



SHAPED TO **SUPPORT** *YOUR EVERY MOVE*





## BACK SUPPORT SERIES

The nxt™ Back Support Series provides a range of back support models, with pelvic or thoracic shapes having posterior, posterior lateral and posterior deep lateral support. The full or scapula cut-out shapes are designed to provide excellent support and comfort while enhancing the user's natural range of motion. The QuickFit™ hardware is fully adjustable and the pelvic positioning pads provide optimal positioning of the pelvis for exceptional comfort and support.



- A Slotted holes** to allow for installation of most aftermarket head supports, headrests, belts, and harnesses
- B Alternate mounting heights**, allow hardware to be installed at optional heights to achieve a proper set-up
- C Width adjustment**, mounting hardware has 2" (5.1cm) of width adjustability increasing the size of a chair that each back can be used on [i.e. a 16" (40.6cm) wide back will fit a 16, 17, or 18" (40.6, 43.2, or 45.7cm) wide chair]
- D Pelvic cut-out** for optimal pelvic positioning and support of the P.S.I.S.
- E One-hand quick release** allows for the back to be removed from the chair with ease



### Stability, Symmetry & Shoulder Freedom

**Support the spinal column** within the "Scapula Triangle" which improves shoulder freedom & head control.

**Provide support to the side of the pelvis and thorax** to stabilize the entire spinal column.



### One-Hand Quick Release

## QuickFit™ MOUNTING SYSTEM

- Quickly and easily adjust while client is in the chair
- Accommodates asymmetrical posture
- Hardware is a discreet size and provides strength and rigidity to the back support
- 5" (12.7cm) of depth adjustment, 2.5" (6.4cm) in front or behind back canes
- Fits metric & imperial tubing including, 0.75-1" (1.9-2.5cm) back canes without shims
- Reversible for increased range
- 50° of angle adjustment (25° posterior and 25° anterior)
- Adjustable for pelvic or trunk rotation
- Install or remove clamps without taking them apart
- Fits 3 widths of chair by adjusting mounting position [i.e. a 16" (40.6cm) wide back will fit a 16, 17, or 18" (40.6, 43.2, or 45.7cm) wide chair]



**A Lock hardware onto the back cane and control height & rotation**

**B Control depth & angle adjustment**

### Accommodates Asymmetrical Posture



### Angle Adjustability of 50°



### Alternate Fixed Hardware



### Positioning Cut-Out

Allows the bottom edge of the back support to rest in the PSIS area. This provides a space for the buttocks to protrude beyond the back for a better, more natural seated position.



### Dual Density Foam

Dual density Polyurethane foam 1.5" (3.8cm) thick. Soft top layer for comfort and a firm bottom layer for protection.



### Low Pivot Point

The mounting hardware attachment points have a low pivot point designed to pivot around the pelvis. The low pivot point allows you to support the pelvis while adjusting recline. This reduces the movement of the pelvis affected by angle adjustment of the hardware.



### Customizable Contour

Lateral contours can be bent in or out for better postural control and a customized fit.





**Adjustable compartments with SmartCell™ Technology** allows for pressure redistribution and positioning, preventing skin breakdown.



**A** Incrementally adjustable width, height, depth & angle

**B** Central compartment allows off-loading of the spine

**C** Stepless width adjustment

**D** Allows proper placement of the gluteal shelf

**E** Customize the contour to fit the spinal deficiency

**F** Incremental adjustments can be made as often as required

**G** Adjustable Vicair® Cushion has nine pockets which are individually accessible to customize for maximum postural support and comfort



## next™ Armadillo™ BACK SUPPORT WITH VICAIR® TECHNOLOGY CUSHION

A multi-adjustable postural support back which features a three section modular shell with a Vicair back cushion with multiple pockets containing SmartCells™. In addition to the features offered with the foam back Armadillo, the Vicair cushion can be customized to effect the shape of the contour incrementally and permanently.

### WHAT'S INCLUDED

- Aluminum three-section modular shell
- Customizable Vicair 9-pocket cushion
- Breathable stretch fabric cover
- Installation hardware - QuickFit cane brackets, QuickFit back brackets

### ACCESSORIES & OPTIONS

- Lateral supports
- Head supports
- Replacement outer cover

### SPECIFICATIONS

Back Shell Weight*	3.9lbs (1.77kg)
Height	16 - 18" (40.6 - 45.7cm)
Fits Wheelchair Width	14 - 22" (35.6 - 55.9cm)
Top Adjustability	40° Anterior - 20° Posterior
Lower Adjustability	30° Anterior - 30° Posterior
Max user weight	300lbs (136.08kg)

\*weight based on 16 x 16" shell

### SIZES - INCH (CM)

14 (35.6)	16 (40.6)	14 - 16 (35.6 - 40.6)
16 (40.6)		16 - 18 (40.6 - 45.7)
18 (45.7)	18 (45.7)	18 - 20 (45.7 - 50.8)
20 (50.8)		20 - 22 (50.8 - 55.9)

### HOW TO ORDER

Configure model # by selecting one option from each column:

BASE CODE	WIDTH	HEIGHT
NVMAPSB	14, 16, 18, 20	16, 18

Complete Model # Example: NVMAPSB1416



**NOT SOLD IN THE U.S.A.  
AND OTHER COUNTRIES -  
INQUIRE FOR DETAILS.**

## ACCESSORIES: LATERAL TRUNK/PELVIC SUPPORTS

A wide range of thoracic trunk supports are available for backs supports. These included fixed and swing away options, arm styles with single or dual pads in multiple sizes. Pads are adjustable in angle, length and position. All supports have neoprene covers available.

