Warranty and Service

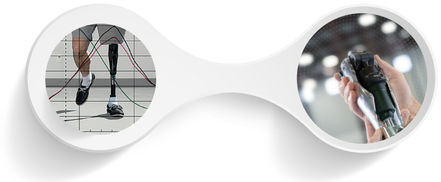
The Plié 3 MPC Knee has a 36 month warranty and includes two service intervals, 12 and 24 months after purchase. Service is required to maintain warranty validity. Your prosthetist will contact you to schedule an appointment when it is time to receive knee service. You will be provided with a loaner knee unit while your knee receives service.

Care & Use

The Plié 3 MPC Knee is safe for occasional submersion in fresh water up to 1 m (3 ft) for up to 30 minutes. You should dry the knee with a towel once out of the water. The Plié 3 MPC Knee should not be immersed in saltwater or chlorinated water as these may cause corrosion. Failure to comply will void the warranty.

If unintentionally exposed to chlorinated and/or salt water environments, the knee should be rinsed with fresh water. While the Plié 3 MPC Knee withstands moist environments, excessive use in wet conditions may result in corrosion and/or undesirable operational noise. If the knee requires general cleaning, wipe the outside surfaces with a cloth and rubbing alcohol. For further information about how to care for you Plié 3 MPC knee, please contact your prosthetis.

If the Plié 3 MPC Knee is physically damaged or does not function properly, immediately contact your prosthetist.



Focused Solutions

PROTEOR is solely focused on developing world-class lower limb solutions in close collaboration with amputees and prosthetists. These solutions encompass technological innovations, service, training and educational resources, together with consultative support, to help ensure user satisfaction

- High elevations and cold temperatures will affect the knee's internal air pressure. In these conditions, you may be required to increase the air pressure to resume normal function.
- Without power, the Plié 3 MPC Knee will not release into swing phase. In this powered-down mode, the knee will default to the stance flexion resistance setting. Insert a charged battery to resume normal knee function.
- Use only the batteries and battery charger intended for use with the Plié 3 MPC Knee.
- During repetitive activities without swing phase, such as the use of exercise equipment, turn the stance flexion resistance setting counterclockwise to the "Off" position with a 4 mm allen key. After the activity, adjust the stance flexion resistance to its previous setting.

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PROTEOR



PLIÉ 3
MICROPROCESSOR KNEE

Owner's Guide

PROTEOR





Battery Cap Closed

Charging Batteries

For optimal performance, alternate batteries every day. To charge, align the **red** dot on the battery with the **red** dot on the charger.

The Status LED will illuminate **red** if the charger has power. The Charge LED will illuminate **red**, indicating the battery is charging. When the battery is completely charged, the LED will illuminate **green**. If the Charge LED stays **red** for more than four hours, this indicates that the battery is either damaged or worn out. The temperature of the battery should be kept between 8 °C to 38 °C (46 °F to 100 °F) while charging. If the temperature goes outside this range, the Charge LED will shutoff indicating that charging was stopped before the battery was fully charged.

Inserting Batteries

1. To Open: Press down latch. The cap will spring open.

2. Insert the battery, aligning the **red** dots. Be sure to properly fold down the top portion of the battery label to ensure water tightness. Also, be sure the gasket on the bottom side of the cap is clean and free from dirt and debris.

3. Close the battery compartment by pressing firmly on the entire cap until latch engages.



Adjustment of Swing Extension Assist and Heel Rise

The Plié® 3 MPC Knee controls swing flexion in two ways:

1. The air bladder limits heel rise in slow walking, but its primary purpose is to provide swing extension assist at all walking speeds.

2. Maximum heel rise is controlled by the microprocessor. Maximum heel rise is determined during the programming process with the Set Up Wizard. Correct inflation of the air bladder and optimization of maximum heel rise allows the user to walk comfortably with varying cadences. Higher air pressure in the cylinder will provide added extension assist, lowering the pressure will decrease the amount of extension assist. To ensure the knee provides appropriate extension assist, periodically check the air pressure and add as needed.

To check the air pressure in the hydraulic cylinder, remove the valve plug, attach the air pump by gently inserting the tip of the adapter into the port. Push the pump adapter tip gently and firmly into the port, it will stop when fully inserted. Using the air pump, increase the air pressure to the value recommended by your prosthetist. If you add too much air pressure, it can be decreased by pressing the air pump relief valve under the gauge on the pump.

The knee should be used with the air pressure between 20 and 100 psi (140 to 690 kPa). Remove the air pump by pulling the the tip out of the port. You may hear a *FFFT* sound, this is residual air escaping the pump hose. This is normal - no air is lost from the Knee. Insert the air plug, pushing firmly and gently until it bottoms out.

The pump's pressure gauge always indicates the air pressure inside the knee. However, when the air pump is connected, about ½ of the pressure in the knee will flow into the pump, and the pump gauge will read ½ of what was in the knee. For example, if the pump's gauge indicates 15 psi at the time it is connected to the knee, the knee had about 30 psi of air pressure before connecting the pump. Air pressure in the knee does not drop when the air pump is disconnected. For example, if the pump's gauge indicates 30 psi before it is disconnected, the knee will still have 30 psi of air pressure after disconnecting the pump. When the air pump is removed from the knee, a sound of air leaking may be heard. This sound is air expelling from the pump hose to the atmosphere.

Except when adjusting the air pressure, the air cap should remain inserted. The air cap prevents lint and other debris from contaminating the air valve.