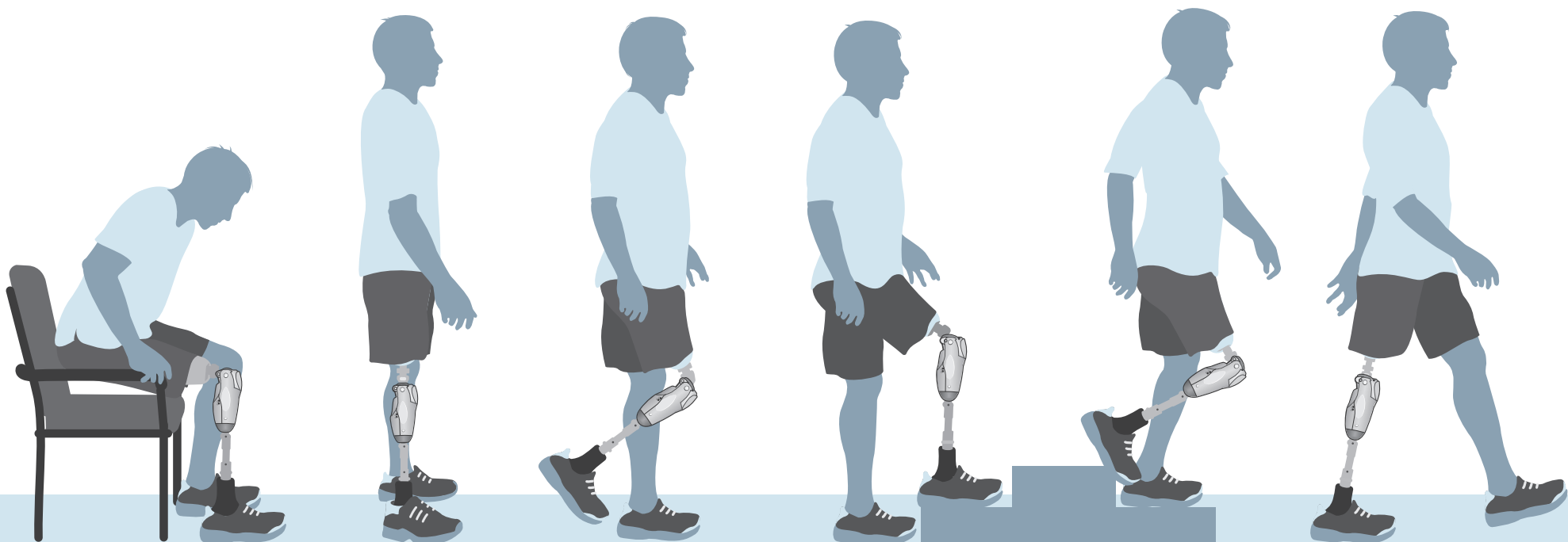


PROTEOR  
**QUATTRO**<sup>™</sup>  
MICROPROCESSOR KNEE

# QUICK START GUIDE

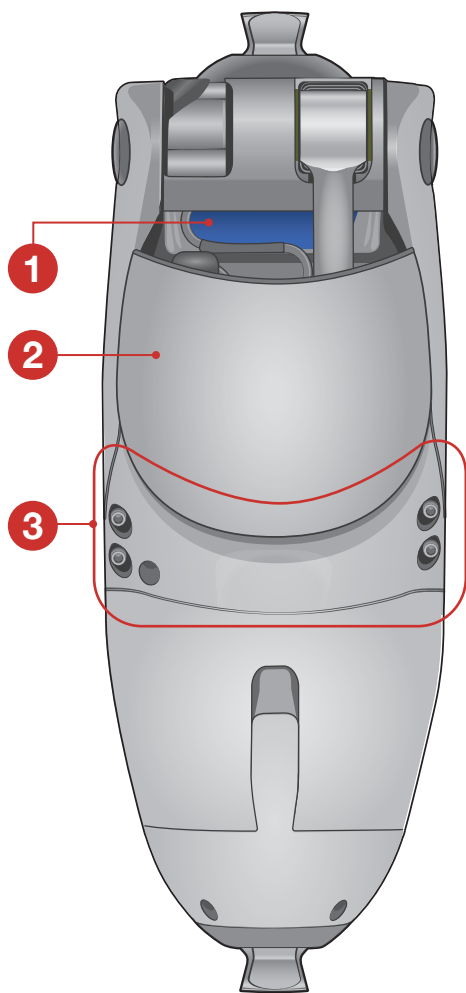
Clinician Full Setup



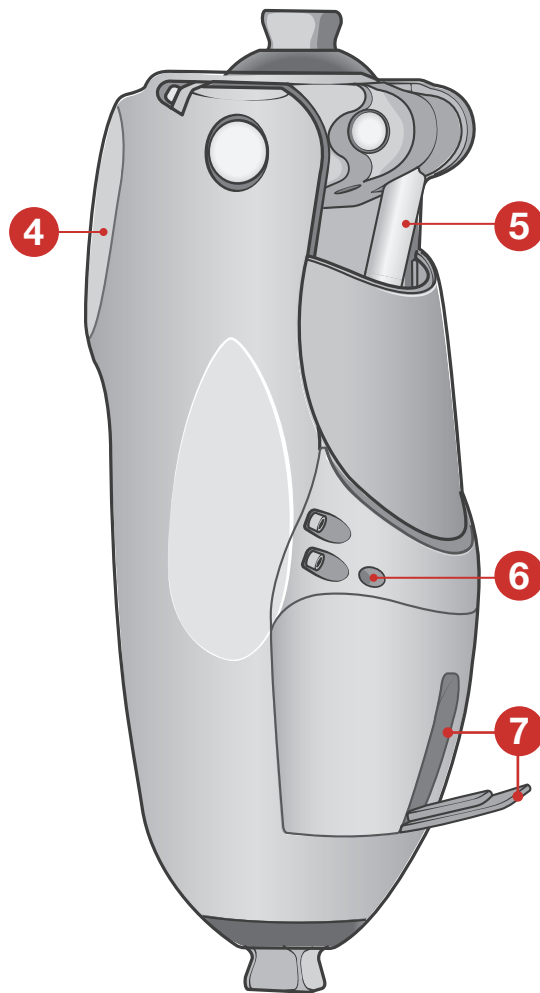
# 1

# PROTEOR QUATTRO™

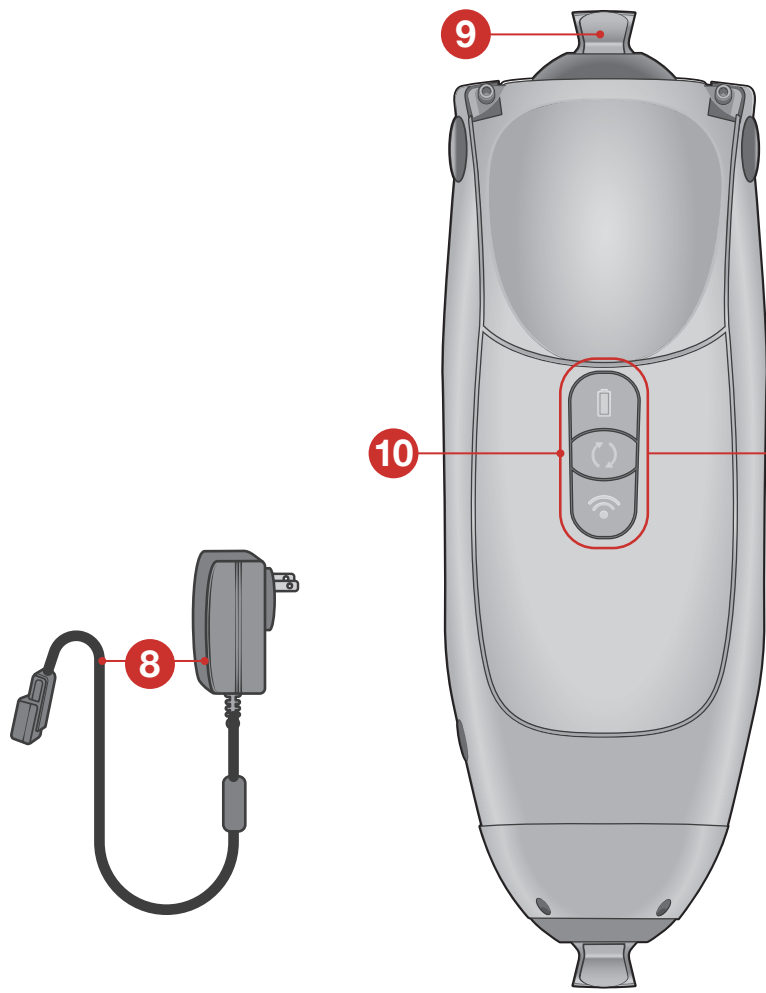
## Microprocessor Knee



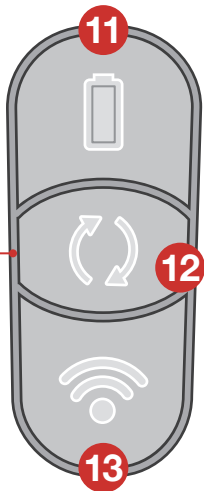
- 1. Flexion angle limiter
- 2. Flexible back cover
- 3. Rear brace





- 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
<b>11 Battery Status</b> 	Fully charged	51–100%	●
	Charged	21%–50%	((●))
