

Innovative assistive technology:
NORDIC SENSI®CHAIR



Nordic Sensi®Chair — state-of-the-art sensory stimulation technology

Nordic Sensi®Chair is an innovative rocking chair that provides multi-sensory stimulation of the user's senses. This assistive technology is used as a non-pharmacological aid to calm individuals presenting with restless, externalising behaviour, or to increase the level of activity in people with reduced arousal.

Its three automated programs - Relax, Refresh and Comfort - provide a moderate, sliding rocking motion. The first two programs last 20 minutes and the last one for 120 minutes. It can be set to the exact position that the user requires and provides exceptional comfort. It's placed on a trolley with wheels, so it is easy to move, and has a clearance of 13 cm, which means that a floor lift can be used. Weighted blankets and positioning cushions are used together with Nordic Sensi®Chair to increase the amount of tactile stimuli, and to ensure that the user will feel safe and secure. See image on the right.

Soothing music with tactile stimulation

Nordic Sensi®Chair has two built-in speakers, located in the backrest, and bass vibration at the lower back section. This ensures pleasant tactile stimulation. The Chair comes with music from MusiCure® in Healthcare®. MusiCure® is specially composed original music with a documented effect, proven to calm the user and give them a positive experience.

Composed and produced by Danish musician Niels Eje, the music has been researched extensively in published evidence studies and proven its worth in healthcare. MusiCure is the culmination of more than 20 years of development and research into the calming and mentally stimulating effect of this special music composition.



Nordic Sensi®Chair is CE-marked as a medical technical device in accordance with MDR EN 2017/745.



Customers have their say

Today, Nordic Sensi®Chair is marketed in more than 20 countries around the world. Wellness Nordic previously surveyed customers from the field of dementia care to investigate their experience of using the Nordic Sensi®Chair. This survey was conducted in seven countries, including Denmark, with a total of 184 respondents. 92% of all the respondents would strongly recommend the Nordic Sensi®Chair to other professionals working with dementia care. The respondents often use Nordic Sensi®Chair to calm down residents suffering from dementia, and decrease their externalizing behavior.

Taking care to another level

The high level of customer satisfaction aside, another general view was that the Nordic Sensi®Chair also helps to improve work processes in the daily care environment..

Customers felt that Nordic Sensi®Chair contributes to

- an increase in the quality of the care
- a better, more friendly working environment
- more time becoming available to staff.



Use of sensory stimulation with Nordic Sensi®Chair

Many areas of the hospital and health and social care sector are seeing increasing demand for non-pharmacological aids and other options, and it is in these areas that the Nordic Sensi®Chair has proven its worth:

- dementia care
- psychiatry
- somatic hospital wards
- children and adults with development disorders such as ADHD, ADD, autism etc.
- people with brain injuries
- children and young people at special schools
- residential homes and daycare centres.

Customer experiences

Special school:

"Our students generally have sensory integration problems and struggle to concentrate for longer periods. They often fall asleep with the rocking, take breath, snuggle up and fall completely silent. We feel that they are calmer afterwards and have the energy reserves they need to take part in the rest of the day's activities. The students' rest and energy reserves balance out the anxiety that might have affected the students otherwise."



Acute psychiatric ward:

"We have evaluated the effect of the rocking and it seems that patients with self-harming behaviours, anxiety, depression and restlessness do benefit from sitting in the rocking chair. The patients seem to become calmer and feel better in themselves. The evaluation tells us the patients feel sitting in the chair provides relief from their low mood and restlessness. Their levels of anxiety were reduced to some extent."



Dementia care home:

"The Nordic Sensi®Chair proved a success when we trialled it for a dementia patient who was very restless and shouting. He was able to calm down and unwind. Many of his awake hours are now spent sitting in the chair, which enables him to feel more at ease and improves his quality of life. Staff are also seeing the advantages of this. He used to need care and monitoring every five minutes, but now only needs this as much as the other residents of the care home. The working environment has also improved because this particular resident is no longer shouting."



For more customer reviews and reports on the effects of the Nordic Sensi®Chair, go to: www.wellnessnordic.com

Supplementary equipment



VIBRATION MATTRESS FOR THE CARE MODEL

A multi-sensory aid that supplements the Nordic Sensi®Chair's movements with vibration to increase stimulation of the senses, providing an even greater range of options for a broader group of users. It was developed specifically for the Wellness Nordic Sensi®Chair and the Wellness Nordic Relax®Chair.



WEIGHTED BLANKETS

We recommend using a weighted blanket in combination with Nordic Sensi®Chair, and offer customers a wide range of such, with and without tactile stimuli.



U-SHAPED CUSHION

By enclosing the user, the U-shaped cushion gives them a sense of being shielded and having personal boundaries, which increases proprioception. The hygienic cover is made from PU material and can be disinfected with ethanol. It cannot be removed. A washable comfort cover, available in several matching colours, is also available.



POSITIONING KIT

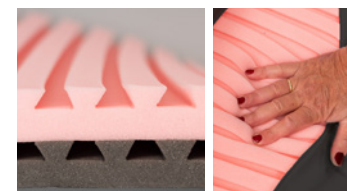
The positioning kit consists of four wedges, a half roller and a storage strap the same colour as the chair. It is used to position and secure the patient/individual so they are comfortable, as well as to create a stable seated position and prevent any sliding down.



TOP PROTECTION

Prevents scratches on the top of the chair's back.

Available with or without a pocket, in white or black.



PRESSURE RELIEF MATTRESS

Pressure relief mattress made from dual-component, temperature-sensitive foam for Nordic Sensi®Chair and Wellness Nordic Relax®Chair. It is designed for individuals at risk of bedsores or who need to sit in the chair for a long time.

Colour combinations

Nordic Sensi®Chair comes in black or white as standard. Incontinence covers and armrest covers are included as standard with the rocking chair and available in a choice of five extra colours (see below). With a total of 12 colour combinations available, it is possible to create an individual look for the Nordic Sensi®Chair and also easier to adapt it to a specific environment.



Wellness Nordic

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Nordic Sensi®Chair is CE-marked in accordance with the medical regulations of MDR EN 2017/745. It replaced the Wellness Nordic Relax®Chair in 2022. You can read more about other technical specifications in the user guide at www.wellnessnordic.com.