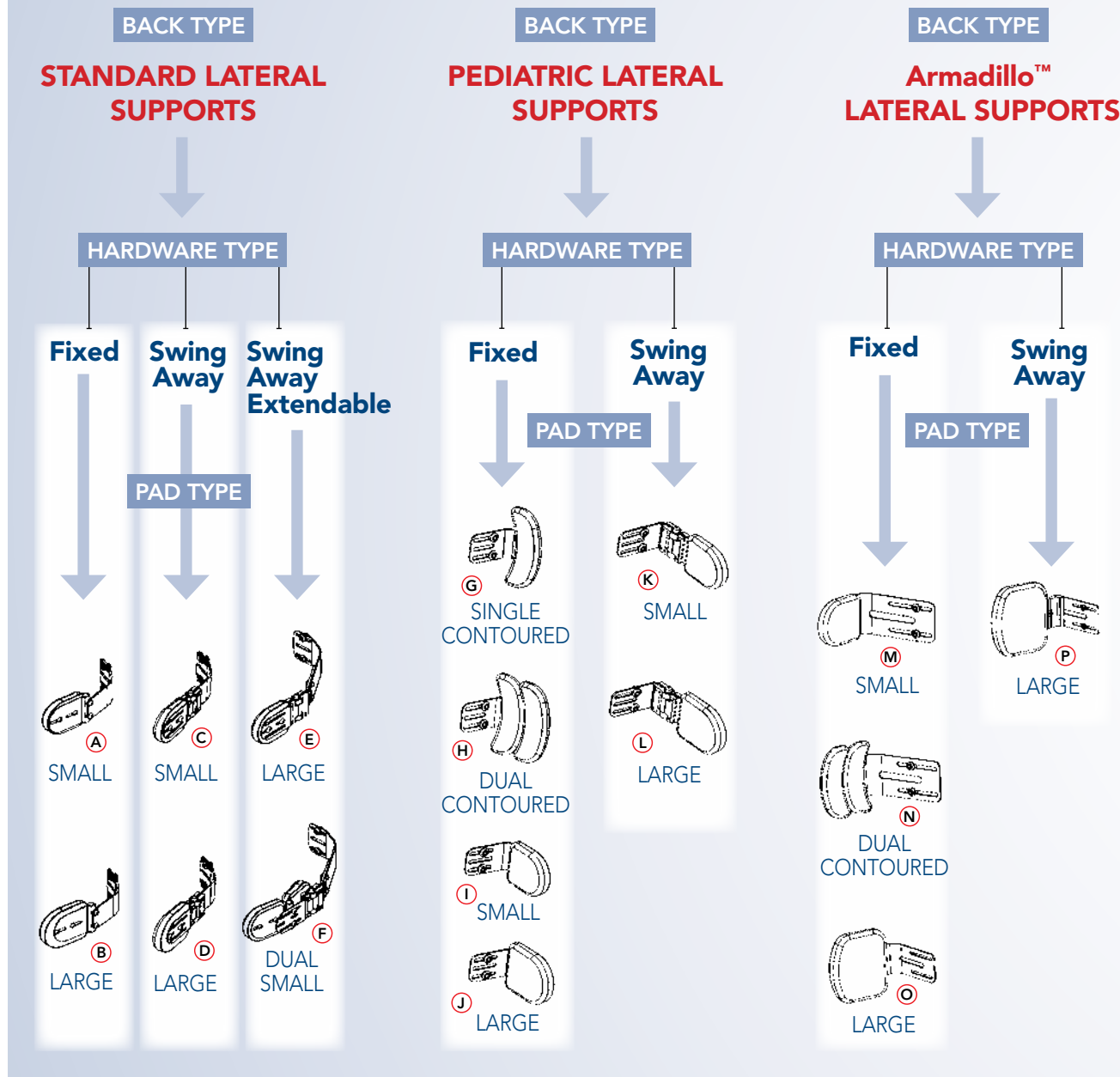
### 3 TYPES OF HARDWARE

1. **FIXED** – Lateral remains fixed in place, for users that require permanent support
2. **SWING AWAY** – Lateral can be adjusted around the hinge to set proper contact point with client, in addition “swings away” on a pivot point to allow for easier transfers, or a break from support
3. **SWING AWAY EXTENDABLE (available with standard laterals only)** – Lateral has significantly more adjustability to ensure proper lateral or anterior lateral contact with client, in addition “swings away” on a pivot point to allow for easier transfers, or a break from support