	Low	11–20%	●
	Very low	1–10%	((●))
	Knee reboot	Hold 6 seconds	((●)) ((●))

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

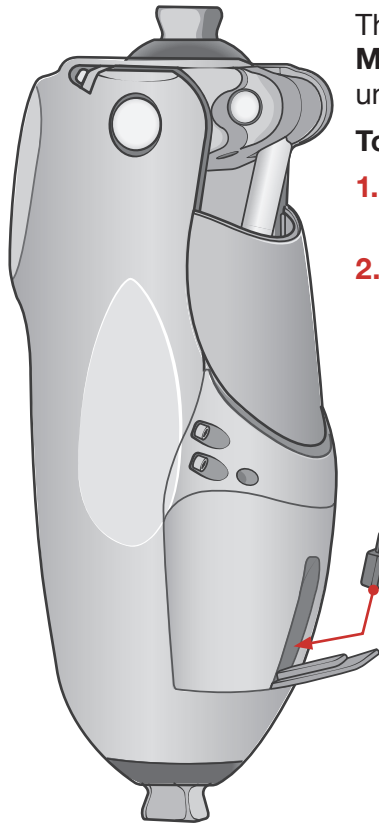
Button	Function	Description	LED description
<b>13 Wireless</b> 	Pair with knee	Pairs with devices	None

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

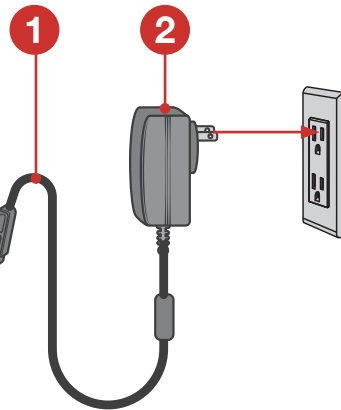
### Wake the knee



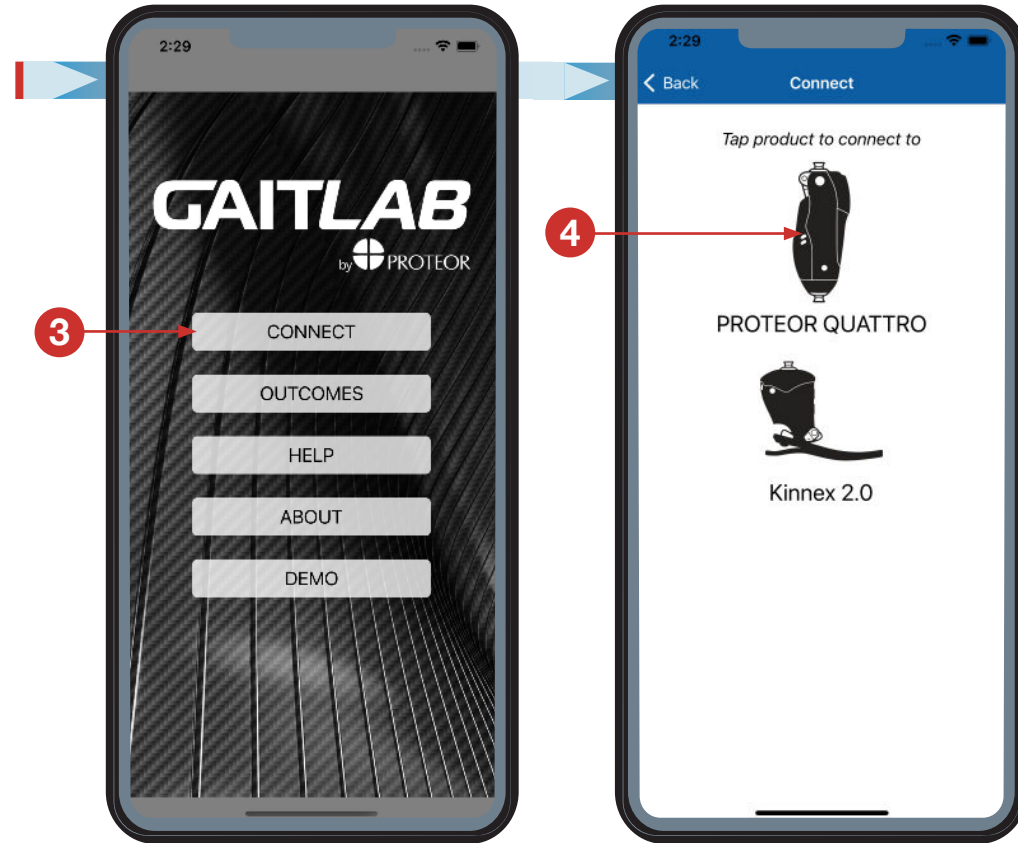
The QUATTRO knee ships in **Storage Mode**. The knee will not perform (or wake) until it is plugged into a power supply.

