

Electrical bed

Famed NEXO

New level of comfort and safety With legendary built quality and affordable price



An electric hospital bed

NEXO

The affordable electric hospital bed designed with comfort, safety and early mobilization in mind. A product ideal for hospitals, long-term care units and ICU. A simple, field-proven construction and high durability is combined with advanced functions and an affordable price. Thanks to the Famed NEXO, you will provide comfort to a wider range of patients.



COMFORT

Thanks to its electrical control, the Famed NEXO offers a wide range of available positions. The bed can be controlled by a central panel, a wired remote control or a control panel in siderails. For the convenience of hospital staff, the Famed NEXO has pre-programmed positions, accessible by pressing just a one button on the control panel, easy to use **SoftDrop**[™] siderails and angle indicators. The Famed NEXO can be lowered to a very low height, so that getting in/out of the bed is easy and safe. It also prevents the patient from injuries if he falls out of the bed. The dedicated panel for early mobilization is a real added value to the patient recovery.



SAFETY

An economical hospital bed does not mean that we did even slightest compromise when it comes to safety standards. The Famed NEXO offers a high maximum load (250 kg) and high durability, confirmed by the third party test results and a positive feedback from almost 100 countries all over the world, where the Famed NEXO is present. All plastic and varnished elements were made using a bacteriostatic pSilver[™] technology. The high side rails along an entire length of the bed were designed to fully protect the patient. A central wheel lock ensures a stable position of the bed in a room. Between the various elements of the siderails there is a constant, safe distance, which prevents pinching of fingers or hands. A quickly detachable headboard can act as a additional CPR support under the patient in the event of resuscitation.



ECONOMY

The Famed NEXO bed has been designed to provide high versatility. It can be also used with overweight or tall patients (the bed length extension). In addition, the bacteriostatic **pSilver™** protection shortens the disinfection time and reduces the number of infections in the hospital. The construction of the bed base and control elements were designed to make cleaning as easy as possible and to shorten its time. The Famed NEXO is a bed where **legendary build quality meets well thought out access for a service team** to make easy and quick repairs on the site without custom tools. It guarantees a total cost of ownership (TCO) of virtually zero and **practically no downtime**.





UNIQUE HELPING HAND IN THE PREVENTION OF HAI

Study shows that hospital acquired infections (HAI) are a major threat for both health care providers and the patients². Increased length of stay, rising costs of patient treatment, risk of lawsuits are a big danger for financial situation of the hospital. This is also an inconvenience and an increased risk of hospitalization for the patient. WHO guidelines on hand hygiene in health care clearly states that hands are the most common route of infection³ - proper hygiene can be supported by technology to limit the bacteria spread. Equipping your hospital with the Famed NEXO bed with pSilver[™] technology is one of the best ways to support the HAI prevention program in your facility. The use of pSilver[™] technology in places most often touched by the patient and hospital staff reduces the multiplication of dangerous bacteria, fungi or viruses. All plastic and painted elements are made with custom compound with silver nanoparticles.

- ² Guidelines for prevention of hospital acquired infections, Indian Journal of Critical Care Medicine, 2014 Mar; 18(3): 149–163
- ³ WHO guidelines on hand hygiene in health care: A summary. 2014. Mar 10 ⁴ Hunter J.D., Corry P.R.: "Ventilator associated pneumonia" BJA CEPD 2002

¹ Early Mobilization of Patients in Intensive Care: Organization, Communication and Safety Factors that Influence Translation into Clinical Practice, Critical Care volume 22, Article number: 77 (2018)



THREE PHASES OF EARLY MOBILIZATION

It is not only about the ICU

Early mobilization is a crucial modern requirement for a modern hospital. To help the patient get out of the bed and do exercises, we have integrated a dedicated control panel for vertical mobilization in the bed. NEXO can help the patient to stand up and walk away from the bed, encouraging him to move and get back in shape. This is the final of the three mobilization phases on the NEXO bed.



First phase - the patient can use the panel integrated into the siderail to move the backrest up, higher and higher - as long as it is comfortable. For the ICU patients the staff should perform the action - use a 30° position or above to prevent VAP. Using a lower angle can be one of the factors for VAP⁴.



Automatic cardiac chair position can be activated - a staff member assists. The patient can be verticalized a little bit to test if he is in a condition that will enable him to leave the bed in the third phase. Reverse Trendelenburg position is set to test the ability of standing up. Patient can use the locked bed end as a support area for his feet. Some core exercises can be performed and a physiotherapist can start a muscle strength rebuild program.



