etac®
Creating Possibilities



R82®

R82 Addax

Empowering standing for children

Standing safely, growing strong

Standing activates the body in ways that sitting or lying down cannot. It engages a complex system of muscles, bones and joints to maintain balance and support weight.

For children with disabilities, standing upright may not come naturally. The Addax provides the necessary support to help these children stand safely and comfortably, unlocking a wide range of physical, mental and social benefits. The purposes of using a standing frame vary depending on the individual needs. A standing frame is typically designed to support a prone or supine standing position. It often provides support at the feet, knees, hips and trunk, enabling the child to remain upright in a weight-bearing position against gravity. Standing frames are commonly used to address or improve various physical aspects, such as enhancing bone strength, preventing tightness and contractures, maintaining lower extremity range of motion, reducing spasticity and supporting hip development.



Physical health and development

For typically developing children, standing upright allows for weight-bearing, which strengthens bones by applying gentle stress and pressure. This pressure prompts the body to build more bone tissue, increasing bone density and reducing the risk of fractures. Children who are unable to stand and bear weight do not naturally experience these benefits. However, supported standing can provide these children with opportunities for weight-bearing, potentially offering similar advantages to those experienced by their typically developing peers.



Additionally, standing upright for extended periods may help to reduce muscle tightness and contractures in the hips, knees and ankles, which can aid in maintaining lower extremity range of motion. Preserving range of motion supports other goals, such as enabling standing transfers, continuing weight-bearing to strengthen bones and minimizing asymmetries during lying and sitting positions. Addressing asymmetries is crucial, as they are linked to complications such as pain, windswept hips, and scoliosis.

Standing frames are also used to reduce spasticity or tone in the legs. They may positively influence head and trunk control and could potentially improve various functions, such as postural support, visual skills, upper limb coordination and oral motor skills. Supported standing provides stable trunk support, making fine motor tasks easier to perform and allowing children to engage in activities without focusing on maintaining balance and posture. Over time, consistent use of a standing frame may also enhance the child's overall ability to stand.

Learn more about standing

Benefits of standing

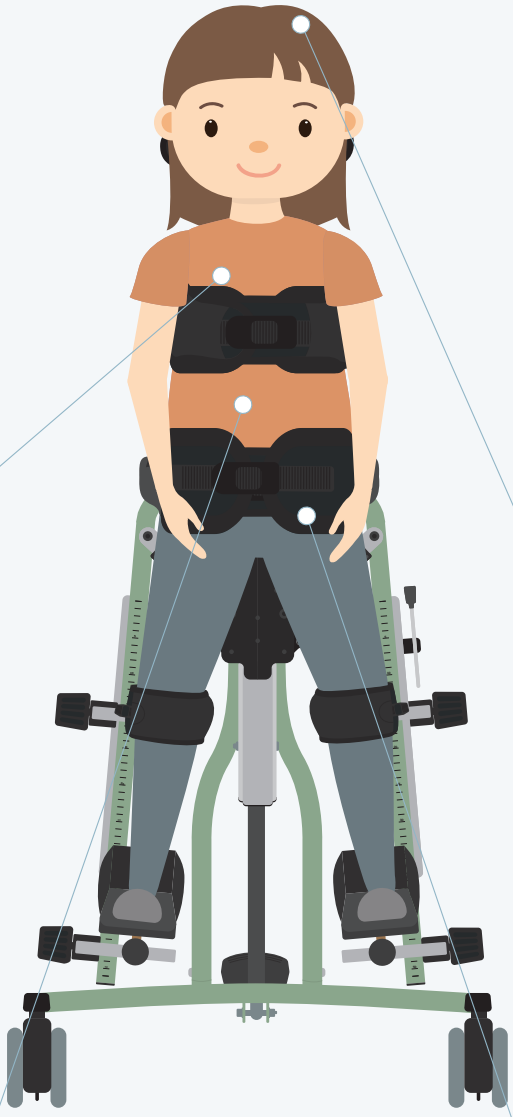
Standing activates the body in ways that sitting or lying down cannot. It engages a complex system of muscles, bones and joints to maintain balance and support weight-bearing.

