



5085 Corporate Exchange Blvd. S.E.
Grand Rapids, MI 49512 • 616.656.2900

PN 4-030-66, 2-060-06-PM,
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SINGER STARR STACKER LATERAL SUPPORT SYSTEM - INSTRUCTIONS FOR USE

The Singer Starr Stacker is a table accessory designed for procedures that require a patient to lie in the lateral or semi-lateral position. In these positions, the arms and legs are placed one over the other. The Singer Starr Stacker is an efficient and safe alternative to the current practices used to support a patient's arms and legs during these procedures.

The Singer Starr Stacker Lateral Support System is made up of a pivoting armboard and furrowed cushions that stack to provide fast and easy positioning of the patient's arms and legs. The armboard and cushions are affordable, reuseable and easy to maintain.

The Singer Starr Stacker Lateral Support System includes the following components:

- X-Wide Armboard
- Standard Armboard Pad Set and/or
- Bariatric Armboard Pad Set
- Universal Leg Pad Set

Component	X-Wide Armboard	Standard Armboard Pad Set	Bariatric Armboard Pad Set	Universal Leg Pad Set
Part Number	2-060-06	2-060-06-PM	2-060-06-P	4-030-66
Length	21 in	15 in	15.5 in	15 in
	533 mm	381 mm	394 mm	381 mm
Width	12 in	11.375 in	11.375 in	14 in
	305 mm	289 mm	289 mm	356 mm
Height	0.375 in	12-14 in	15.625-17.625 in	14 in
	10 mm	305-356 mm	397-448mm	356 mm
Weight	5.7 lbs	2.3-2.7 lbs	2.8-3.3 lbs	2.6 lbs
	2.59 kg	1.04-1.22 kg	1.27-1.5 kg	1.18 kg



1. Singer Starr Stacker Lateral Support System On a Flexed Table

Install the Armboard

Install the clamp for the pivoting armboard onto the side rail on the table.



Install the armboard next to the shoulder onto which the patient will be turned, as close to the head of the table as safely possible.



Install the armboard perpendicular to the table to allow surgeons and operating room personnel to adjust the cushions as needed.

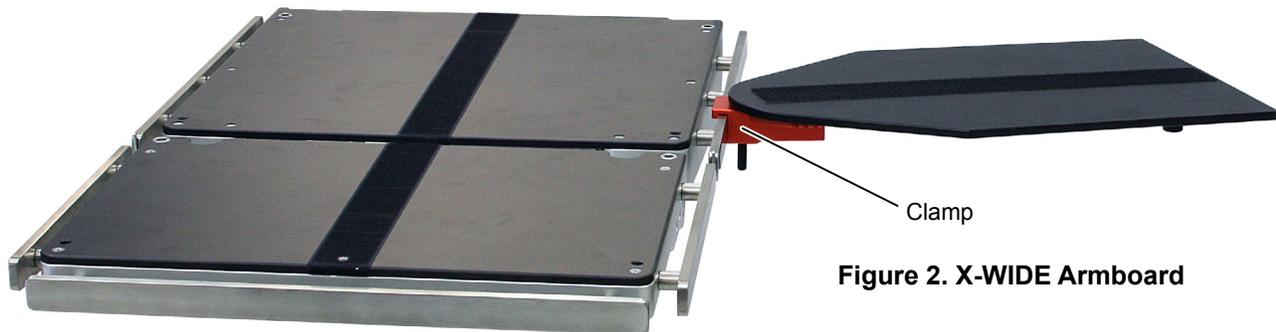


Figure 2. X-WIDE Armboard

Install the Standard or Bariatric Arm Support System

1. Two different heights of bottom cushions come with each arm stacker pad set. Select the bottom cushion that makes the groove in the cushion the same height as the padded surface on the table.
2. Place the bottom cushion of the Singer Starr Stacker on the pivoting armboard.
3. Adhere the Velcro from the armboard and the bottom cushion together. Make sure the triangle cut off corners are up and toward the head of the table.
4. Put the bottom arm into the groove in the bottom cushion.
5. Place the intravascular lines, monitoring equipment, tubes and other medical devices on the patient.
6. Administer the anesthesia.



All devices do not have to be in place at this time. The Singer Starr Stacker Arm Support System provides easy access to the arms and airways for placement or troubleshooting during the procedure, when the patient is lying on their side.

