

THE MEDICAL USE OF CUSTOM KNEE ORTHOSES

Össur is the trusted name when it comes to custom knee orthoses and assisting patients with difficult and unstable knees. With 50 years of proven history, our aim is to allow patients to live a life without limitations.

Our CTi® Knee Braces were born from the athletic and high impact sports world, however, through development and due to the highly customisable nature of the devices we have found them to be effective at protecting and stabilising the most unstable and difficult knees.



WHO WE CAN HELP?

Patients with some knee extensor strength, but with unstable knees in any plane.

CTi knee orthoses can be used for patients who aren't suitable for surgery, or who need a functional brace post-surgery.

The CTi can be used for patients with extreme knee laxity, varus and valgus deformity, multi-ligament

instability, knees that are sensitive to touch or need protection from external forces.

We can also help patients with more typical presentations who wish to return to high impact and potentially higher risk sports or employment.

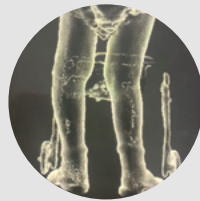
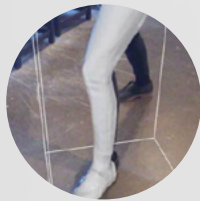
Please call your local Össur rep to discuss referrals and how we can assist your most difficult patients.

HOW WE DO IT

Össur custom manufacture our CTi braces after a careful measuring process using multiple measurements, photographs and 3D scans.

The shell designs are highly customisable to provide pressure reliefs for bony prominences or surgical fixations and can be customised to build in the desired level of varus and valgus correction.

The CTi can also be adjusted to prevent hyperextension.



FIT GUARANTEE AND LIFETIME WARRANTY

We guarantee all our Custom CTi Braces will fit the patient on arrival. If not we will remake it. Custom CTi Braces also come with a limited lifetime warranty covering for any defects in materials and workmanship of the brace frame and hinges for the lifetime of the patient that the brace was originally built for. This gives patients peace of mind when selecting an Ossur custom CTi.



THINGS TO CONSIDER

Moderate to good skin integrity is preferred, depending on expected use, as is upper limb dexterity and cognitive function for applying and removing the brace.



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WWW.OSSUR.COM.AU

Össur ANZ
AU 1300 123 268 NZ 0800 369 524
FAX 61 3 9923 6866
anzbracing@ossur.com