### 5 TYPES OF PADS

1. **SMALL** – when minimal surface area of support is required - pad is approximately 3.5” deep x 3.25” high (8.9x8.3cm)
2. **SMALL DUAL ADJUSTABLE (for use on the Swing Away Extendable hardware only)** – angle between pads can be adjusted to fit the contour of and provide customized contact with the client - each pad is approximately 3.5” deep x 3.25” high (8.9x8.3cm)
3. **LARGE** – when more surface area of support is required - pad is approximately 4” deep x 3.5” high (10.2x8.9cm)
4. **CONTOUR** – when the client needs subtle lateral support added to a mild contoured back (offered in two depths, single pad or double pad) - each pad is approximately 2” deep x 5.5” high (5.1x14.0cm)
5. **XL (Armadillo only)** – maximum depth to ensure support clears the back substrate while providing increase surface area for contact with client - pad is approximately 6.5” deep x 7.5” high (16.5x19.1cm)

## CHOOSING LATERAL SUPPORTS



## STANDARD LATERAL SUPPORTS



**A**  
**Short Fixed Arm  
with Small Pad**  
NLAFS-NLPHS



**B**  
**Short Fixed Arm  
with Large Pad**  
NLAFS-NLPHL



**C**  
**Short Swing-Away  
Arm with Small Pad**  
NLASS-NLPSS



**D**  
**Short Swing-Away  
Arm with Large Pad**  
NLASS-NLPSL



**E**  
**Extendable  
Swing-Away Arm  
with Large Pads**  
NLASA-NLPSL



**F**  
**Extendable  
Swing-Away Arm with  
Dual Small Pads**  
NLASA-NLPTSS

## PEDIATRIC LATERAL SUPPORTS



**G**  
**Fixed Arm with  
Single Contoured Pad**  
NKLAF-NLPCS



**H**  
**Fixed Arm with  
Dual Contoured Pad**  
NKLAF-NLPCD



**I**  
**Fixed Arm with  
Small Pad**  
NKLAF-NLPS



**J**  
**Fixed Arm  
with Large Pad**  
NKLAF-NLPL



**K**  
**Swing-Away Arm  
with Small Pad**  
NKLAS-NLPSS



**L**  
**Swing-Away Arm  
with Large Pad**  
NKLAS-NLPSL

## Armadillo™ LATERAL SUPPORTS



**M**  
**Fixed Arm  
with Small Pad**  
NMAPS-LPS



**N**  
**Fixed Arm with  
Dual Contoured Pad**  
NMAPS-LCS



**O**  
**Fixed Arm  
with Large Pad**  
NMAPS-DLTSF



**P**  
**Swing-Away Arm  
with Large Pad**  
NMAPS-DLTSS



## NEOPRENE COVERS



**Q**  
**Standard**  
NIB-0572



**R**  
**Single Contour**  
NIB-0574



**S**  
**Double Contour**  
NIB-0573



**T**  
**Armadillo Large**  
NIB-1413



## ACCESSORIES:

# MultiFit™ HEAD SUPPORT

To complete an order, specify the desired type of fixtures and the size of pad required. Pad and/or fixture components can also be ordered separately.

### WHAT'S INCLUDED

- Fixtures – complete assembly with installation fixtures and two additional quick adjustment levers (if specified, comes with flip back kit)
- Pads – layered foam pad, removable/washable cover, and wipe down cover

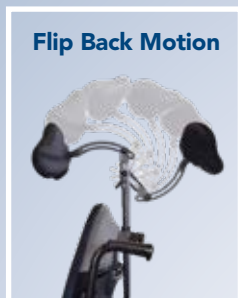
### HOW TO ORDER

#### HEAD SUPPORT HARDWARE AND ACCESSORIES

<b>NIB-0747</b>	Multi-axis hardware, Adjustable and removable, Incl. 2 additional levers for quick-release adjustment
<b>NIB-0823</b>	Head support receiver bracket - Mounts head support assy. to seating system
<b>NIB-1200</b>	Universal head support adapter bracket (fits all nrt backs except 9" (22.9cm) heights)
<b>NIB-1306</b>	Flip-back, multi-axis hardware, Adjustable and removable, Incl. 2 additional levers for quick-release adjustment
<b>NIB-1210</b>	Head support flip back kit. Can be attached to NIB-0747 to flip back the head support pad
<b>NIB-0725</b>	Head support replacement quick-release lever, each
<b>NIB-0824</b>	Head support replacement collar, each

#### HEAD SUPPORT PAD SELECTION

<b>NIB-0785</b>	Small contoured head support pad, 9" x 5" (22.9 x 12.7cm)
<b>NIB-0784</b>	Large rectangular head support pad, 10" x 5" (25.4 x 12.7cm)
<b>NIB-0818</b>	Extra-large rectangular head support pad, 14" x 5" (35.6 x 12.7cm)



- A** Comfortable layered foam pad
- B** Removable washable cover
- C** Curved depth & angle adjustment feature provides a wide range of settings
- D** Vertical post can be set in **three different rotation orientations**
- E** Latch style clamp for easy height adjustment & removal
- F** Wipe down cover
- G** Additional quick adjustment levers, allowing for the option of easy multiple adjustments without the use of tools.

