



# Whitmyer Headrests



# **Table of Contents**

4	. Whitmyer Biomechanix Features
5	Guide to Using Our Products
6	Whitmyer range of headrests
7	Range of mounting systems
8	PLUSH Single Pad Head Support Systems and Accessories
10	Specialty PLUSH Single Pad Head Support Systems and Accessories
12	Contoured Cradle Head Support Systems and Accessories
14	S.O.F.T. Single Sub-occipital Head Support Systems and Accessories
16	S.O.F.T. Adult Head Support Systems and Accessories
18	S.O.F.T. Paediatric Head Support Systems and Accessories
20	Custom Solutions   Ontions & Accessories

22 Custom Solutions   Mounting Options
23Tech Info   AXYS Mounting System
24Tech Info   LINX Mounting System
25Tech Info   PRO Mounting System
26Tech Info   COBRA XTRA Flip Back Mounting System
27Tech Info   PLUSH Pads
28Tech Info   Specialty PLUSH Pads
29Tech Info   Occipital and Contoured Crad Pads
30Tech Info   Sub-Occipital & Single Sub-occipital Pads
31Tech Info   S.O.F.T. Base Plate Assembly
32Replacement Parts   Anterior Supports & LF Components
33 Replacement Parts   Foams & Covers

35..... Notes

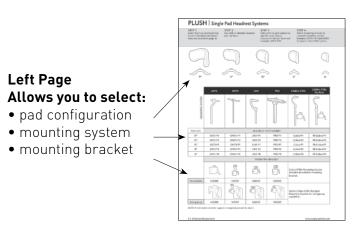


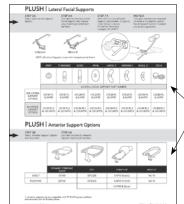
## **Understanding Our Catalogue**

### **Configured System Pages**

In an effort to simplify the ordering process, our Head Support Systems pages are laid out so that you can order a complete system with accessories without ever having to turn a page. Systems are divided by pad configuration.

Page No.	Head Support System	Page No.	Head Support System
8-9	PLUSH	16-17	S.O.F.T. Adult Systems
10-11	Specialty PLUSH	18-19	S.O.F.T. Paediatric Systems
12-13	Contoured Cradle		
14-15	S.O.F.T. Single Sub-occipital		





### Right Page Select accessories:

- Lateral facial component
- Anterior support system

### **Custom Solutions**

Page No. Head Support System

20-22 Cover Options & Gel Inserts /Accessories

### Tech Info (Measurements)

D N	11 16 16 1
Page No.	Head Support System
23-26	Mounting Systems
27	PLUSH Pads
29	Occipital and CCS Pads
30	Sub-occipital Pads
31	Base Plate Assembly

### Replacement Covers & Refoam Kits

Page No.	Head Support System
32	Anterior Supports

33-34 Replacement Foam and Covers

## Whitmyer Biomechanix Features

Each design feature addresses a specific support purpose.

### Occipital Pad:

Provides posterior support to the occiput.

### Sub-Occipital Pads:

Provide proximal stability to head.

### Lateral Design of Sub-Occipital Pads:

Provide lateral support to the neck, not the mandible!

### Flared Tabs:

Provide protection against client getting "hooked" around edge of head support.

- Variety of pad shapes and sizes:
   Single pad systems provide basic support against gravity with minimal control features.
   Single Sub-occipital pad systems provide easier adjustment.
   S.O.F.T. three pad systems are for clients with
  - **S.O.F.T. three pad systems** are for clients with more complex needs.
- Mounting system choices provide a wide range of adjustment and positioning possibilities. All mounting systems are designed to be durable and cosmetically appealing.
- Knurled balls guarantee secure clamping and prevent pads from slipping out of adjustment.
- Universal ball & socket size allow you to customize your client's head support with off-the-shelf products.
- Swing-away mounting upgrades are designed to move the head support out of the way for transfers while keeping the head support unit attached to the chair.
- Accessory components are designed to provide lateral and/or anterior support solutions for more complex positioning needs.
- Anterior support components:
   Dynamic movement allows freedom of rotational movement while providing support.

- Static forehead strap unit acts as a perimeter support for individuals who resist constant contact.
- Lateral facial components with a rearward pivot point provide more clearance during transfers and/or periods of non-use of switches/pads.
- Adaptor plates allow for easy integration of all Whitmyer Biomechanix accessories with single pad systems.

## **Guide to Using our Products**



### **Set Realistic Goals**

No head support system will fix seating issues! Head support is an integral part of seating and positioning, not an accessory. Set obtainable goals for seating, positioning, and head support so your client can achieve optimal positioning. When available, use a seating simulator to help determine the equipment needed to achieve these goals.



### **Evaluate Overall Condition**

Determine your client's orthopedic condition by performing a complete mat evaluation in sitting and supine positions. Evaluate the following to determine the degree of head support needed:

- Lateral flexion and rotation
- Tonal patterns
- Tolerance of contact or pressure
- Muscle strength or weakness
- Amount of force necessary to accommodate/correct.



Determine the degree of support your client will tolerate. In some cases, it is better to forego aggressive head support equipment and achieve consistency of use or positioning.



#### Get Hands-on!

Simulate head position with your hands. Assess the forces necessary to obtain the head positioning goals. Note the direction and the amount of force you apply, monitoring the degree of active movement or resistance from the client. Consider the client's head size/shape and how much surface area will be available for pressure distribution.



### **Select Proper Components**

Select the head support and options that best mimic the forces and shapes of your hands during the mat evaluation. Consider the need for support surfaces:

- One, two, three or more pads for support?
- Choices of lateral, anterior, posterior options?
- Lateral or rotational accommodation?
- Dynamic or static support?



### Areas to Avoid with Direct Pressure

Avoid direct pressure at these points:

- Temporal area and eyes
- Mastoid process (bony prominence behind ear)
- Mandible or jawbone.

### Areas To Support

Cradle the occiput as much as possible. Look for flat areas on the side of the head, face, or forehead to support.

### **Mounting Position**

Remember, the influence of orthopedic issues may affect your client's ability to achieve midline head positioning. Consider mounting the head support off midline to better follow the neck in reference to the shoulders.

## Withmyer Range of Headrests

**PLUSH Single Pad Headrest Systems** utilise dual density foam layers on a contoured, curved panel. These single pad headrests are easily adjustable and accommodate changes or inconsistencies in body positioning. Unique "cupping" shape provides posterior support with a high degree of comfort and safety. This basic headrest is ideal for tilt/recline, and has the ability to add lateral support, anterior support, or switches as client's needs change. The larger size pads facilitate safety for clients with behavioral issues and active movements.



**Specialty PLUSH Single Pad Headrest Systems** formerly available only as custom ordered products, are now in-stock and ready-to-ship! Dual Mount 48cm & 35cm PLUSH pads may be ideal for high tone, high extension clients. The 30cm Narrow PLUSH pad offers low profile support. The adjust A Plush has two tapered locking points that can be narrowed or widened to provide maximum lateral support. Zippered cover hides adjustment points.



**Contoured Cradle Head Supports** positioning success is derived from its unique anatomic shape. Generically designed to cradle the occiput and provide lateral cervical support, this unit supplies a high degree of comfort and positioning in a simple-to-adjust head support. A single rotational collar adjustment allows positioning for maximum support surface contact. Six pad sizes fit infant to adult. Add lateral facial pads, switches, and/or anterior support for more versatility.



**S.O.F.T. Single Sub-occipital Head Supports** supply sub-occipital and proximal lateral cervical support via a single curved sub-occipital pad. This more generically shaped pad allows for less involved adjustments. Unique to our single sub-occipital system is the independent anterior/posterior occipital pad movement. Consistent, repeatable positioning of the client is required for best performance. The addition of lateral facial pads, switches, and anterior supports increase this system's versatility.