#### 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.



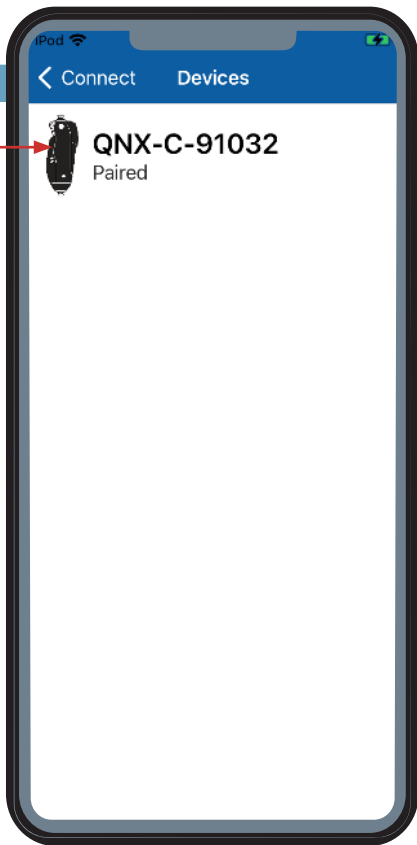
### Connect



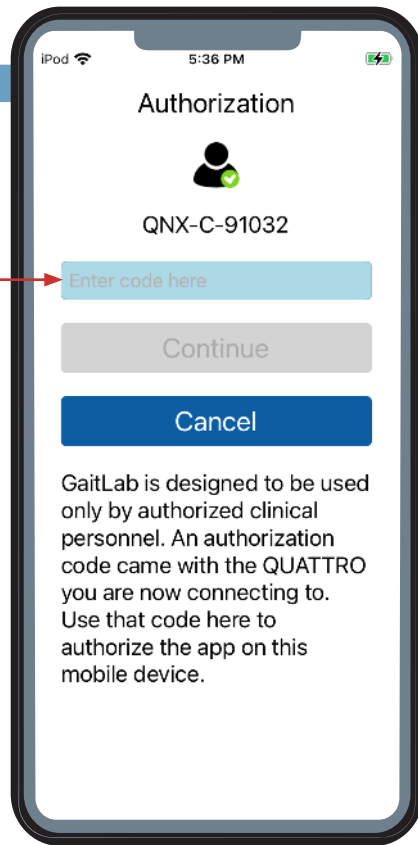
### IMPORTANT!

- 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**.

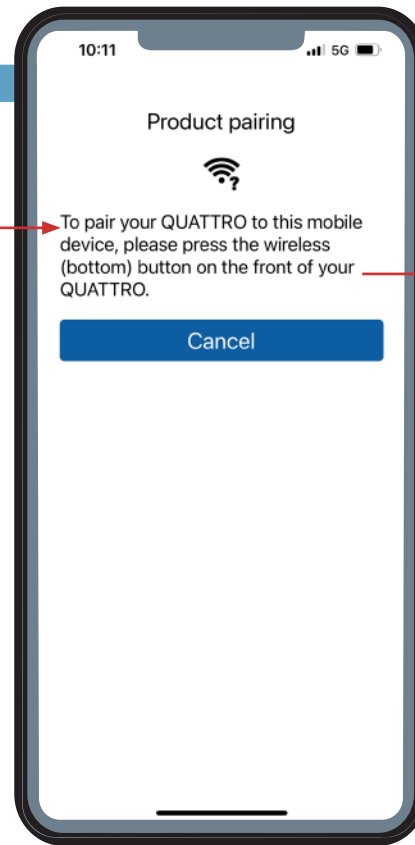
5



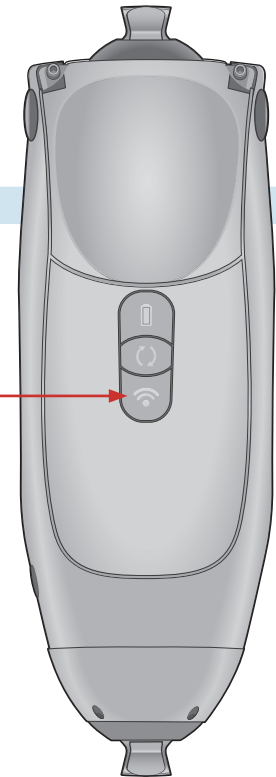
6



7

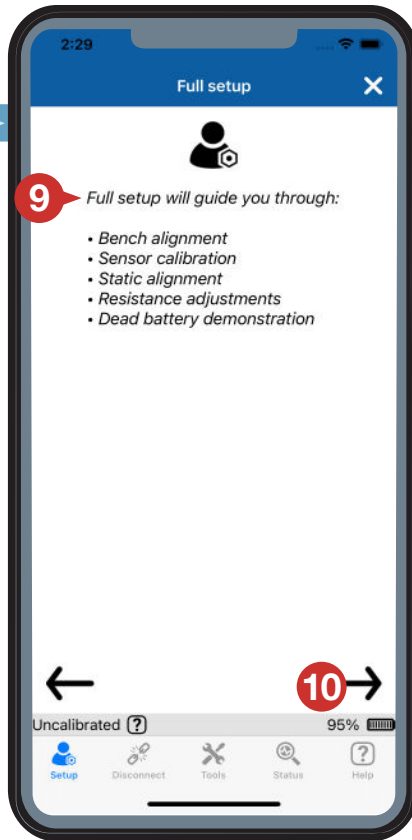
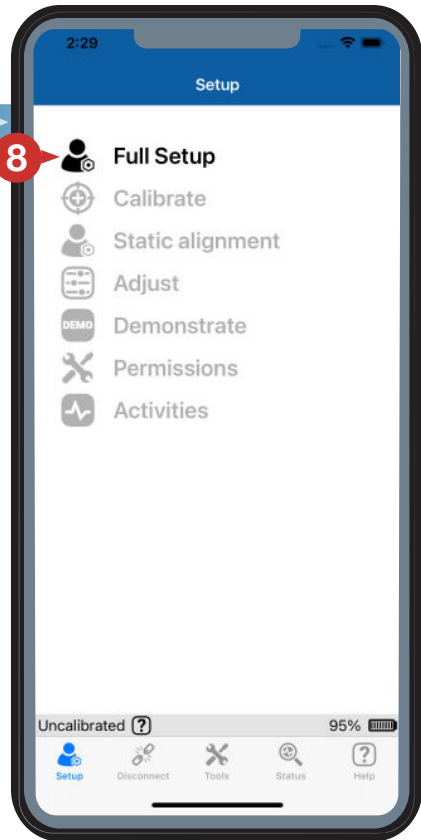


To pair your QUATTRO to this mobile device, please press the wireless (bottom) button on the front of your QUATTRO.