The patient can be assisted by the staff while trying to get up. Use the reverse-Trendelenburg position and the automatic bed movement to do so. If the patient is strong enough, he can use the dedicated panel to help him stand on his own. Anatomic hand support in siderail is equipped with up/down buttons to lift the patient up to the point where he can stand on his own.

FEATURES DESCRIPTION

The trusted SoftDrop[™] siderails

A field-proven high quality gas spring-driven siderails have lowering mechanism with slow movement after the siderail lock is released. The siderail moves to its lower position in a controlled, gentle manner. The lowering siderail **will do no harm to the patient and the hospital staff** - all gaps between the siderails and bed ends maintain a safe, fixed distance according to an international standard (**EN 60601-2-52**). The gas spring-driven siderail prevents a collision with the bed, expanding its lifetime. Thanks to the **SoftDrop**[™] system, the movement of the siderail is smooth and silent, ensuring the patient's calmness during his convalescence. We can initiate the movement of the siderail with a one hand, making the other one free for holding a bedding. The **SoftDrop**[™] solution allows you to save space on the sides of the bed, because the siderail lowers very close to the bed frame.

Easier control also for partially sighted patients

The Famed NEXO is **introducing the next level of control for the patients**. Control panels that are located on the inner sides of the siderails are complete custom, patient-oriented design and have different functions than the panels outside of the bed, which are dedicated for the hospital staff. The control panels are designed to make it **easier for blind and partially sighted people to control the bed**. **A bright, contrast layout and raised bulges** on the surface of the panel help to see and feel the various functions of the control panel.

Quickly accessible positions by a single press of a button

The central panel offers several positions that the bed will obtain automatically when a **one dedicated button is pressed and held**. Using those buttons, the Famed NEXO can be put in anti-shock, examination, Fowler, CPR or cardiac chair position. Some functions of the hand remote control or patient controls can be **disabled using the central panel**. This prevents accidental changes of the position of the bed and limits the possibility of the patient changing the settings to a position that is not suitable for his condition.

High durability and stability of the bed ends

When it comes to durability, there is no place for a cost-saving design. Reliable materials used in the Famed NEXO bed ends and its structure design proven on the market guarantees maintenance-free use. The intuitive system of locking the boards in the bed frame allows a quick removal for resuscitation.

Helping hand during a CPR

Headboard can be quickly removed from the sockets and used as a additional **CPR support** under the patient in the event of a resuscitation. To speed up the action, the CPR lever is located in the middle of the bed frame, which makes it visible and easy to reach even when the siderails are lowered.

Low service cost and extremely easy repair

The Famed NEXO bed structure has been designed to **maximally reduce service costs** and the repair time. Every electronic component is **easy to reach** and replace. The inner cables can be accessed from different entry points to shorten up the repair. **You will not find any cost-saving connections** in the NEXO, we use only easy to disassemble joints so even the hospital technician with the basic tools can make the repair.

65% OF THE ICU PATIENTS CAN BE MOBILIZED OUT OF THE BED¹

Early mobilization is one of the most discussed topic in terms of the ICU. Study shows that out-of-bed rehabilitation is possible in **over 65% of the intensive care patients**. One of the most important thing to consider is the neurological state of the patient - general calmness and ability to follow simple commands are required. An out-of-bed mobilization is any activity where the patient sits over the edge of the bed (dangling), stands, walks or marches. The correct level of mobilization should be determined by the patient's condition and all the safety criteria¹:

- respiratory considerations,
- cardiovascular considerations (especially the presence of medical devices),
- neurological considerations,
- other (after surgery requirements/general condition).





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Technical data

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Famed NEXO

Length	2270 mm (+ 320 mm bed extension)
External width (with siderails)	990 mm
Inner width (between siderails)	885 mm
Minimum height of the bed	390 mm
Maximum height of the bed	800 mm
Maximum angle of backrest	70°
Maximum angle of thighrest	40°
Trendelenburg/reverse-Trendelenburg	16,5° / 18,5°
Autoregression of the backrest	120 mm
Thigh segment autoregression	45 mm
Total autoregression	165 mm
Permissible thickness of the mattress	160 / 200 mm
Clearance under the bed (height x length)	150 x 1500 mm
Castors diameter	150 mm
Translucency of the bed platform (MAE)	0,39 mm Al
Degree of protection (IP code according to IEC 60529)	IPX4 / IP66
Maximum dynamic load	250 kg

The product meets the requirements of the European Directive MDD 93/42/EEC on medical devices and the Act on Medical Devices,

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