**S.O.F.T. Three Pad Head Supports** solve the most challenging head positioning issues. This patented three pad device combines two width and rotationally adjustable sub-occipital pads with an adjustable occipital pad for independent anterior/posterior movement. The added adjustability of the individual sub-occipital pads allows adjustment to asymmetrical postures and deformities. This unique pad configuration supplies maximum occipital and proximal lateral cervical support for more aggressive positioning and comfort. Consistent, repeatable positioning of the client is required for best performance. Attaching lateral facial pads, switches, and/or anterior supports adds to this system's versatility.



Lateral Facial Pads can be configured to accommodate or block lateral flexion deviations and/or rotation patterns or function to supply general support surfaces or switch placement above the cervical level. A rearward mounting hardware pivot point allows the pads to move out-of-the-way during transfers or when not in use. Curved ball rods allow placement of pads around the head laterally or anteriorly. A choice of seven uniquely shaped pad sizes, five of which are malleable; ensure the ability to match the pad with the area needing support.



Choice of Anterior Supports – The patented Dynamic Forehead Strap facilitates upright head support and freedom of rotational movement. Excellent for low tone individuals with poor head balance, individuals exhibiting forward flexion patterns, or individuals who require an upright head position for medical reasons, i.e. compromised respiration and swallowing. Successfully used for task oriented applications, such as classroom interaction or during meals. The addition of a Strap Cap brings a low profile solution to anterior support for individuals who may not be successful with the strap. As an alternative, The Hedz-Up Static Forehead Strap was designed as a perimeter strap to limit the extent of forward/lateral movement. Correctly adjusting the strap off the forehead allows this movement range. Adjustable angle pivot brackets stop downward strap motion and supply a consistent strap position. People with ALS, MS, and MD are excellent candidates for the Hedz-Up. When utilizing anterior support options, repeatable positioning of the client is required for best performance.





## Range of Mounting Systems

### **AXYS Mounting System**

The AXYS Mounting System is a proven, economical hardware option. A black chrome finish combined with a small profile steel square rod presents a compact, aesthetically pleasing mounting solution. Designed for rigorous applications, ease of adjustment, and simple modifications. This system is compatible with all Whitmyer Biomechanix accessories.



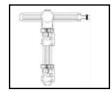
### **Linx Mounting System**

The Linx Mounting System features the latest concept in contemporary head support mounting hardware. Combining two simple, unique points of adjustment allows full anterior/posterior fluid movement, creating an infinite range of support surface placement. Satin black tubing with contrasting polished aluminum clamps and knurled mounting ball ensures stay-in-place adjustments with a stylish look.



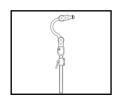
### **PRO Mounting System**

The PRO Mounting System is a proven hardware option for demanding applications. This mounting system is ideal for use when client strength or strong tonal patterns are an issue. Perfect for institutional environments.



### COBRA XTRA Flip Back Mounting System

The COBRA XTRA Flip Back Mounting System is operated by a single push-button on the side of the bracket and neatly flips the assembly back behind the wheelchair back. With superior strength and positioning range, the COBRA XTRA Flip Back Mounting System is available in Small (Early Intervention and Paediatric), Medium (Paediatric), and Large (Adult). The components are modular and easily changed in the field to enable exact positioning of the head support pad – even if the user's head position changes from the time of the initial prescription.



## PLUSH | Single Pad Head Support Systems

### STEP 1

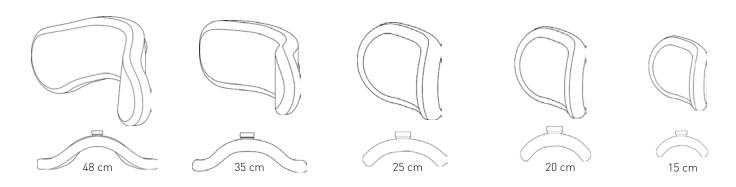
Select Pad Size and Mounting System. Detailed pad dimensions are located on page 28.

### STEP 2

Use table to identify headrest part numbers.

### STEP 3

Select mounting bracket to complete headrest system. Example: PRO-P4L and M2200 Exception: Cobra XTRA Systems.



	AXYS	LINX	PRO	COBRA XTRA Flip Back
MOUNTING SYSTEM				
PAD SIZE		HEAD SUPPORT	PART NUMBER	
48cm	AXYS-P4L	LINX-P4L	PRO-P4L	FB-Cobra-P4L
35cm	AXYS-P2L	LINX-P2L	PRO-P2L	FB-Cobra-P2L
25cm	AXYS-P1L	LINX-P1L	PRO-P1L	FB-Cobra-P1L
20cm	AXYS-P3L	LINX-P3L	PRO-P3L	FB-Cobra-P3L
15cm	AXYS-P8L	LINX-P8L	PRO-P8L	FB-Cobra-P8L
		MOUNTING	BRACKET	
				This system includes detachable mounting bracket and has a swingaway function
Detachable	M2500	M2300	M2200	
				This system includes detachable mounting bracket and has a swing-away function
Swing-away	M5500	M5300	M5200	

NOTE: If a lateral or anterior support is required proceed to step 4.



# PLUSH | Lateral Facial Supports



### STEP 4A

Select pad size and support option.

### STEP 5A

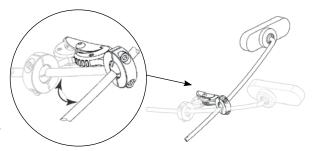
Use table to identify Lateral Facial Support and swing-away mounting bracket part numbers.

### NOTE:A

Two part numbers are required to receive a complete Lateral Facial Support System. Example: LFC20-PLL and LM115







NOTE: All Lateral Supports come with swing-away hardware

	SPOT	STANDARD	LONG	OVAL	LARGE-C	MEDIUM-C	SMALL-C
		·		$\bigcirc$			6
	LATERAL FACIAL SUPPORT PART NUMBER						
UNILATERAL SUPPORT OPTION	LFC10-PLL	LFC15-PLL	LFC20-PLL	LFC25-PLL	LFC30-PLL	LFC35-PLL	LFC40-PLL
BILATERAL SUPPORT OPTION	LFC10-PL2L	LFC15-PL2L	LFC20-PL2L	LFC25-PL2L	LFC30-PL2L	LFC35-PL2L	LFC40-PL2L

# PLUSH | Anterior Support Options



#### STFP 4R

Select Anterior Support Option and size/colour.

### STEP 5B

Use table to identify Anterior Support Option part number.









	DYNAMIC FOREHEAD STRAP	DFS <sup>2</sup>	STRAP CAP	HEDZ-UP
ADULT <sup>1</sup>	DFS10	DFSQ10	CAP10 (black)	HU10
PAEDIATRIC <sup>1</sup>	DFS30	DFSQ30	CAP30-R (red)	HU10
			CAP30-B (blue)	

<sup>1</sup> —Anterior supports are not compatible with 48 cm PLUSH systems and have limited results with 35 cm PLUSH systems.

# SPECIALTY PLUSH | Single Pad Head Support Systems

### STEP 1

Select Pad Size and Mounting System. Detailed pad dimensions are located on page 29.

### STEP 2

Use table to identify headrest part numbers.

### STEP 3

Select mounting bracket to complete headrest system. Example: PRO-P44L and M2200 Exception: Cobra XTRA Systems.















	AXYS	LINX	PR0	COBRA XTRA Flip Back
MOUNTING SYSTEM				
PAD SIZE		HEAD SUPPORT	PART NUMBER	
48cm Dual Mt. PLUSH <sup>2</sup>	AXYS-P44L	LINX-P44L	PRO-P44L	-
35cm Dual Mt. PLUSH <sup>2</sup>	AXYS-P22L	LINX-P22L	PRO-P22L	-
30cm Narrow PLUSH	AXYS-P12L	LINX-P12L	PRO-P12L	FB-Cobra-P12L
Adjust-A PLUSH Narrow	AXYS-AP1L	LINX-AP1L	PRO-AP1L	FB-Cobra-AP1L
Adjust-A- PLUSH STD	AXYS-AP2L	LINX-AP2L	PRO-AP2L	FB-Cobra-AP2L
		MOUNTING	BRACKET	
				This system includes detachable mounting bracket and has a swingaway function
Detachable	M2500	M2300	M2200	
				This system includes detachable mounting bracket and has a swingaway function
Swing-away	M5500	M5300	M5200	

- $1-\mathsf{NOTE}$ : Pads are not scaled proportionally. See page 24 for pad dimensions.
- 2-48 cm and 35 cm Dual Mount PLUSH Systems require two mounting brackets. Swing-away option is not recommended.