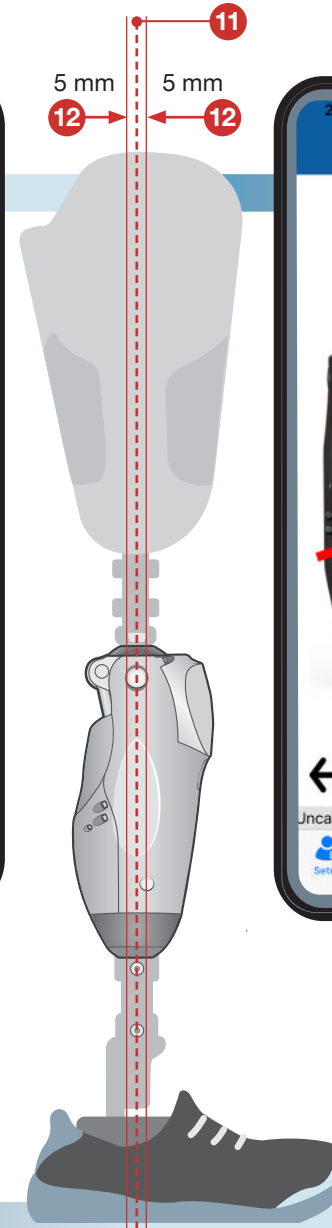
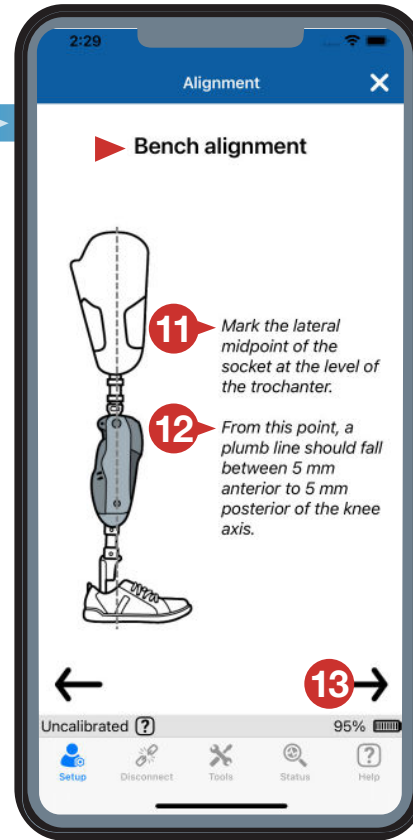


# 3 QUATTRO FULL SETUP

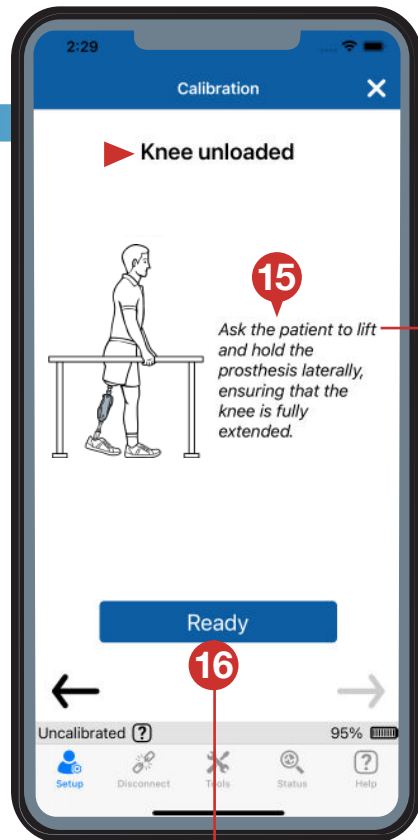
## Setup



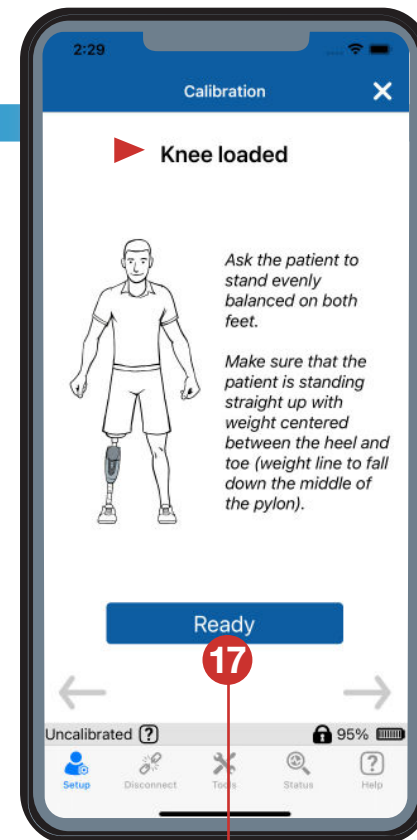
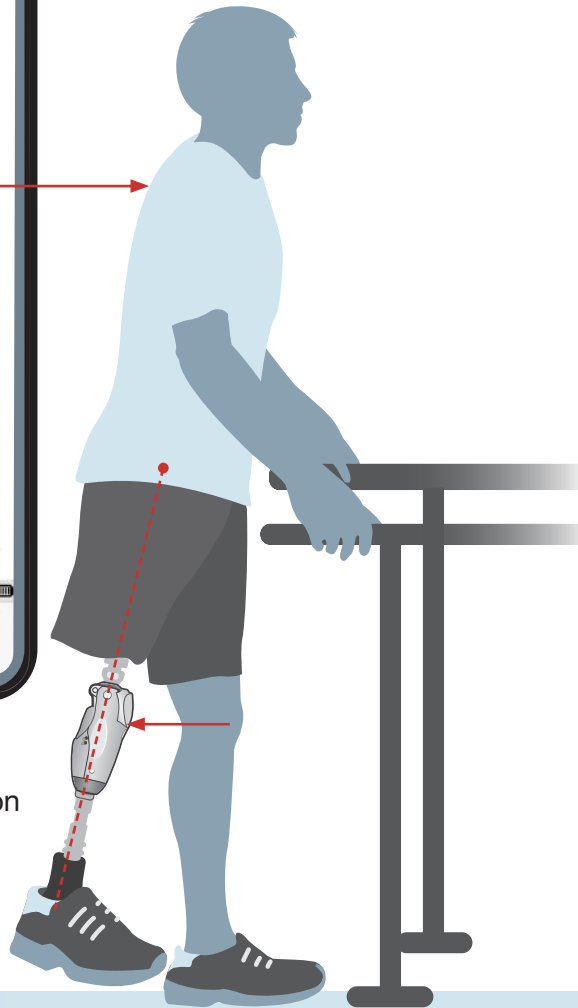
## Alignment



