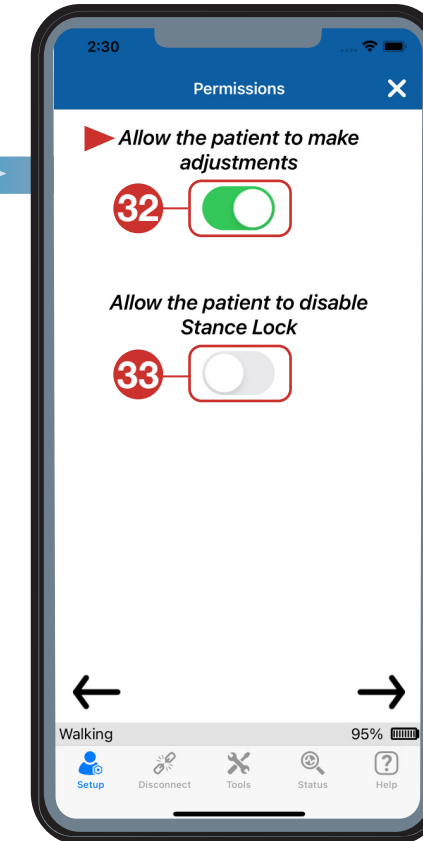


Demonstrate and Adjust

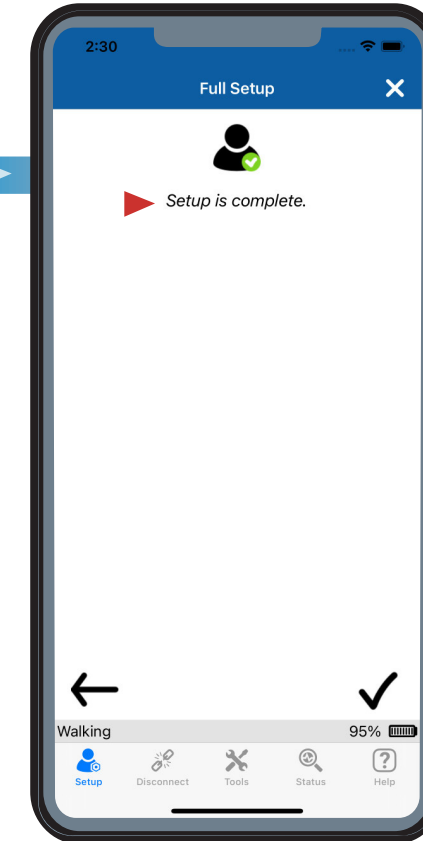
Perform resistance adjustments using a fully discharged battery.



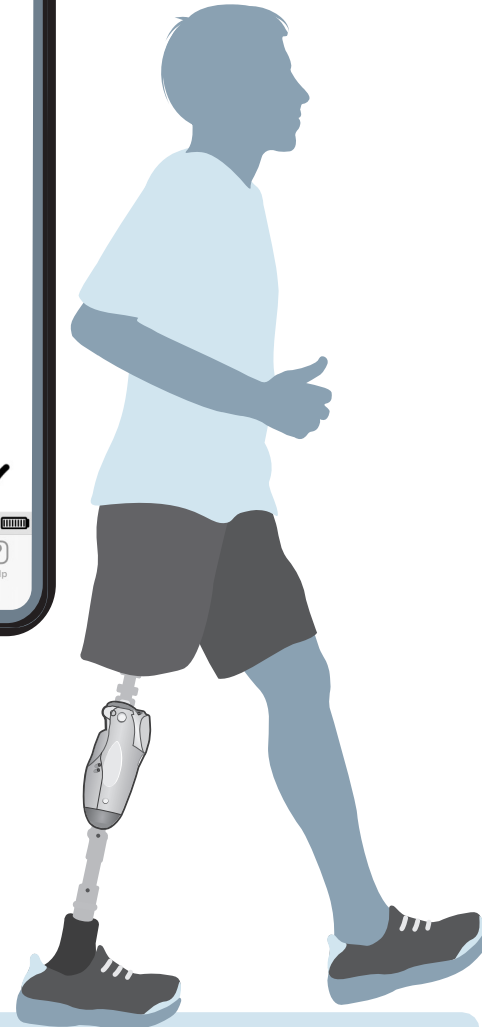
Permissions



Full Setup



Setup Complete



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Scan for
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Full setup video



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