## **SPECIALTY PLUSH** | Lateral Facial Supports

### STEP 4A

Select pad size and support option.

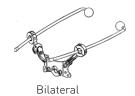
### STEP 5A

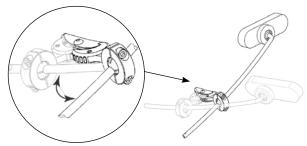
Use table to identify Lateral Facial Support and swing-away mounting bracket part numbers.

### NOTE:A

Two part numbers are required to receive a complete Lateral Facial Support System. Example: LFC20-PLL and LM115







NOTE: All Lateral Supports come with swing-away hardware

	SP0T	STANDARD	LONG	OVAL	LARGE-C	MEDIUM-C	SMALL-C
		©		$\bigcirc$			6
	LATERAL FACIAL SUPPORT PART NUMBER						
UNILATERAL <sup>1</sup> SUPPORT OPTION	LFC10-PLL	LFC15-PLL	LFC20-PLL	LFC25-PLL	LFC30-PLL	LFC35-PLL	LFC40-PLL
BILATERAL <sup>1</sup> SUPPORT OPTION	LFC10-PL2L	LFC15-PL2L	LFC20-PL2L	LFC25-PL2L	LFC30-PL2L	LFC35-PL2L	LFC40-PL2L

## **SPECIALTY PLUSH** | Anterior Support Options



### STEP 4B

Select Anterior Support Option and size/colour.

### STEP 5B

Use table to identify Anterior Support Option part number.









	DYNAMIC FOREHEAD STRAP	DFS <sup>2</sup>	STRAP CAP	HEDZ-UP
ADULT <sup>1,2</sup>	DFS10	DFSQ10	CAP10 (black)	HU10
PAEDIATRIC <sup>1,2</sup>	DFS30	DFSQ30	CAP30-R (red)	HU10
			CAP30-B (blue)	

<sup>1 —</sup>Lateral Facial Supports are not recommended for use with Dual Mount PLUSH Systems.

<sup>2—</sup>Anterior supports are not compatible with Dual Mount PLUSH systems.

# **CONTOURED CRADLE** | Head Support Systems

### STEP 1

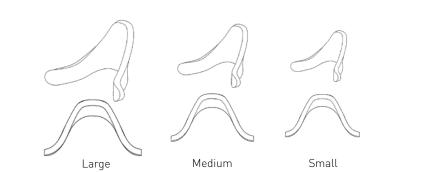
Select Pad Size and Mounting System. Detailed pad dimensions are located on page 30.

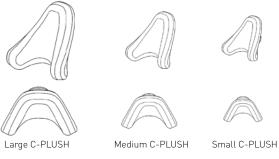
### STEP 2

Use table to identify headrest part numbers.

### STEP 3

Select mounting bracket to complete Head Support system. Example: PRO-CCS4L and M2200 Exception: Cobra XTRA Systems.





	AXYS	LINX	PRO	COBRA XTRA Flip Back
MOUNTING SYSTEM				
PAD SIZE		HEAD SUPPORT	PART NUMBER	
Large	AXYS-CCS4L	LINX-CCS4L	PRO-CCS4L	FB-Cobra-CCS4L
Medium	AXYS-CCS3L	LINX-CCS3L	PRO-CCS3L	FB-Cobra-CCS3L
Small	AXYS-CCS2L	LINX-CCS2L	PRO-CCS2L	FB-Cobra-CCS2L
C-PLUSH Large	AXYS-CCP4L	LINX-CCP4L	PRO-CCP4L	FB-Cobra-CCP4L
C-PLUSH Medium	AXYS-CCP3L	LINX-CCP3L	PRO-CCP3L	FB-Cobra-CCP3L
C-PLUSH Small	AXYS-CCP2L	LINX-CCP2L	PRO-CCP2L	FB-Cobra-CCP2L
		MOUNTING	BRACKET	
				This system includes detachable mounting bracket and has a swingaway function
Detachable	M2500	M2300	M2200	
				This system includes detachable mounting bracket and has a swingaway function
Swing-away	M5500	M5300	M5200	



## **CONTOURED CRADLE** | Lateral Facial Supports



### STEP 4A

Select pad size and support option.

### STEP 5A

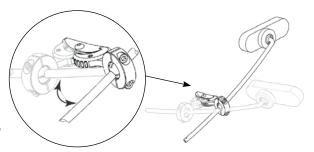
Use table to identify Lateral Facial Support and swing-away mounting bracket part numbers.

### NOTE:A

Two part numbers are required to receive a complete Lateral Facial Support System. Example: LFC20-CSL and LM115







NOTE: All Lateral Supports come with swing-away hardware

	SPOT	STANDARD	LONG	OVAL	LARGE-C	MEDIUM-C	SMALL-C
		· •		$\bigcirc$			6
			LATERAL FAC	IAL SUPPORT F	PART NUMBER		
UNILATERAL SUPPORT OPTION	LFC10-CSL	LFC15-CSL	LFC20-CSL	LFC25-CSL	LFC30-CSL	LFC35-CSL	LFC40-CSL
BILATERAL SUPPORT OPTION	LFC10-CS2L	LFC15-CS2L	LFC20-CS2L	LFC25-CS2L	LFC30-CS2L	LFC35-CS2L	LFC40-CS2L

# **CONTOURED CRADLE** | Anterior Support Options



### STEP 4B

Select Anterior Support Option and size/colour.

### STEP 5B

Use table to identify Anterior Support Option part number.









	DYNAMIC FOREHEAD STRAP	DFS <sup>2</sup>	STRAP CAP	HEDZ-UP
ADULT	DFS10	DFSQ10	CAP10 (black)	HU10
PAEDIATRIC	DFS30	DFSQ30	CAP30-R (red)	HU10
			CAP30-B (blue)	

\_ 13

# S.O.F.T. Single Sub-occipital | Head Support Systems

### STEP 1

### Select Pad Size and Mounting System. Detailed pad dimensions are located on page 31.

### STEP 2

Use table to identify Head Support part numbers.

### STEP 3

Select mounting bracket to complete head support system. Example: PRO-SS10L and M2200 Exception: Cobra XTRA Systems.



**SS10**-25cm PLUSH occipital w/Adult Single Sub-occipital.



**\$\$8**-Adult occipital w/Adult Single Sub-occipital.



**\$\$4**-Adult occipital w/Paediatric Single Sub-occipital.



**\$\$3**-Paediatric occipital w/Paediatric Single Sub-occipital.

	AXYS	LINX	PRO	COBRA XTRA Flip Back
MOUNTING SYSTEM				
CONFIGURATION		HEAD SUPPORT	PART NUMBER	
SS10	AXYS-SS10L	LINX-SS10L	PRO-SS10L	FB-Cobra-SS10L
SS8	AXYS-SS8L	LINX-SS8L	PRO-SS8L	FB-Cobra-SS8L
SS4	AXYS-SS4L	LINX-SS4L	PRO-SS4L	FB-Cobra-SS4L
SS3	AXYS-SS3L	LINX-SS3L	PRO-SS3L	FB-Cobra-SS3L
		MOUNTING	BRACKET	
				This system includes detachable mounting bracket and has a swing-away function
Detachable	M2500	M2300	M2200	
				This system includes detachable mounting bracket and has a swing-away function
Swing-away	M5500	M5300	M5200	



# S.O.F.T. Single Sub-occipital | Lateral Facial Supports

### **STEP 4A**

Select pad size and support option.

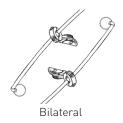
### STEP 5A

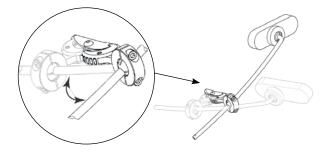
Use table to identify Lateral Facial Support and swing-away mounting bracket part numbers.