## Calibration



Press **Ready**  
after the patient is in position



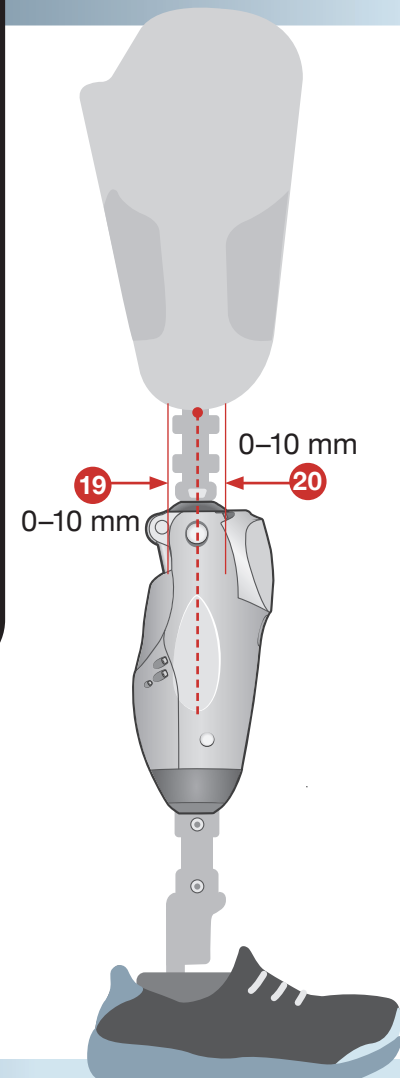
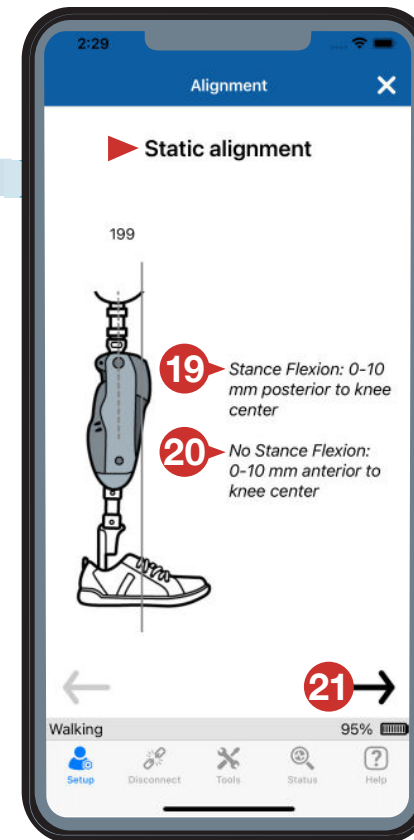
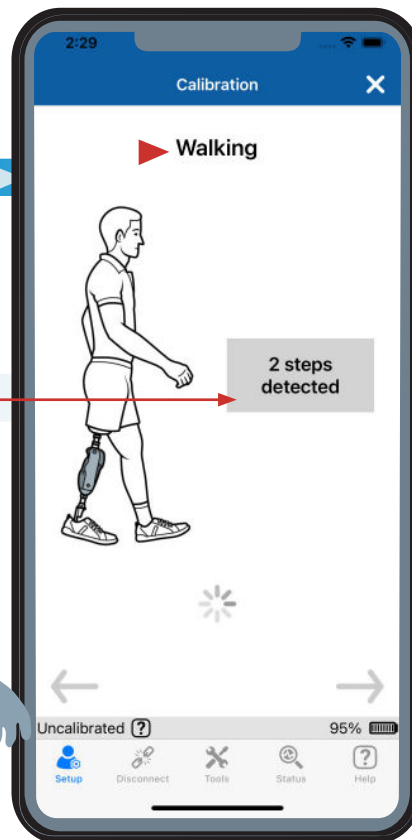
Press **Ready**  
after the patient is in position



