

Air Fluidised Care System(s)

Accessory Backrest



Figure 0

CE 0344



Synergie. Advanced
Patient Support

Synergie Nederland BV
Sterrekroos 6
4941 VZ RAAMSDONKSVEER
The Netherlands
Tel.: +31 162 677227
E-mail: info@synergiecare.com
Internet: www.synergiecare.com

© Copyright 2023

All rights reserved. Nothing from this edition may be multiplied, or made public, in any form or manner, either electronically, mechanically, by photocopying, recording, or in any other manner, without prior written consent from Synergie Nederland BV. This also applies to the accompanying drawings and diagrams.

Synergie Nederland BV reserves the right to change parts at any given moment and without prior or direct notification of the client. The contents of these service instructions may also be changed without warning. For information on settings, maintenance or repairs not provided by these service instructions, please contact your supplier's technical service department.

These service instructions are compiled with the greatest possible care. Nonetheless, Synergie Nederland BV cannot accept any responsibility for possible errors in these service instructions or for any resultant consequences.

Table of contents

Table of contents	3
Preface	4
Warranty	5
Identification and Labels	6
Identification labels backrest (frame and cover)	6
General safety	7
Installation of the backrest	8
Adjustment of the head cushion position	9
Reposition the patient	10
Angle Adjustment	11

Preface

This information is important for the proper and safe functioning of the backrest accessory. Read this information of importance carefully and consult the treating physician before use. The manufacturer is not liable for injury, damage and/or excessive wear resulting from incorrectly performed maintenance, incorrect use of or modifications to the device.

The following marking conventions are used



ATTENTION:

Remark for additional information



CAUTION:

The device may be damaged when not executed carefully



WARNING FOR DANGER:

You can (seriously) hurt yourself or others, if not executed carefully

Warranty

Our warranty clauses and the stipulations regarding liability are addressed in the Warranty Certificate. To be sent by request.

Identification and Labels

Identification labels backrest (frame and cover)



WARNING FOR DANGER:

Regularly check if all labels on the device are in place

There are several labels affixed onto the device, to warn against possible risk in spite of the safe design. Check regularly to see whether all labels are still in place. If not, replace them.

	<p>Risk of limbs entrapment between moving parts or between moving parts and fixed parts</p>	<p>Near moving parts, between moving parts and fixed parts, for example the scissor/lifting table</p>
<p>Synergie REF 2010316 <small>Synergie Nederland BV Steerkrans 6 4241 VZ Raamsdonksveer The Netherlands www.synergiecare.com</small></p> <p>PEARLS™ (SAT2) Backrest (manually adjustable) CE 0344 SWL 750 N (01) : 08720387388141 LAB1091.1</p> <p>Synergie REF 2010316 <small>Synergie Nederland BV Steerkrans 6 4241 VZ Raamsdonksveer The Netherlands www.synergiecare.com</small></p> <p>SANDS™ (SAT1) Backrest (manually adjustable) CE 0344 SWL 750 N (01) : 08720387388196 LAB1098.0</p>	<p>CE marking: Indicates Synergie Nederland's conformity with European directives (See IFU AFCS, Explanation of symbols)</p>	<p>CE Identification label is located on the backrest frame</p>
<p>PEARLS™ INNOVATIVE CARE Manufactured by Synergie Nederland BV</p> <p>Item 2010971 HEADREST</p>	<p>SANDS™ PROTECTIVE CARE Manufactured by Synergie Nederland BV</p> <p>Item 1010920 HEADREST</p>	<p>Cleaning instruction</p> <p>The marking is located on the headrest cover</p>
<p>PEARLS™ INNOVATIVE CARE Manufactured by Synergie Nederland BV</p> <p>Item 2010920 COVER BACKREST</p>	<p>SANDS™ PROTECTIVE CARE Manufactured by Synergie Nederland BV</p> <p>Item 1010919 COVER BACKREST</p>	<p>Cleaning instruction</p> <p>The marking is located on the backrest cover</p>
<p>PEARLS™ INNOVATIVE CARE Manufactured by Synergie Nederland BV</p> <p>Item 2010992 COVER BOTTOM</p>	<p>SANDS™ PROTECTIVE CARE Manufactured by Synergie Nederland BV</p> <p>Item 1010992 COVER BOTTOM</p>	<p>Cleaning instruction</p> <p>Black cover, bottom frame backrest</p>

General safety



WARNING FOR DANGER:

You can (seriously) hurt yourself or others, if not executed carefully

- The AFCS Backrest and its protections may not be extended, adapted, or altered without written consent from the manufacturer. Do not remove or mute safety devices;
- Repairs and/or maintenance shall be performed by authorised personnel only;
- The AFCS backrest cannot support body weight and seating position from (> 150 kg).
- Advised to use only for mobile patients;
- The use of the backrest for prolonged periods and/or when used for an immobile patient can contribute to the development of pressure ulcers;
- Risk of crushing limbs between moving parts or between moving parts and fixed parts;
- Health and safety guides regarding lifting are to be followed;



CAUTION:

The device may be damaged, if you do not carefully execute the procedures

- Make sure no sharp objects come into contact with the backrest cover. Scissors, knives, sharp fingernails, safety pins, etc. can damage the cover and render it unusable;
- Always cover the filter sheet of the AFCS with a hospital sheet before installing the backrest to prevent damage to the AFCS filter sheet;



ATTENTION:

A remark with additional information

- During use, a hospital sheet shall always be used to cover the backrest; Replace regularly to maintain a clean surface.