### NOTE:A

Two part numbers are required to receive a complete Lateral Facial Support System. Example: LFC20L and LM115







NOTE: All Lateral Supports come with swing-away hardware

	SPOT	STANDARD	LONG	OVAL	LARGE-C	MEDIUM-C	SMALL-C
		©		$\bigcirc$			6
			LATERAL FAC	IAL SUPPORT P	ART NUMBER		
UNILATERAL SUPPORT OPTION	LFC10L	LFC15L	LFC20L	LFC25L	LFC30L	LFC35L	LFC40L
BILATERAL SUPPORT OPTION	(2) LFC10L	(2) LFC15L	(2) LFC20L	(2) LFC25L	(2) LFC30L	(2) LFC35L	(2) LFC40L

# S.O.F.T. Single Sub-occipital | Anterior Support Options



### STEP 4B

Select Anterior Support Option and size/colour.

### STEP 5B

Use table to identify Anterior Support Option part number.









	DYNAMIC FOREHEAD STRAP	DFS <sup>2</sup>	STRAP CAP	HEDZ-UP
ADULT	DFS1	DFSQ1	CAP1 (black)	HU1
PAEDIATRIC	DFS3	DFSQ3	CAP3-R (red)	HU1
			CAD2 D (bl)	

CAP3-B (blue)

# S.O.F.T. Adult | Head Support Systems

### STEP 1

### Select Pad Size and Mounting System. Detailed pad dimensions are located on page 32.

### STEP 2

Use table to identify Head Support part numbers.

### STEP 3

Select mounting bracket to complete head support system. Example: PRO-8L and M2200 Exception: Cobra XTRA Systems.



**5-** 25 cm PLUSH Occipital w/ Size-1 Sub-occipitals



**8-** 20 cm PLUSH Occipital w/ Size-1 Sub-occipitals



**2-** Adult Occipital w/ Size-2 Sub-occipitals



**1-** Adult Occipital w/ Size-1 Sub-occipitals

	AXYS	LINX	PRO	COBRA XTRA Flip Back
MOUNTING SYSTEM				
CONFIGURATION		HEAD SUPPORT	PART NUMBER	
8	AXYS-8L	LINX-8L	PRO-8L	FB-Cobra-8L
5	AXYS-5L	LINX-5L	PRO-5L	FB-Cobra-5L
21	AXYS-2L	LINX-2L	PRO-2L	FB-Cobra-2L
1	AXYS-1L	LINX-1L	PRO-1L	FB-Cobra-1L
		MOUNTING	BRACKET	
				This system includes detachable mounting bracket and has a swingaway function
Detachable	M2500	M2300	M2200	
				This system includes detachable mounting bracket and has a swingaway function

 $<sup>1-</sup>Size\ 2\ Sub-occipital\ pads\ are\ recommended\ for\ use\ with\ individuals\ exhibiting\ better\ tone\ and\ head\ control.$ 



## S.O.F.T. Adult | Lateral Facial Supports

### STEP 4A

Select pad size and support option.

### STEP 5A

Use table to identify Lateral Facial Support and swing-away mounting bracket part numbers.

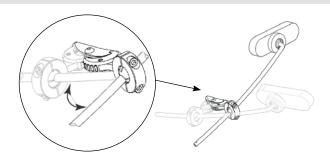
### NOTE:A

Two part numbers are required to receive a complete Lateral Facial Support System. Example: LFC20L and LM115









	SPOT	STANDARD	LONG	OVAL	LARGE-C	MEDIUM-C	SMALL-C
		©		$\bigcirc$			6
			LATERAL FAC	IAL SUPPORT P	ART NUMBER		
UNILATERAL SUPPORT OPTION	LFC10L	LFC15L	LFC20L	LFC25L	LFC30L	LFC35L	LFC40L
BILATERAL SUPPORT OPTION	(2) LFC10L	(2) LFC15L	(2) LFC20L	(2) LFC25L	(2) LFC30L	(2) LFC35L	(2) LFC40L

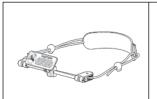
## S.O.F.T. Adult | Anterior Support Options



Select Anterior Support Option and size/colour.

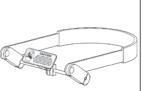
### STEP 5B

Use table to identify Anterior Support Option part number.









	DYNAMIC FOREHEAD STRAP	DFS <sup>2</sup>	STRAP CAP	HEDZ-UP
ADULT	DFS1	DFSQ1	CAP1 (black)	HU1
PAEDIATRIC	DFS3	DFSQ3	CAP3-R (red)	HU1
			CAP3-B (blue)	

17

## S.O.F.T. Paediatric | Head Support Systems

### STEP 1

Select Pad Size and Mounting System. Detailed pad dimensions are located on page 33.

### STEP 2

Use table to identify Head Support part numbers.

### STEP 3

Select mounting bracket to complete head support system. Example: PRO-7L and M2200 Exception: Cobra XTRA Systems.



**7-** 20 cm PLUSH Occipital w/Size-3 Sub-occipitals



**6-** Paediatric Occipital w/ Size-4 Sub-occipitals



**4-** Adult Occipital w/ Size-3 Sub-occipitals



**3-** Paediatric Occipital w/ Size-3 Sub-occipitals

	AXYS	LINX	PRO	COBRA XTRA Flip Back
MOUNTING SYSTEM				
CONFIGURATION		HEAD SUPPORT	PART NUMBER	
7	AXYS-7L	LINX-7L	PRO-7L	FB-Cobra-7L
61	AXYS-6L	LINX-6L	PRO-6L	FB-Cobra-6L
4	AXYS-4L	LINX-4L	PRO-4L	FB-Cobra-4L
3	AXYS-3L	LINX-3L	PRO-3L	FB-Cobra-3L
		MOUNTING	BRACKET	
				This system includes detachable mounting bracket and has a swingaway function
Detachable	M2500	M2300	M2200	
				This system includes detachable mounting bracket and has a swingaway function
Swing-away	M5500	M5300	M5200	

<sup>1 —</sup> Size 4 Sub-occipital pads are recommended for use with individuals exhibiting better tone and head control.



## S.O.F.T. Paediatric | Lateral Facial Supports

### STEP 4A

Select pad size and support option.

### STEP 5A

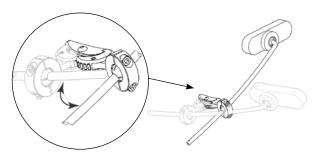
Use table to identify Lateral Facial Support and swing-away mounting bracket part numbers.

### NOTE:A

Two part numbers are required to receive a complete Lateral Facial Support System. Example: LFC20L and LM115







NOTE: All Lateral Supports come with swing-away hardware

	SPOT	STANDARD	LONG	OVAL	LARGE-C	MEDIUM-C	SMALL-C
		©		$\bigcirc$			8
			LATERAL FAC	IAL SUPPORT P	ART NUMBER		
UNILATERAL SUPPORT OPTION	LFC10L	LFC15L	LFC20L	LFC25L	LFC30L	LFC35L	LFC40L
BILATERAL SUPPORT OPTION	(2) LFC10L	(2) LFC15L	(2) LFC20L	(2) LFC25L	(2) LFC30L	(2) LFC35L	(2) LFC40L

## S.O.F.T. Paediatric | Anterior Support Options



### STEP 4B

Select Anterior Support Option and size/colour.

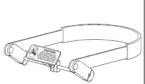
#### STEP 5R

Use table to identify Anterior Support Option part number.





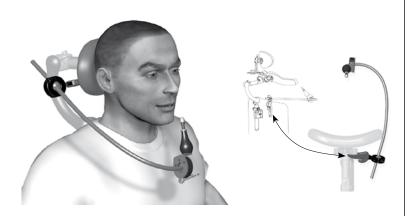




	DYNAMIC FOREHEAD STRAP	DFS <sup>2</sup>	STRAP CAP	HEDZ-UP
ADULT	DFS1	DFSQ1	CAP1 (black)	HU1
PAEDIATRIC	DFS3	DFSQ3	CAP3-R (red)	HU1
			CAP3-B (blue)	

### CUSTOM SOLUTIONS | OPTIONS & ACCESSORIES

### Mini Joystick Mount



The Mini Joystick Mount facilitates precise placement of the joystick through two fully rotational locking joints while maintaining the ability to swing out-of-the-way. The single finger lever release mechanism automatically re-locks in place when returned to the adjusted position. The curved mounting rod allows for both length and rotational adjustment. The system allows mounting options either directly to a Whitmyer Biomechanix head support or to the back of the seating system. LM115 lateral mount ordered separately. Mini joystick not included.