# Alignment

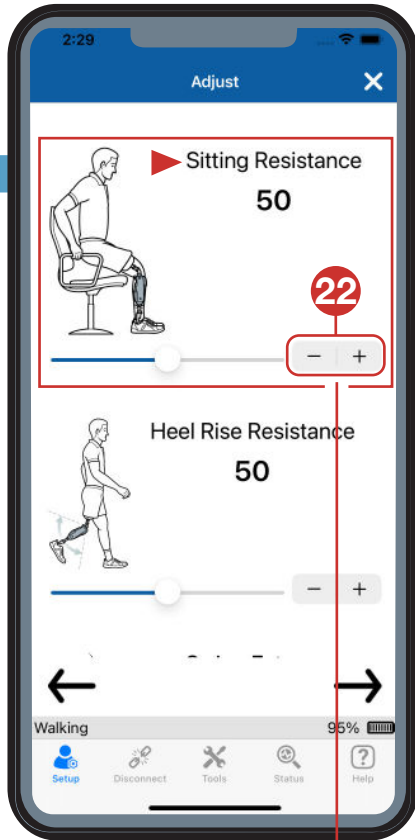


Press **Ready** before the patient begins to take steps

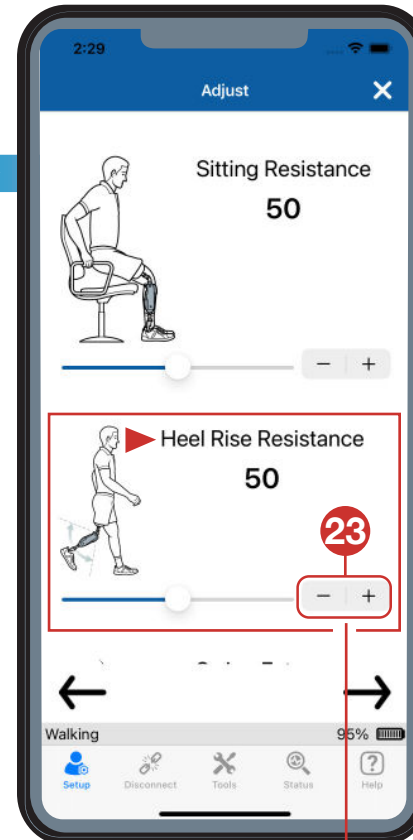
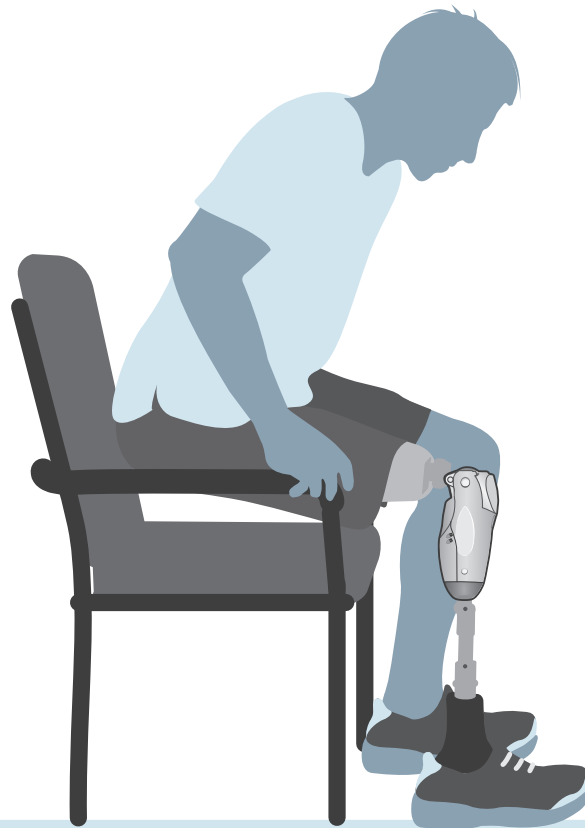




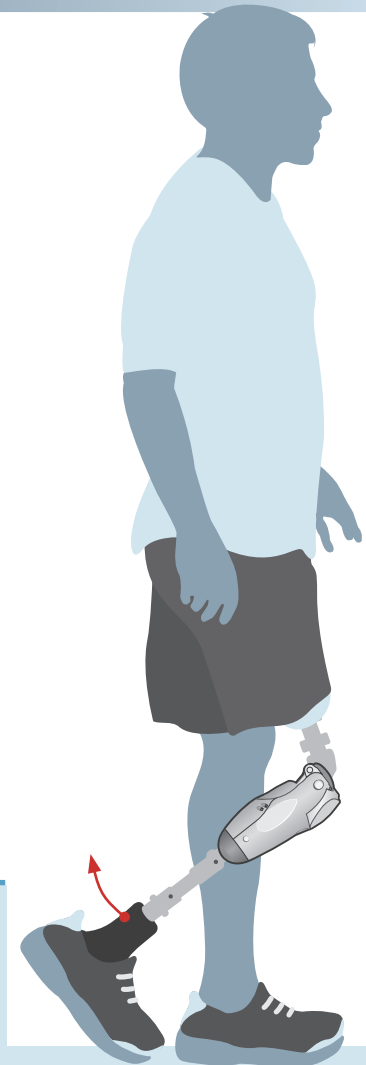
# Adjust



Provides flexion resistance while **sitting**.



Controls **heel rise** resistance.

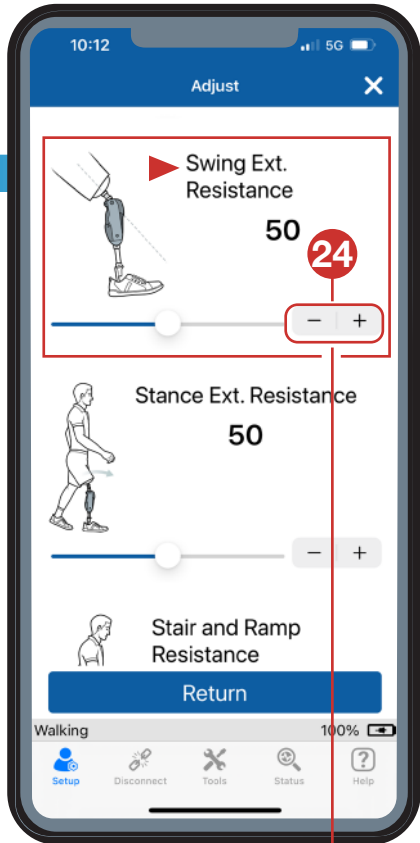


- When delayed due to high resistance
- + When rapid due to low resistance

- Increases heel rise
- + Decreases heel rise

## TIP!

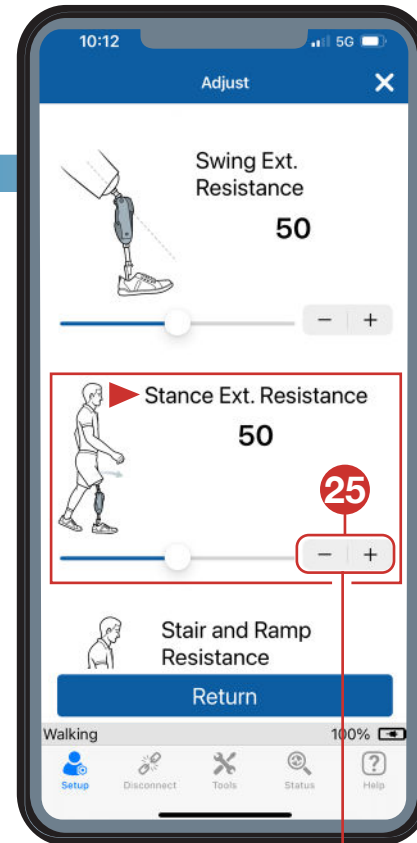
Scroll down for additional adjustments



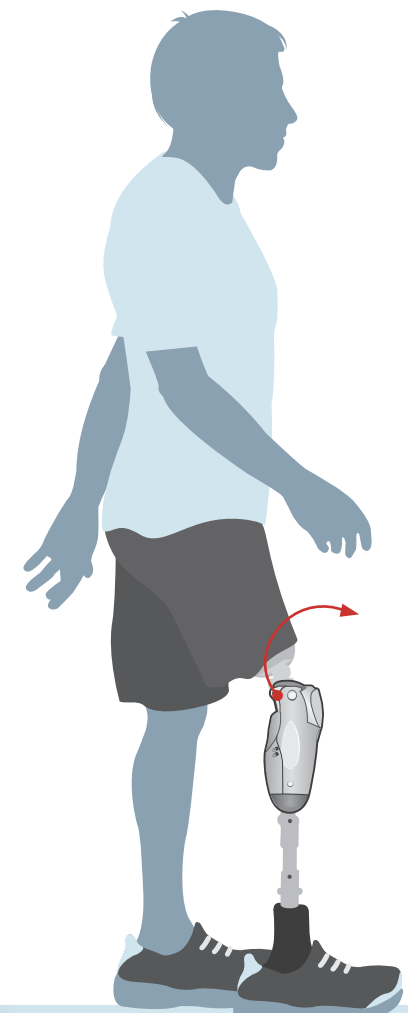
Controls **swing extension** resistance.



