



The new Patient Turning System by SANPOS medical

Patient Turning System “PTS”

- Move the patient securely and safely in the operating theatre – from the supine position to the prone position and back (180° patient rotation)
- Wrap, rotate, unwrap - right on the operating table
- The greatest possible level of safety with minimal staffing expenditure
- Handling without interruptions (respiration, control devices etc.)
- New, adjustable head rest with mirror and light
- Patented system with special positioning cushion





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Moving the patient securely and safely in the operating theatre

Simply turn the patient from the supine position to the prone position (1)
After a slight cranking of the cocoon, the PTS Rollbord can be precisely placed;
respiration- and infusions-tubes move freely.

The **Patient Turning System** by SANPOS medical was developed to turn the patient from the supine position to the prone position in the operating theatre. Our declared claim is to reduce the physical strain placed on theatre staff, increase patient safety, and at the same time keep staffing expenditure to an absolute minimum.

With the **Patient Turning System** by SANPOS medical, an intubated patient weighing up to 150 kg can be turned with two or three members of staff on the operating table - without interrupting respiration. The patient can be turned either slowly (cardiac problems) or quickly.

Specially developed **positioning cushions** enable the patient to be placed correctly in the prone position: the positioning cushions are put in position while the patient is in the supine position, wrapping the patient in a sort of cocoon. The cocoon consists of a back part and a front part that are securely connected with Velcro® fasteners. To turn the patient, fixed handles are used. If the patient is severely overweight, the cocoon can be enlarged on the trunk with four special extensions and four **mobile handles**. Thanks to the PTS Rollbord specially designed by SANPOS medical for the **Patient Turning System**, the required rotational force is reduced to 18 % of the patients weight (to 18 kg for a patient weight 100 kg, which for two members of theatre staff corresponds to traction of just 9 kg per person).



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Two theatre staff members can turn the cocoon with little force on the PTS Rollbord.

Components of the Patient Turning System:

Mod. no. 101000

- PTS trolley (chrome-steel)
- PTS-Rollbord
- Front and back part film
- Positioning cushion for the supine and prone positions
- Head rest with light and mirror
- 4 extensions
- 4 mobile handles
- 10 single-use sets
- 1 cover for the PTS trolley

The anaesthetist concentrates on monitoring the patient and gives the go-ahead for the patient to be turned. While the back part supports the entire spinal column, the head is held in place by a recently designed, three-dimensional, adjustable head rest. The cocoon encloses all parts and ensures that the patient can be turned safely.

If the patient is in the prone position, the PTS Rollbord is removed, and the back part is taken out. The arm supports on the thoracic cushion are removed, the arms are taken out, and the arm rests are removed



Positioning the head rest.

from the pelvic cushion.

The patient can now be disinfected and draped. After the operation, the same procedure is carried out in reverse. Then the cocoon is opened first at the head; then the neck ribbons and respiration tube are loosened; and finally the head rest is carefully taken away. After that the patient is unwrapped.



Head rest.



The PTS Rollbord is removed and the patient lies correctly positioned in the prone position on the special cushion.



The patient is unwrapped, and the back part of the Patient Turning System is removed.



The arm rest on the thoracic and pelvic cushions are removed, and the arms are taken out.

Tested applications

- Spinal fusion / - decompressions / - vertebral plasty / - sacral dermoid cysts /
- Sacral fittings / - disc replacement / etc.

Always ready for use thanks to the practical storage trolley



10 single-use sets

Mod. No. 105020

- 2 covers
- 1 neck ribbon
- 1 face cushion cover



SANPOS medical has developed a special storage trolley to ensure that the **Patient Turning System** can be used quickly and correctly. In the horizontal position, it is considerably easier to remove the abdominal positioning cushion (front part). All parts of the system can be stored away neatly in the trolley: The front and rearpart with the PTS Rollbord, positioning cushion, head rest and box with single-use sets. This means the entire system is ready to be used with just a few manoeuvres.

Easy and quick to clean

The **Patient Turning System** can be cleaned by wiping with disinfectant. Terralin 0.5% and Meliseptol Rapid by B. Brown have been tested; ethanol 70% can also be used.

Important: Attaching things to the cushions with **adhesive strips** can **damage** the coating. **Solvents** must not be used on the cushion to remove residual adhesive. Remove residual adhesive with petroleum spirit.



SANPOS medical GmbH
Zürcherstrasse 37a
CH-8852 Altendorf
Switzerland

Tel.: +41 55 451 13 30
e-mail: info@sanpos.ch
www.sanpos.ch