For children with disabilities, standing upright may not come naturally. Using a standing frame can help them stand safely and comfortably, unlocking a wide range of physical, mental and social benefits.



Boosting cardiovascular health

Standing is a simple way to promote cardiovascular health. It can break up long periods of sitting and can act as a form of exercise, especially when combined with fun activities like playing ball.





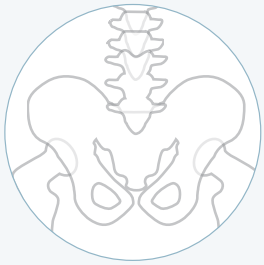
Early intervention

Early childhood is a period of high plasticity in both the body and brain. Bones and joints are still developing, making them particularly receptive to stimuli. Introducing standing during this phase can support physical milestones, while sensory and motor experiences can enhance cognitive and emotional development.



Social and emotional growth

Standing impacts more than physical health – it can transform how children feel about themselves and interact with others. For children living with disabilities, standing can break down barriers to participation, boosting self-esteem and emotional well-being.



Improving bone strength and mobility

Standing can enable weight-bearing and can help build stronger, denser bones. For children with limited mobility, it can also reduce muscle tightness in the hips, knees, and ankles, helping to maintain range of motion for greater function.

Growing and adapting with your child

The Addax is a flexible, adjustable standing frame designed for children, accommodating both prone and supine setups. It supports an upright position and allows a tilt range of up to 90°. Each leg can achieve up to 30° of individual hip abduction, with a clear scale for precise adjustments.





One stander, multiple possibilities

Built as both a prone and supine stander, Addax supports the child in an upright position, while also allowing a tilt range of up to 90°. Additionally, Addax supports abduction with up to 30° for each leg.

Tailored to every child

Addax adapts seamlessly to the unique needs and growth of each child, with its wide range of adjustable supports and other accessories. Most accessories are compatible with both prone and supine setups, ensuring maximum flexibility and comfort for every stage of development.





Designed for accessibility

The open-ended frame design simplifies standing transfers, allowing the child to approach the stander with ease in a wheelchair or another seating system. Addax is also compatible with mobile hoists, ensuring smooth and safe transfers.

Growth made simple

Daily adjustments and most growth modifications can be made without tools, making Addax easy to use for caregivers. For added safety, critical weight-bearing parts are securely adjusted with tools, ensuring stability and peace of mind.


Learn more about
Zahra and standing
as rehabilitation



Playful and inclusive family activities in a supported standing position

If you ask Charlie, making muffins with his big sister Hannah and playing with kinetic sand is definitely at the top of his list of favourite activities.

On a cold November afternoon, just as the first snow was beginning to fall, we visited Charlie and his family. Charlie, almost three years old, walked around the house in his R82 Pony and was eager to see what the photographer was setting up. He also peeked into his big sister Hannah's room, hoping to join her play and perhaps get a chance to participate in her creative projects.

While little brother Pelle was taking a nap, Charlie and Hannah went in the kitchen to bake muffins. Hannah was responsible for mixing the dough, while Charlie prepared the muffin forms. Charlie needed a little support from his father with the muffin forms as his hand function is affected. It required his full concentration to prepare the muffin forms, but he was clearly motivated by the activity.

Charlie was born with cytomegalovirus, commonly referred to as CMV. Children with CMV can be affected in many different ways; most will not show any symptoms, some will experience hearing loss, while in more rare cases, the child may experience severe functional impairments. Charlie also has cerebral palsy, which was caused by the CMV, affecting his functional abilities as well as his ability to participate in daily activities without support. He can briefly take full weightbearing when supported at the hips, but he is hypotonic and has decreased muscle power, meaning that his legs easily collapse under him. This makes standing for longer periods challenging, especially during activities that also require fine motor skills.





A solution focused on participation

For Charlie to maintain a standing position for longer periods and to actively engage in meaningful activities, the right support is essential. The Addax standing frame provides exactly that. Charlie's feet are secured in the 3D adjustable sandals, while the 3D adjustable knee supports give him the stability needed to stand. Thanks to the ratchet system, his father can easily tighten the knee supports during positioning, ensuring a safe and comfortable fit. The swing-away support belt combined with the sacrum support prevent his legs from collapsing, giving Charlie the necessary support to stay upright.