- To decrease resistance
- + To increase resistance



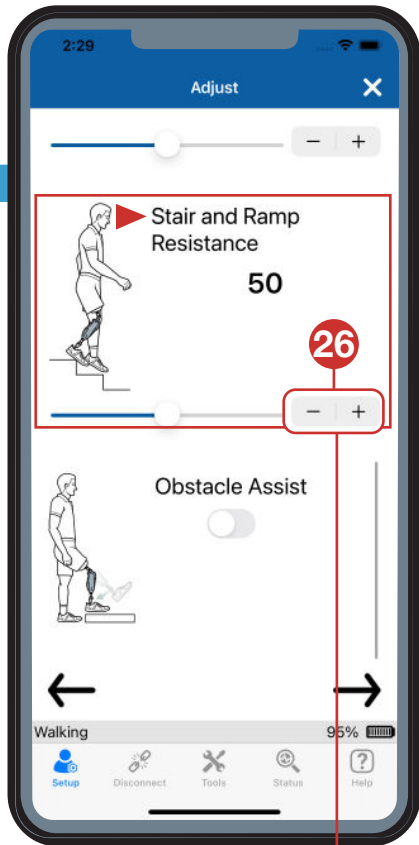
Controls **stance extension** resistance.



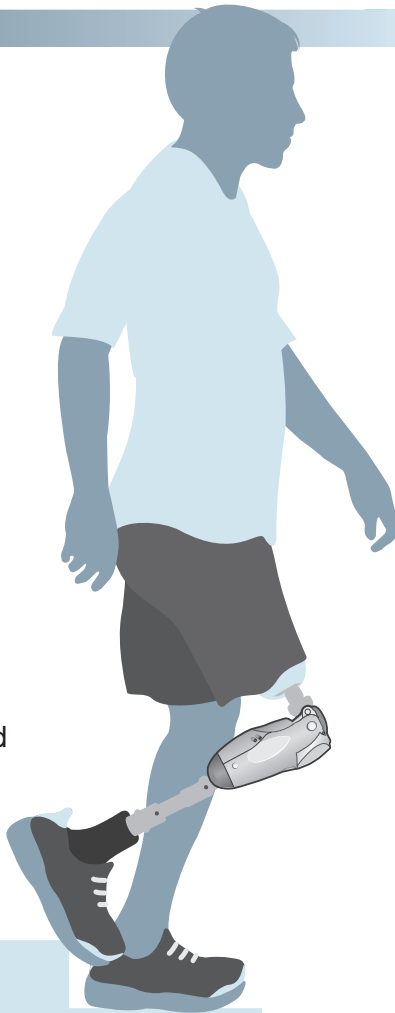
- To decrease resistance
- + To increase resistance

**NOTE**

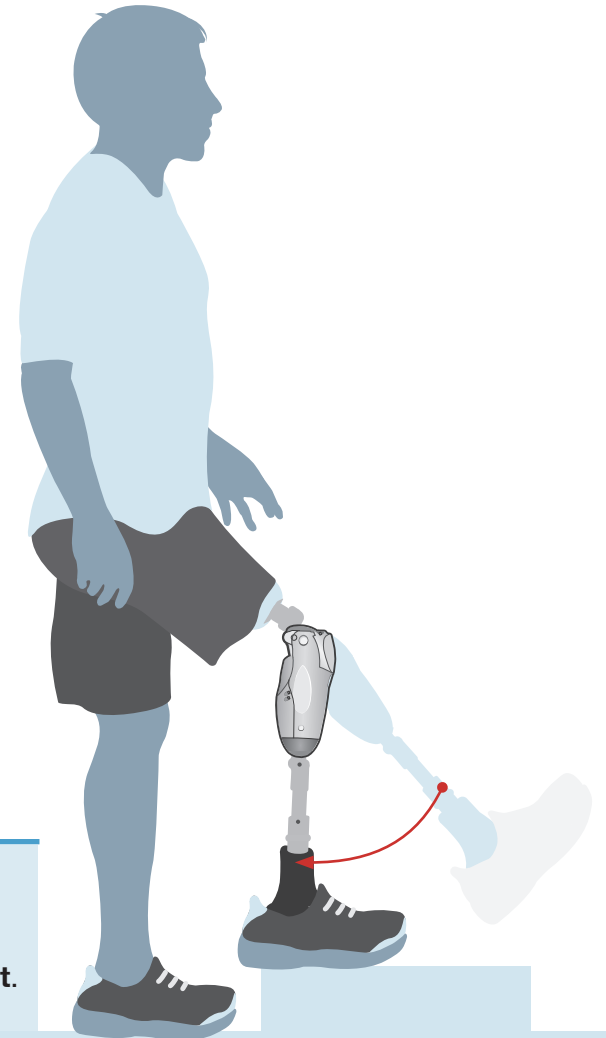
Only adjusted when walking with **Stance Flexion**.



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



Provides help encountering an **obstacle**.



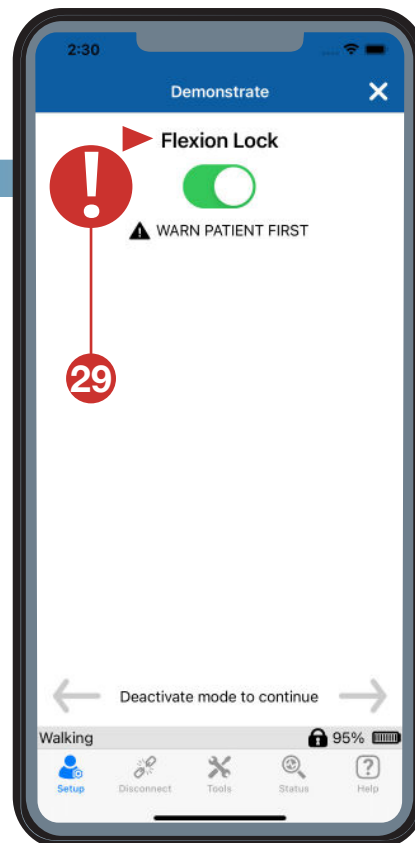
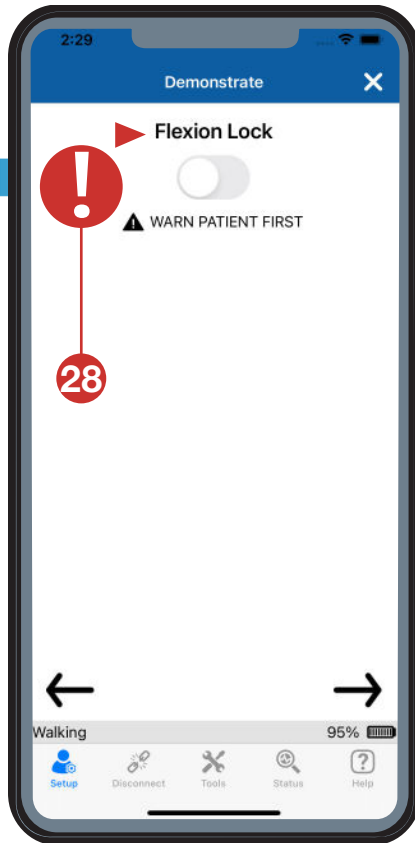
- When knee flexion is delayed due to high resistance
- + When knee flexion is rapid due to low resistance