ATTENTION:

In case of a CPR situation remove the backrest from the AFCS

Installation of the backrest



WARNING FOR DANGER:

Ensure the AFCS Backrest is decontaminated. The Backrest cleaning and decontamination instruction is part of the service manual;



ATTENTION:

The weight of the external backrest is approximately 13 kg (version with perforated stainless steel plate Fig. 2) and 10 kg (version without stainless steel plate but with black bottom cover, Fig. 0). It is recommended to lift the backrest with 2 persons;

The backrest accessory can be placed in the AFCS without fixation or assembly. It will freely move with the patient during activated airflow to contribute sitting comfort.

1. Switch off the airflow, using the foot or hand switch or ON/OFF at the screen;
2. Position the backrest at approximately 20 cm from the head end side of the AFCS , on top of the hospital sheet; (Fig. 1)
3. Slide the backrest to the head end of the AFCS; (Fig. 2)



Figure 1



Figure 2



ATTENTION:

Make sure the backrest is well positioned against the AFCS head end side;



ATTENTION:

Take notice the filter sheet under the hospital sheet is not tightly stretched after positioning the backrest;



ATTENTION:

A second hospital sheet should be placed over the backrest before use;

4. Start the airflow by the foot or hand switch or ON/OFF in the HOME menu;



ATTENTION:

After installation of the backrest, It is recommended to reduce the airflow to the minimum level (level 40) to minimize shear forces;

Note: the AFCS feels harder when the airflow is reduced, however the impact on the interfacial pressure is limited.

Adjustment of the head cushion position

The head section of the cover can be positioned to the user's comfort using the straps in vertical position.[Fig03]



Figure 03



Figure 04



ATTENTION:

Fasten the strap at the backside after positioning the cushion; [Fig04];

Reposition the patient

- 1 Press the COMFORT/REPOSITION foot switch in order to increase the airflow,
- 2 Drift the patient towards the backrest, using the hospital sheet as a means,
- 3 Deactivate the COMFORT foot switch by pressing it once more.



Figure 05

Angle Adjustment

The backrest angle can infinitely be changed from approximately 10 – 50 degrees.

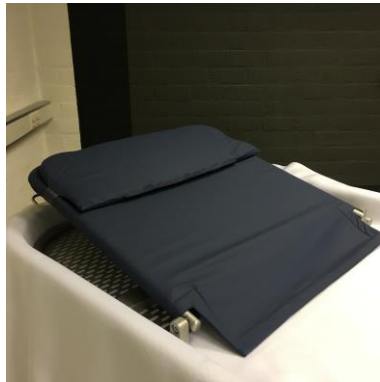


Figure 06



Figure 07

Push the lever at the back side of the backrest; it can be activated from both left as right side.



Figure 08

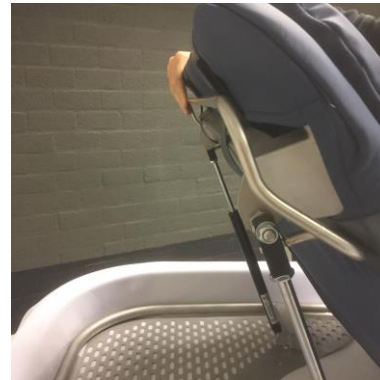


Figure 09

The patient's weight helps the backrest to lower position whereas a little support from the nursing staff will allow the back to rise.

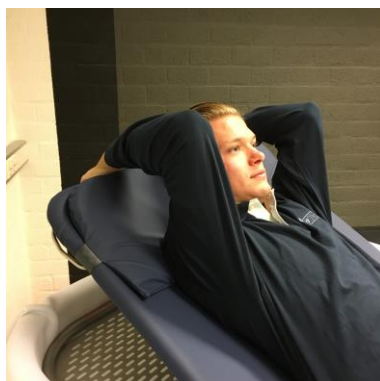


Figure 10



Figure 11



WARNING FOR DANGER:

Take into account the forces created by the pushrods when operating the adjustment lever; An unexpected rate of rise/fall may occur;



WARNING FOR DANGER:

Be careful your fingers will not be entrapped while activating the adjustment lever.