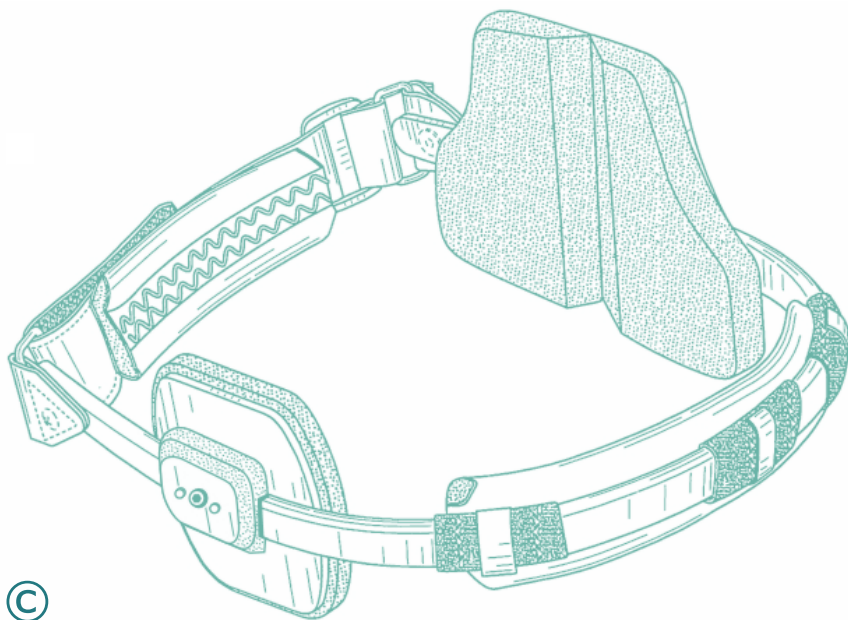


# P4CO<sub>sa</sub>® Pectus Brace



Pectus Carinatum Carbon  
Compressive Chest Orthosis – Self Adjustable

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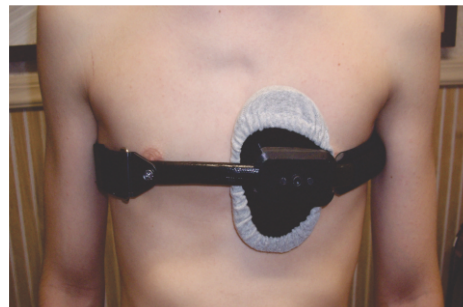
## Product Brochure



# P4COsa<sup>®</sup> Pectus Carinatum Carbon Pectus Brace Compressive Chest Orthosis – Self Adjustable

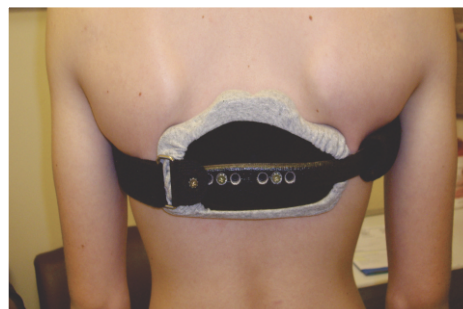
## P4COsa<sup>®</sup>

The photos show our patented P4COsa orthosis on an actual patient. The smooth, uniform design is pleasing to the eye and comfortable to wear. Easily donned and tightened, the P4COsa is ideal for any age or skill level. The soft gel pad and neoprene back pads distribute pressure increasing all day wearing comfort, while the standard fabric coverings protect the skin and allow air circulation.



## Coding Description

Custom made, tension based, carbon fiber sternal kyphosis orthosis with accessory pads, includes fitting and adjustment, sternal pad, thoracic pad, concentric adjustable torsion style mechanism, axillary sling, non-corrosive finish, upright cover, protective body socks (2).  
Optional: Trapezius sling.



## The P4COsa<sup>®</sup> Difference

Surgical correction of Pectus Carinatum has become a rarity since the advent of tension based orthotic treatment. The current designs on the market are functional but leave much to be desired by both practitioner and patient.

At Carbon Based we listened to patient, practitioner and physician's concerns and after years of design refinement, research and patient care outcome analyses, we have created a line of orthoses to address the needs of each group.

## Revolutionary Carbon Fiber Design

The P4COsa is more comfortable to wear and sleep in than other devices, and is recommended for all age groups. It is especially suited for those over 10yrs of age and those with mild to severe deformity. The P4COsa is modular and has adjustability for growth and patient adjustable corrective sternal pressure.

## The P4COsa<sup>®</sup> Difference continued

### Revolutionary Carbon Fiber Design

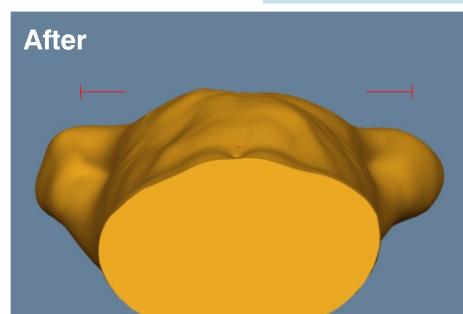
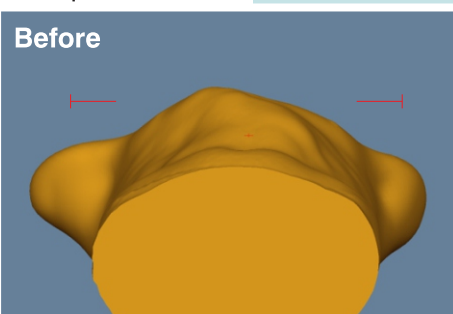
**Our patented, non-invasive P4COsa orthosis is Unparalleled in the treatment of Pectus Carinatum.**

Carbon Fiber construction lends a light weight, sleek profile that disappears under clothes.

Factory set corrective tension is used initially, then as the deformity becomes more supple, the patient has the ability to turn a screw on the front of the orthosis and increase sternal pressure to promote further correction. With a maximum of 3/8" travel on the PACU ( Patient Adjustable Compression Unit ) over tightening of the compression unit, which could cause skin breakdown, can be averted.

A special gel sternal pad and soft thoracic pads apply a gentle, compressive force to flatten the sternal prominence. The gentle compressive forces exerted by the sternal and thoracic pads afford comfort for long term wear, which is crucial to treatment success.

Comparison Scan



Please let me know if you have any questions regarding orthotic selection, fitting or use of our products.



**CarbonBased, LLC<sup>TM</sup>**  
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