To enable Charlie to fully engage in activities like baking or playing with kinetic sand, the tray is positioned close to his body. A chest support mounted on the tray offers firm and surrounding support at the trunk, giving Charlie the postural stability he needs to use his arms and hands effectively. This setup allows him to focus on the fun, whether it's preparing muffin forms or creating shapes in the sand, without worrying about balance or fatigue.

Later that afternoon, Charlie moved on to his next favourite activity: playing with kinetic sand. Standing securely in the Addax, he explored textures and shapes with his hands, smiling as he built small sand structures together with Hannah. These moments of play with his sister are more than just fun; they are opportunities for Charlie to develop his motor skills, strengthen his body, and experience independence in a safe and supported way.

For Charlie and his family, participation is key. Every small step towards independence matters, and with the right assistive solutions, those steps become possible. The Addax standing frame not only supports Charlie physically but also opens the door to joyful experiences that strengthen family bonds and contribute to his overall development and wellbeing.

Watch Charlie having fun with his sister and father

Product highlights

The Addax is a versatile, multi-adjustable standing frame designed to support children in prone and supine setups; both setups support an upright position and offer a tilted range of up to 90°. The frame offers up to 30° of individual hip abduction for each leg, with a clear scale for precise adjustments.



Head support

A wide selection of head supports are available, All providing support for different needs.

Chest pad

The chest pad offers adjustable postural support in depth and height via the center column. It features a cushioned cover in two fabric options for added comfort.

Support belts

The three different belts all provide postural support and can be used across the chest and pelvic pads.

Knee supports

The 3D adjustable knee supports adapt to a child's leg position with a ball joint for full directional movement and are also adjustable in height, depth and width.

Open frame

The open-ended frame allows easy access for standing transfers. Addax also supports mobile hoists for safe, smooth transfers.

Upper arm supports

The upper arm supports enhance postural stability by broadening the user's base of support. During a lying transfer, they offer an extended support surface for the upper arms.

Tray

Providing trunk stability by supporting the arms on a stable surface. Its cut-out design ensures a close fit, promoting activity participation.

Pelvic pad

The pelvic pad offers postural support with adjustable depth. It aligns with the abduction module. It includes a cushioned cover available in two fabric options for comfort.

Foot supports

Both the 3D adjustable sandals and parted foot supports can be individually adjusted to accomodate for assymtries in the lower extremeties. The sandals allow full directional movement, while the parted foot supports adjust up and down.

Find out more about the Addax



Measurements

Addax		Size 1	Size 2
	Maximum user mass	30 kg	45 kg
	User height	700 - 1050 mm	930 - 1280 mm
	Foot supports, parted to axil height	370 - 800 mm	370 - 1060 mm
	Sandals, 3D adjustable to axil height	330 - 760 mm	330 - 1020 mm
	Leg lenght from foot supports, parted to pivot point	170 - 500 mm	170 - 650 mm
	Leg lenght from sandals, 3D adjustable to pivot point	130 - 460 mm	130 - 610 mm
	Tilt	0 - 90 °	0 - 90 °
	Overall height	1100 - 1480 mm	1230 - 1610 mm
	Overall length	1060 - 1490 mm	1200 - 1620 mm
	Overall width	540 - 1030 mm	620 - 1140 mm

Accessories



Head supports
912140-xx



Pelvic pad
912140-xx



Chest pad
912142-xx



Support belt, fixed
912101-xx, 912102-xx



Support belt, ratchet
912111-xx, 912112-xx



Support belt, swing-away
912121-xx, 912122-xx



Extension pad
912141-xx



Extension pad with mounitng option
912143-xx



Sacrum support
912160-xx



Upper arm supports
912131-xx, 912132-xx



Knee support 3D
912170-xx



Sandals, 3D adjustable
912182, 912183



Foot supports, parted
912181



Tray, supine
912151



Tray, prone
912150



Chest support for tray, prone
912155-xx

For more accessories visit our website





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