The albrecht Neuro Series incorporates a broad product portfolio to optimally support neurological patients.

Based on spring tension the CDS® products can be used as a therapeutical tool or functional support.

**Areas of application CDS®**

**Contracture management**

The albrecht CDS® system is based on the principle of dynamic stretching. Unlike static fixation, the CDS® products slowly stretch contracted tissue with a controllable pull.

The CDS® hinges contain spring technology and are therefore dynamic and not static. Movement is possible so that blood circulation is encouraged and further contractures are prevented.

The option of movement while wearing the orthosis is the key advantage of the CDS® products for patients with spastic contractures. When a spasm occurs the patient can move in the brace and is gently returned into a stretch afterwards.

**Functional support**

To support mobility in case of muscular weaknesses, the CDS® products can be used functionally. Depending on the case the orthosis can either encourage a forward or backward movement of the leg to assist walking.
In 2017 we introduced a new addition to our NEURO series the **Manusan**, a versatile hand orthoses.

The Manusan is characterised by individually adjustable finger elements, that can be quickly fitted for the patient.

Starting now the Manusan has been optimised for the neurological patient.

- Two-shell lower arm fixture for better fit
- Additional strap over the palm for optimalen counterhold
- Finger caps with changed geometrie to safely lead the fingers
- Optimised fine adjustment for easier use
- Flexible thumb element for versatile use

For complicated contractures of the ankle the **CDS® Ankle Brace Neuro** offer a wide range of features.

A vacuum cushion allows the safe fixture of the foot without endangering the tissue. The foot plate can be adjusted for pronation or supination.

Starting now the CDS® Ankle Brace Neuro has been optimised for the neurological patient.

- Straight rods and soft cushion-strap system for the optimal bedding of thin shanks
- Optional hinge cover to protect the other leg
- Foot plate can be fixed in rotation or left free for movement