**NOTE**

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

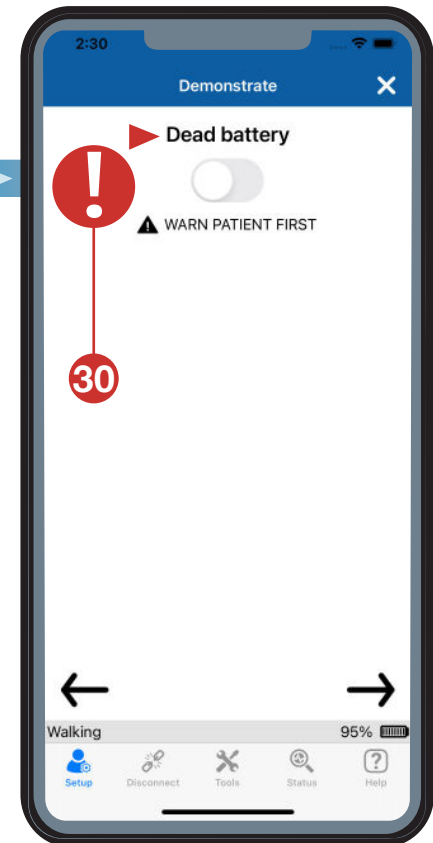
## Demonstrate

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



## Demonstrate and Adjust

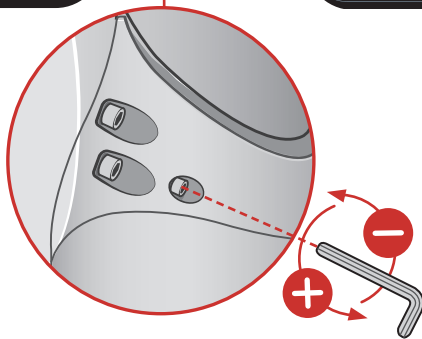
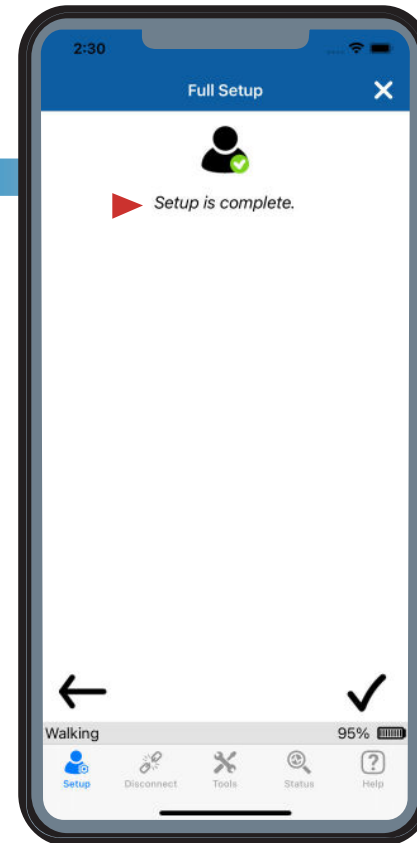
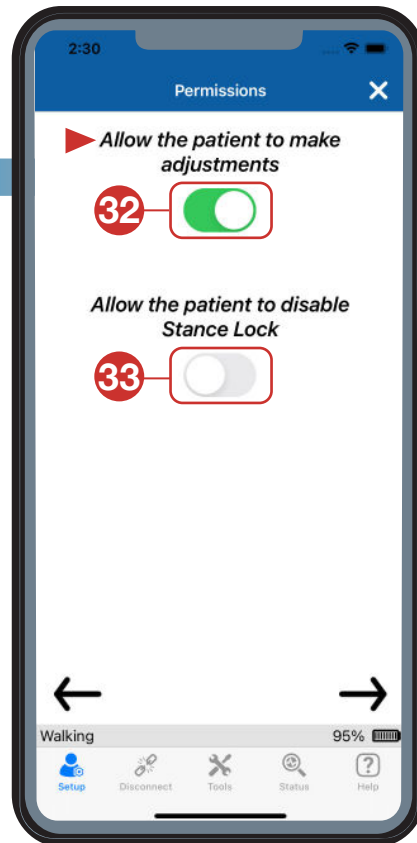
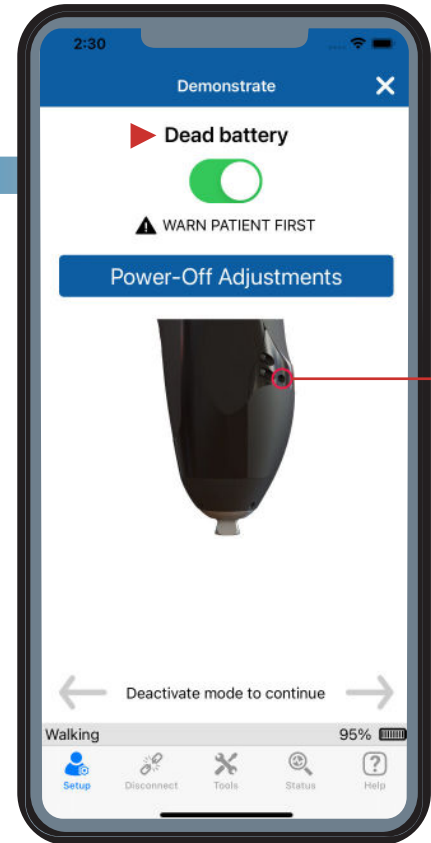
Perform resistance adjustments using a fully discharged battery.



## Permissions

## Full Setup

Setup Complete



PROTEOR  
**QUATTRO**<sup>™</sup>  
MICROPROCESSOR KNEE

Scan for  
QUATTRO  
Full setup video



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