7. Lift the bottom arm out of the cushion.



Figure 3. Standard Armboard Pad Set

8. Roll the patient away from the padding, slightly.
9. Place an axillary roll under the chest. The axillary roll is not included.
10. Place the arm back into the groove of the bottom cushion.
11. Roll the patient onto their side toward the bottom cushion.
12. Adjust the bottom cushion to best support the patient's arm and hand.

13. Attach the top cushion to the bottom cushion with the Velcro on both of the cushions.

14. Adjust the top cushion to the most effective position. The most common position is 30°-60° relative to the bottom cushion. Make sure the cut off corners are facing the patient.

15. Bend the top arm forward and place only the forearm and hand into the groove of the top cushion.



The rotated top cushion, cut off corners and grooves provide easy access to the arms and airways for placement, removal, maintenance and troubleshooting of a variety of medical devices.



Figure 4. Bariatric Armboard Pad Set

16. Readjust the top cushion and top arm as needed for the best position and support.



When using the Bariatric Armboard Pad Set for the heaviest patients, the cushions can be aligned parallel to support more of the top arm in the top cushion.



If desired, wrap Velcro straps around the stacked cushions and armboard of the Singer Starr Stacker Arm Support System for added safety. The Velcro straps are not included.

17. Pull the lever under the armboard away from the table to adjust the Singer Starr Stacker Arm Support System at any time.



For the largest bariatric patients, allow the chest to rest against the soft surface of the Singer Starr Stacker.



CAUTION

Always support the patient when positioning any of the cushions or the armboard of the Singer Starr Stacker to prevent injury. Failure to do so may result in injury.

Install the Leg Support System

1. Turn the patient onto their side. Make sure their lumbosacral spine is over the part of the table that can flex.

2. Place the groove of the bottom cushion between the knee and the ankle of the bottom leg.

3. Make sure the bottom cushion is as close to the bottom knee as possible, for optimal support.

4. Move the bottom cushion so that the bottom leg is in the best position for the procedure. The Singer Starr Stacker can be used whether the leg is bent or straight.

5. Support and lift the top leg.

6. Place the groove of the top cushion between the knee and the ankle on the top leg.



Figure 5. Universal Leg Pad Set

7. Make sure the top cushion is as close to the top knee as possible.

8. Move the top cushion so that the top leg is stacked in the best position for the procedure.

- 9. Adhere the top cushion to the bottom cushion using the Velcro strips on both cushions.
- 10. Flex the table to compensate for the elevation of the extremities off the table and to maintain the alignment of the patient.



The top and bottom cushions can be parallel or rotated with respect to each other, and repositioned at anytime.

- 11. If needed, use a bed strap (not included) for added security. Install the bed strap perpendicular to the top cushion, over the middle of the calf of the top leg.

Final Installation Notes for the Singer Starr Stacker Lateral Support System



CAUTION

Always support the patient when positioning any of the cushions or the armboard of the Singer Starr Stacker to prevent injury. Failure to do so may result in injury.



Additional adjustments to the table are usually needed to optimize the final position of the patient.



Each stacked extremity is supported independently off the surface of the operating table. This ensures the maximum safety for the patient and prevents bed sores.



Additional body supports that do not interfere with the operative field can provide added patient stability.

Cleaning and Maintenance

Each cushion should be cleaned on a routine basis as determined by hospital policies and decontamination practices.

- Remove the pad sets from the table and clean and disinfect them between cases.
- Examine the pads for signs of wear or damage. Determine if the seal on the pad is compromised.
- Wash the pads and armboard with one of the two options below. **Do not immerse the cushions.**
 - Wash the pads and armboard with a generous application of neutral soap suds and lukewarm water. Rinse with water and dry.
 - Use a diluted bleach solution of 10-parts water to 1-part bleach to wash the pads and armboard. Wipe the pads and armboard dry with a clean cloth. **Bleach MUST be diluted to the 10:1 ratio.**

- Disinfect the cushions and armboard with one of the two methods below:
 - Use Lysol Brand III I.C. Disinfectant Aerosol Spray by Reckitt Benckiser, Inc., Montvale, NJ, per manufacturer's instructions. Reference: Reckitt Benckiser UPC # 36241-95029-3 to disinfect the cushions and armboard.
 - Use a diluted bleach solution of 10-parts water to 1-part bleach to wash the pads and armboard. Wipe the pads and armboards dry with a clean cloth. **Bleach MUST be diluted to the 10:1 ratio.**



WARNING

When the cushions can no longer be used due to wear, dispose of them properly. Pads should be treated as hazardous waste.