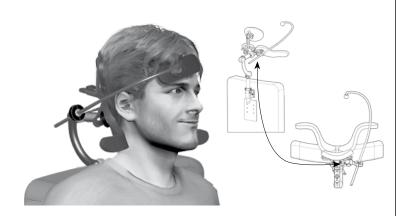
#### Part Numbers:

LM1094 - Mini Joystick Mount

LM1092 - Mini Joystick Mount w/ PLUSH Interface

LM1093 - Mini Joystick Mount w/ CCS Interface

### **Anterior Ballrod**



The Anterior Ballrod allows the precision placement of a positioning pad or switch at or about a person's forehead. It can be mounted from the user's right or left side or from straight over the top and provides consistent placement of pad or switch while maintaining sufficient clearance between the users head and hardware. The swing away mounting bracket features a single finger release mechanism that automatically locks in place when returned to the pre-adjusted position. LM115 lateral mount and pad ordered separately.

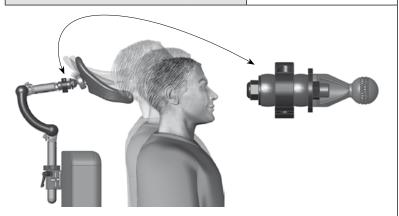
### Part Numbers:

LM2094 - Anterior Ballrod for S.O.F.T.

LM2092 - Anterior Ballrod w/ PLUSH Interface

LM2093 - Anterior Ballrod w/ CCS Interface

### Flex Interface Bracket



The Flex Interface Bracket provides upward flex, travel, and return when the head support is extended against. This dynamic motion assists in maintaining head support contact throughout the user's extensor pattern. The Flex Interface Bracket utilizes elastomeric bushings engineered to supply the correct resistance-to-force while allowing the head support to return to the adjusted position. Used as an interface bracket between the head support mount and contact surface, the Flex Interface Bracket can be used with most Whitmyer Biomechanix head support accessories.

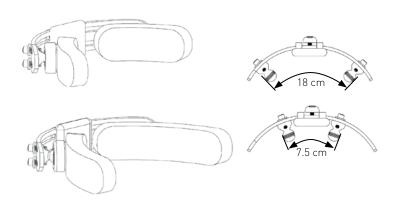
#### Part Number:

M9450 - Flex Interface Bracket



### CUSTOM SOLUTIONS | OPTIONS & ACCESSORIES

### **T-bar Occipital Mount**



T-bar pads placed laterally correct or block lateral flexion or rotation patterns. Bilateral LFC with pads are designed for correction, or blocking of rotation or for maintaining midline head posture. Lateral flexion deviation can be adjusted by applying pads unilateraly. Pads should imitate hand placement during evaluation and/or simulation. Avoid direct pressure on the temple or the area near the eyes and ears.

#### Part Numbers:

PLT15L - T-bar with short pads PLT20L - T-bar with long pads

### Whit Kit



This valuable evaluation tool lets you explore optimal head support solutions. Packed in a sturdy rolling case with telescoping handle, the Whit Kit allows you to transport a full selection of pads, accessories, and mounting options. This unit was designed to aid in the proper selection and application of Whitmyer Biomechanix head supports. The Whit Kit ships complete with a universal "Quick Mount" that allows you to do head support fittings without modifying your client's chair. Its 30cm-60cm range of attachment means it will fit most wheelchairs. Whit Kits are priced very aggressively and are sold at non-discounted dealer prices only.

#### Part Number:

KIT-100 - Whit Kit

### **PRO Off-set Mounting System**



PRO system off-set bracket provides 6.3 cm of rearward adjustment to the horizontal bar. Flipping the horizontal bar will also allow for 6.3 cm of forward adjustment.

### Part Number:

PRC7070 - PRO Off-set Mounting System

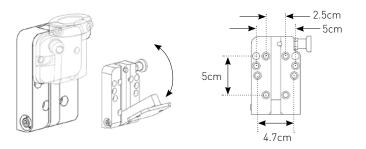
### Imperial Tool Kit

Part Number:

T 2500 - Imperial Tool Kit

### CUSTOM SOLUTIONS | MOUNTING OPTIONS

### **Universal Swing-away Mount**

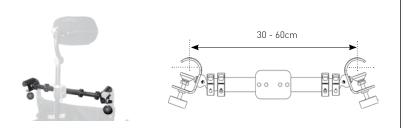


Whitmyer Biomechanix detach brackets attach to our universal swing-away mount. When attached to the swing-away mount, the assembly becomes a combination detach/swing-away mounting bracket.

#### Part Number:

M5000- Universal Swing-away Mount

### Quick Mount

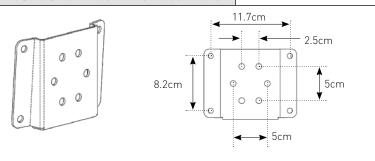


Whitmyer Biomechanix Quick Mount universally attaches head supports to any wheelchair back design without drilling or inserting T-nuts. Utilizing the wheelchair canes as attachment points, the Quick Mount clamps adjust for angled canes or push handles and will accommodate chair widths from 30 - 60cm.

#### Part Number:

M7000- Quick Mount

### **Plastic Shell Back Interface Plate**

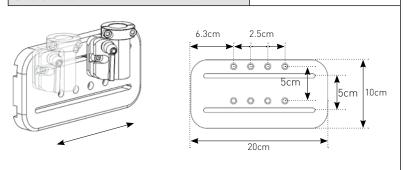


The Plastic Shell Back Interface provides a flat surface to attach mounting brackets to mobility devices with curved backs. It also serves as a reinforcing plate to distribute forces across a larger mounting area.

### Part Number:

M1010- Plastic Shell Back Interface Plate

### **Slide Mount**



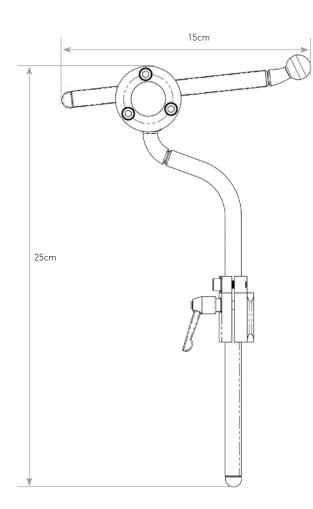
This slotted plastic plate allows the headrest/head support to be positioned in a more perpendicular fashion behind the head of individuals who present with a significant amount of asymmetry. The plate bolts into the chair's existing hole pattern and allows 10 cm of movement left or right. Perfect for trying off-set head support locations, adjusting for misplaced T-nut locations and relocating the head support to be more in line with the direction of applied forces.

### Part Number:

M7010- Slide Mount



## TECH INFO | AXYS Mounting System



The **AXYS** Mounting System is a proven, economical hardware option. A black chrome finish combined with a small profile 1.25cm steel square rod presents a compact, aesthetically pleasing mounting solution. Designed for rigorous applications, ease of adjustment, and simple modifications. This system is compatible with all Whitmyer Biomechanix accessories.

