ProAxis® Plus bed - to aid in the management of obese patients

Technical Data

<table>
<thead>
<tr>
<th>Frame Specifications</th>
<th>THERMO CONTOUR SURFACE SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall bed length: 233 cm</td>
<td>Mattress (customised sizes available):</td>
</tr>
<tr>
<td>Overall bed width: 108 cm</td>
<td>Length: 216 cm</td>
</tr>
<tr>
<td>Platform length: 218 cm</td>
<td>Width: 92.5 cm</td>
</tr>
<tr>
<td>Platform width: 95 cm</td>
<td>Height: 15 cm</td>
</tr>
<tr>
<td>Platform height range: 50 - 83 cm</td>
<td>Weight: 17 kg</td>
</tr>
<tr>
<td>Platform height in profiled position: 30 cm</td>
<td>Density: Visco elastic foam 65 kg/m³</td>
</tr>
<tr>
<td>Under bed clearance: 15 cm</td>
<td>Disinfection: Disinfect covers by wiping down with 1000 ppm Hypochlorite solution.</td>
</tr>
<tr>
<td>Overall bed weight: 165 kg</td>
<td>All Thermo contour support surfaces are:</td>
</tr>
<tr>
<td>Safe working load: 95 kg</td>
<td>X-ray translucent, anti-static, latex-free and non-allergenic.</td>
</tr>
<tr>
<td>Maximum patient weight: 318 kg</td>
<td>MDD 93/42/EEC for class 1 medical device.</td>
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<tr>
<td>Minimum patient weight: 120 kg</td>
<td></td>
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</tbody>
</table>

Performance:
Hill-Rom offers a 5 year no nonsense foam performance warranty on the mattress replacement and a 10 year foam performance warranty on all other Thermo contour products. Hill-Rom also offers a 5 year warranty on the polyurethane cover against strikethrough.

References:

MDD 93/42/EEC for class 1 medical device.
Obesity rising to epidemic proportions

The prevalence of obesity has increased dramatically over the past 20 years in the majority of developed countries and is now described as an epidemic. The growing impact of obesity has led the United Nations Health Agency to launch a global campaign against this growing problem. The rising prevalence in children suggests that this issue will remain a major challenge to healthcare facilities for the foreseeable future.

% of Total Population Obese

The socio-economic consequences are significant with 2-8% health care budgets now absorbed by obesity related conditions.

Obese patients present complicated clinical challenges to the multidisciplinary team which include hypertension, type 2 diabetes, cardiovascular disease, risk management, respiratory issues and certain types of cancer. As the number of obese patients grows the number of hospital admissions inevitably will rise and healthcare facilities will be challenged to provide a safe working environment for the multidisciplinary team caring for this vulnerable group of patients whilst offering safety and dignity to the patient.

ProAxis® Plus bed - to aid in the management of obese patients

The ProAxis Plus bed offers a combination of key features to aid in the complex management of the obese patient. The ergonomically designed frame with a wider sleep deck, advanced chair position and 30 cm low height promote patient mobility and greater independence. At the same time the Thermo contour® surface provides pressure reduction to aid in the prevention of pressure ulcers in this vulnerable group of patients.

At a glance:
- Offers increased independence, dignity and safety for obese patients.
- Ergonomic design reduces risk of caregiver injury.
- Provides effective pressure ulcer prevention.

Increasing patient safety and independence

The ProAxis Plus bed offers a safe environment for the obese patient whilst allowing for improved independence.

Advanced cardiac chair position

Advanced cardiac chair provides the ideal position to enhance respiratory mechanics and improve the psychological status of the patient thereby effectively accelerating patient recovery.

Weight Indicator System

The ProAxis Plus bed offers an indication of patient weight, this system will offer vital weight information to allow caregivers to make informed choices regarding equipment usage and rehabilitation programmes.

Ergonomic design reduces risk of caregiver injury

The ProAxis Plus bed has been designed to reduce the frequency and effort required to reposition the obese patient thus lowering the risks of caregiver injury.

Emergency positions can be achieved quickly and safely if required-CPR, electric Trendelenburg/reverse Trendelenburg and a preset flat position are all available for instant care.

Provides effective pressure ulcer prevention

The Thermo contour® surface allows the caregiver to help prevent pressure ulcers for patients up to high risk of pressure damage. Thermo contour® is a visco-elastic foam mattress. Its temperature sensitive foam softens and conforms to the patient creating a mould that will contour to the body in any position. Contact pressures are redistributed allowing excellent pressure reduction and comfort.

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