## Adult AXYS mounting system without pad(s) part # AX7010

### Special Considerations:

Rotate horizontal rod 180° for increased pad angle adjustment

Rearward off-set vertical rod available for users with thinner backs

Square vertical rod interface available

### Material: Steel

Finish: Black chrome plated Profile/Size: 1.25cm Square Rod

12cm horizontal rod & 25cm vertical rod

Adjustment Point: Fixed collar clamp at

vertical/horizontal rod interface

Measurement changes when applying base plates:

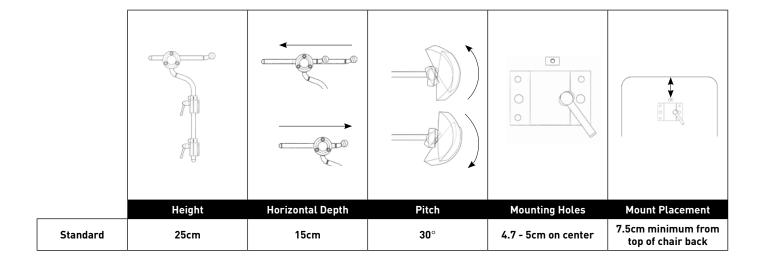
add 4.5cm for S.O.F.T. base plate

### **Mounting Brackets:**

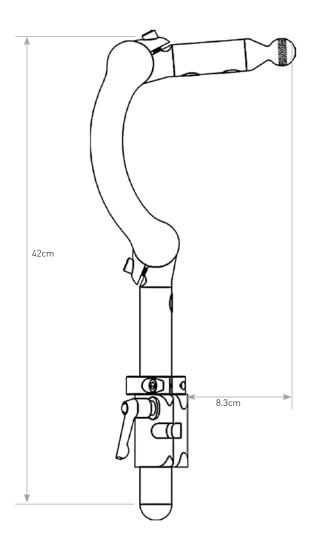
Detachable: M2500 Swing-away: M5500

Material: Aluminium extrusion

Finish: Black anodized



### TECH INFO | LINX Mounting System



The Linx Mounting System features the latest concept in contemporary head support mounting hardware. Combining two simple, unique points of adjustment allows full anterior/posterior fluid movement, creating an infinite range of support surface placement. Satin black tubing with contrasting polished aluminum clamps and knurled mounting ball ensures stay-in-place adjustments with a stylish look.

### LINX mounting system without pad(s) part # LX7000

Special Considerations:

No rearward protrusion and two easily accessible adjustment points simplify the fitting process.

**Material:** Extruded and cast aluminium and stainless

Finish: clamps, clear anodized – knurled ball, clear

polished, tubes, black mat anodized

Profile/Size: 2.2cm tubing

Adjustment Point: Three piece interlocking

pivot system

Measurement changes when applying base plates:

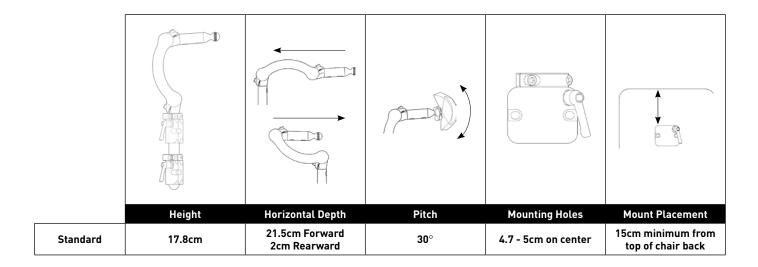
add 4.5cm for S.O.F.T. base plate

### **Mounting Brackets:**

Detachable: M2300 Swing-away: M5300

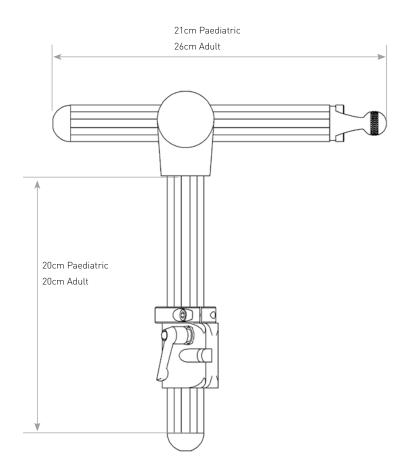
Material: Aluminium extrusion

Finish: Black anodized





### TECH INFO | PRO Mounting System



The PRO Mounting System is a proven hardware option for demanding applications. This mounting system is ideal for use when client strength or strong tonal patterns are an issue. Perfect for institutional environments.

Adult PRO mounting system without pad(s) part # PRC7010

Paediatric PRO mounting system without pad(s) part # PRC7030

### **Special Considerations:**

Rearward Protrusion: horizontal bar easily

trimmed

Rearward off-set bracket available for thinner

backs

**Material:** Aluminium Finish: Black anodized

**Profile/Size:** Adult & Paediatric 3cm custom

extrusion

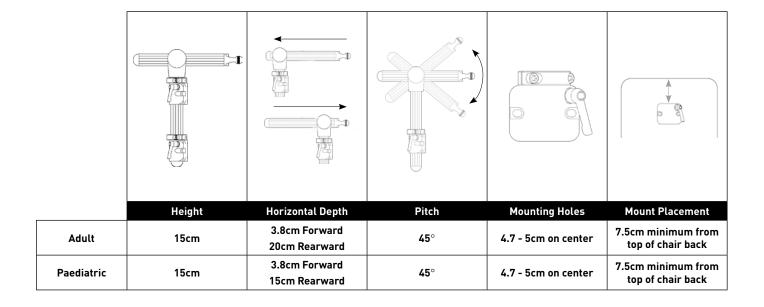
**Adjustment Point:** Horizontal pivot

Measurement changes when applying base

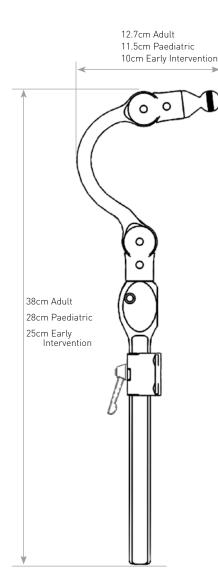
plates:

add 3cm for S.O.F.T. base plate

Mounting Brackets:
Detachable: M2200
Swing-away: M5200
Material: Aluminium
Finish: Black anodized



### TECH INFO | COBRA XTRA Flip Back Mounting System



The COBRA XTRA Flip Back Mounting System is operated by a single push-button on the side of the bracket and neatly flips the assembly back behind the wheelchair back. With superior strength and positioning range, the COBRA XTRA Flip Back Mounting System is available in Small (Early Intervention and Paediatric), Medium (Paediatric), and Large (Adult). The components are modular and easily changed in the field to enable exact positioning of the head support pad – even if the user's head position changes from the time of the initial prescription.

### **Special Considerations:**

All COBRA XTRA Flip Back Mounting Systems are shipped with a detachable mounting bracket but without pad(s) are:

Early Intervention Part # CBRA5080
Paediatric Part # CBRA5030
Adult Part # CBRA5010

The top of the COBRA XTRA vertical rod has an adjustable, locking rotator assembly to allow rotational adjustment as well as front-to-rear adjustment of the shepherd's crook-shaped forward adjustment rod (neck). Low profile design does not impede access from behind

### Material: Aluminum

Finish: Black Anodized

Profile Size: 1.2cm X 2.2cm bar and 1.2cm rod
Early Intervention 7cm neck, 28cm vertical Rod
Paediatric 11.5cm neck, 28cm vertical Rod
Adult 14cm neck, 28cm vertical Rod

**Adjustment Point:** Two point adjustable, locking rotator assembly at intersection of vertical rod and neck plus one point adjustment at pad interface bracket

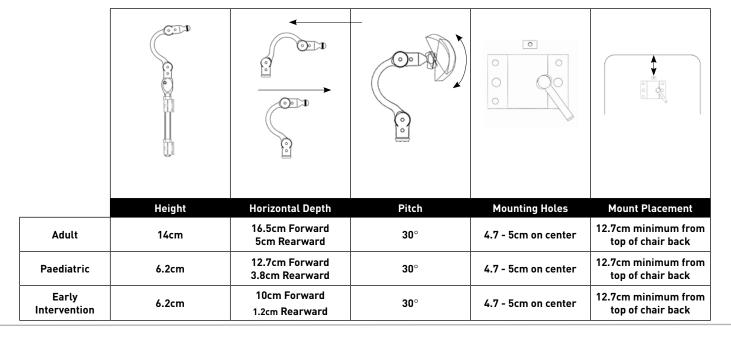
### Mounting Brackets:

Detachable mounting bracket included with all COBRA XTRA Flip Back

Mounting Systems

Material: Aluminium extrusion

Finish: Black anodized





### TECH INFO | PLUSH Pads

Foam: Dual density laminate:

Support layer - 1.6cm thick, latex free closed cell ethylene/propylene rubber blend with laminated self-adhesive flannel loop material for easy foam replacement (black).

**Comfort layer:** 1.9cm thick, open cell polyurethane contact foam (white).

**Panel:** Formed epoxy e-coated steel panel with laminated self-adhesive hook material for easy foam replacement.

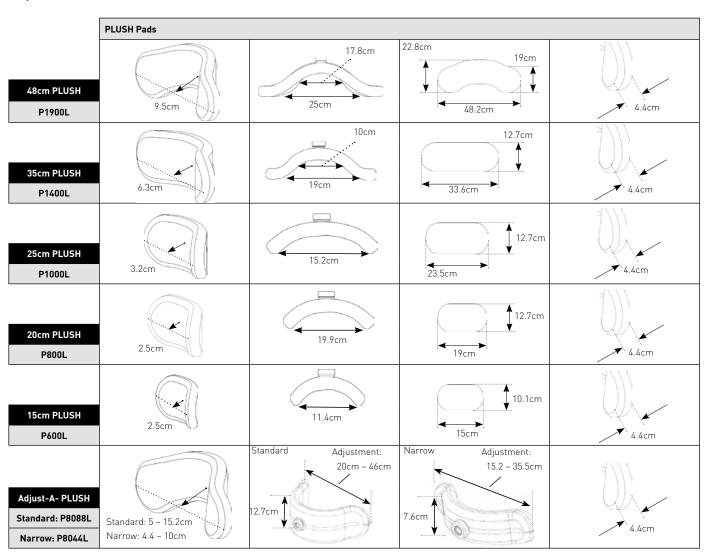
**Collar:** Universal 1.9cm radius split collar, includes vinyl collar cover.

**Cover:** Locking zippered Lycra cover, combination neoprene with laminated Lycra outer fabric and nylon inner fabric (black).

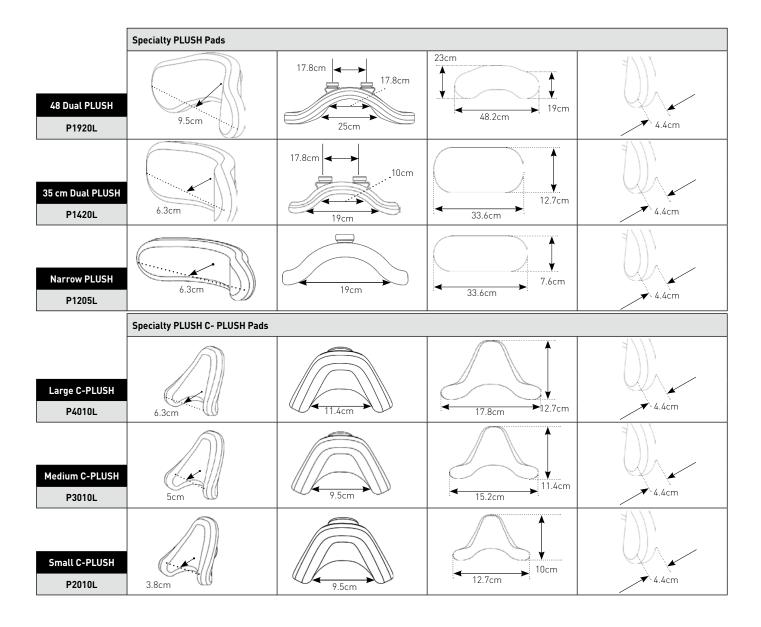
Cover Options: Lycra fabric is standard.

**NOTE:** Measurements may vary due to foam variance.

Washing Instructions: Hand wash in mild detergent and cool water. Lay flat to dry.



## TECH INFO | Specialty PLUSH Pads





## TECH INFO | Occipital & Contoured Cradle Pads

**Foam:** Latex free closed cell ethylene/propylene rubber blend with laminated self-adhesive flannel loop material for easy foam replacement.

**Panel:** Formed epoxy e-coated steel panel with laminated self-adhesive hook material for easy foam replacement.

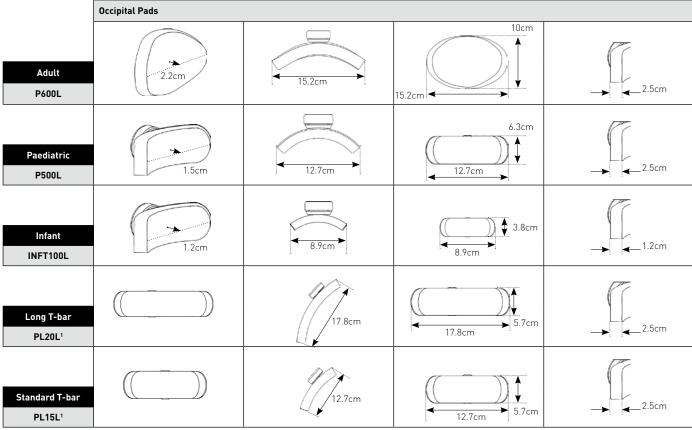
**Collar:** Universal 1.9cm radius split collar, includes vinyl collar cover.

**Cover:** Locking zippered lycra cover, combination neoprene with laminated lycra outer fabric and nylon inner fabric (black).

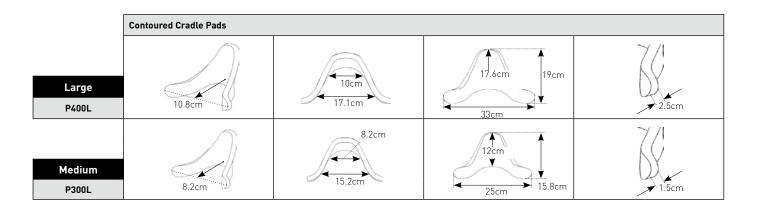
**Cover Options:** Lycra fabric is standard.

**NOTE:** Measurements may vary due to foam variance.

Washing Instructions: Hand wash in mild detergent and cool water. Lay flat to dry.

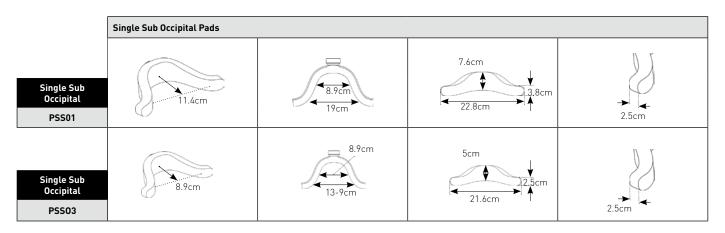


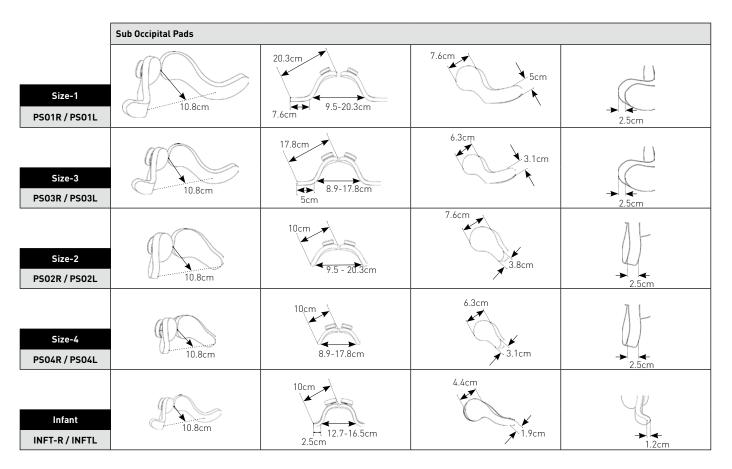
1 -NOTE: PL15 and PL20 pads are shipped flat. Both pads are malleable and can be shaped by hand.



## TECH INFO | Sub-occipital and Single Sub-occipital Pads

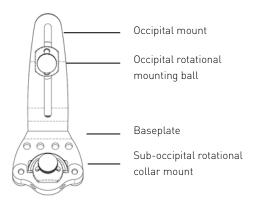
	Contoured Cradle Pads Continued	ontoured Cradle Pads Continued						
Small P200L	5.7cm	8.2cm 12.7cm"	10cm 13.9cm	1.5cm				
Infant INFT200L	3.8cm	5cm 11.6cm	8.9cm 10cm	1.2cm				



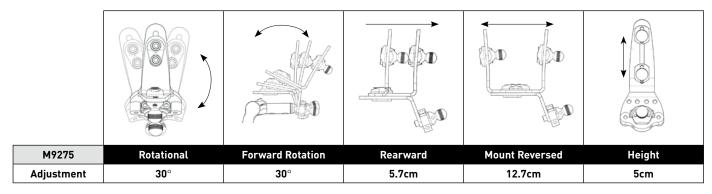




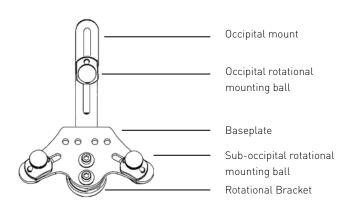
### TECH INFO | S.O.F.T. Single Sub-occipital Base Plate Assembly



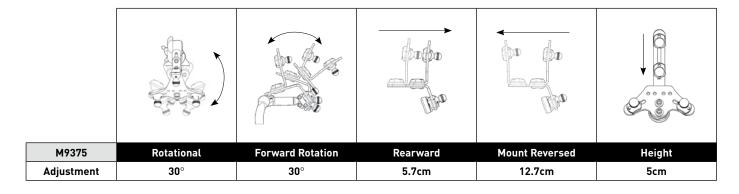
The universal design of the Single Sub-occipital base plate assembly fits on to the horizontal rod of any Whitmyer Biomechanix mounting system. The rotational collar mount allows a full range of tilt and rotation for the complete base plate assembly. Mounted on the occipital bracket, the occipital mount ball allows height and rotational adjustment. Independent anterior/posterior adjustment is achieved through the slotted design of the occipital mount.



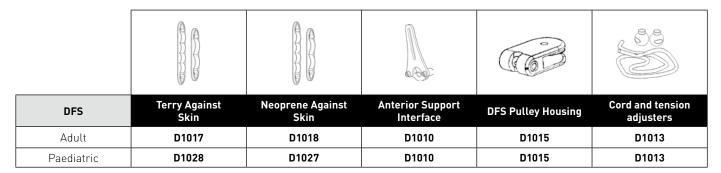
## TECH INFO | S.O.F.T. Adult and Paediatric Base Plate Assembly

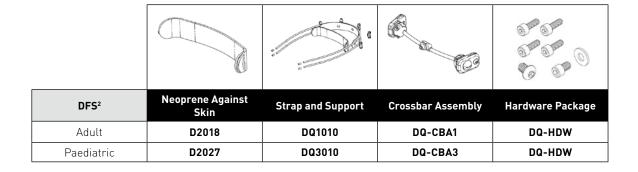


The universal design of the S.O.F.T. base plate assembly fits on to the horizontal rod of any Whitmyer Biomechanix mounting system. Designed for three pad configurations, the rotational collar mount allows a full range of tilt and rotation for the complete base plate assembly. Width adjustable sub-occipital rotational mounting balls ensure even pressure distribution when positioning the pads. The height adjustment of the rotational mount ball, along with the separate depth adjustability of the occipital mount ensure correct anatomical fit for correction/control and support.

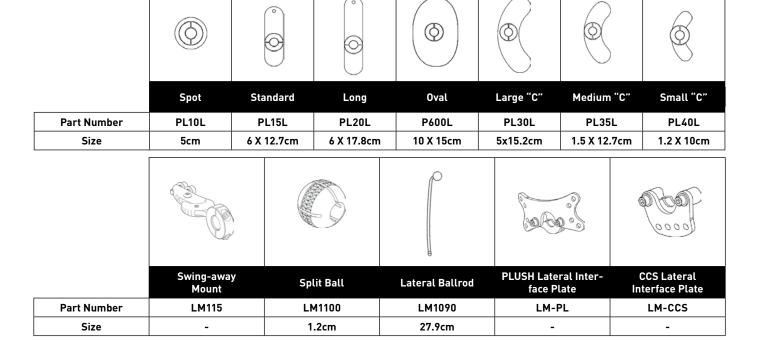


## REPLACEMENT PARTS | Anterior Supports





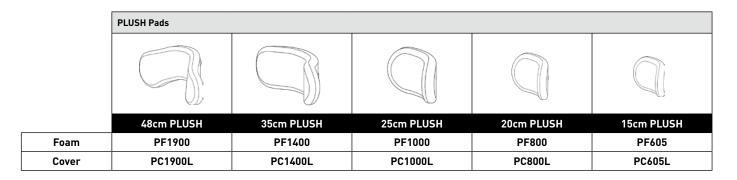
## REPLACEMENT PARTS | Lateral Facial Components

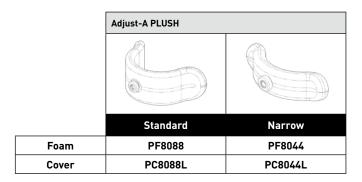


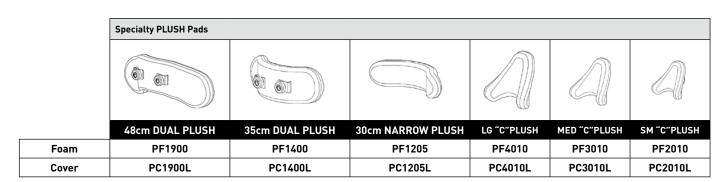


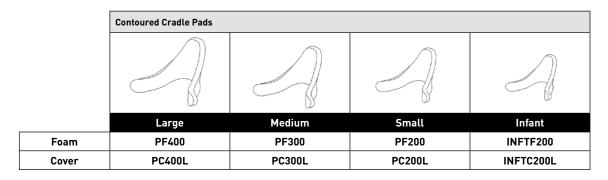
### TECH INFO | Replacement Foam and Covers

Foam and covers are items that experience wear and should be periodically inspected, washed, and replaced. Whitmyer Biomechanix offers a Lycra cover. Refoam kits consisting of foam and self-adhesive hook material are available for all Whitmyer Biomechanix pad configurations. NOTE: Our current refoam kits will also retrofit original S.O.F.T. pad systems (bright chrome). However, to ensure proper fit, new zippered covers must be purchased for these systems.

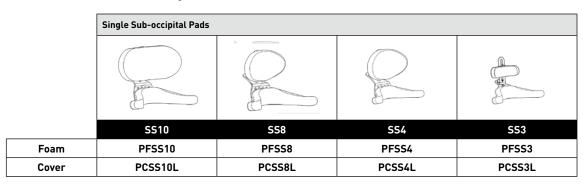


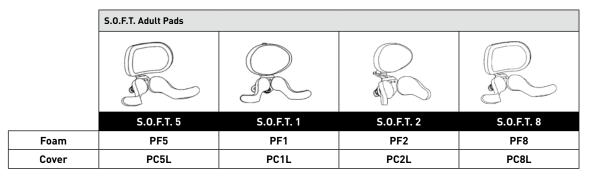


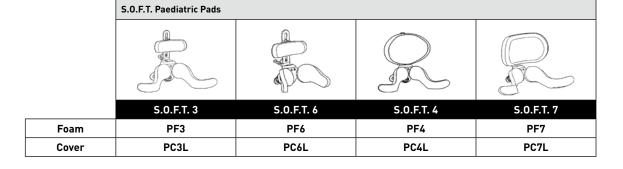




# TECH INFO | Replacement Foam & Covers









Notes



### **Sunrise Medical Limited**

High Street, Wollaston, Stourbridge West Midlands DY8 4PS

Tel.: +44 (0) 845 605 66 88 Fax: +44 (0) 845 605 66 89 www.SunriseMedical.com