



Bremer Halo® System



EXTERNAL BRACING



BREMER HALO® SYSTEM

PATENTED TECHNOLOGY
WORKING FOR YOU AND
YOUR PATIENTS

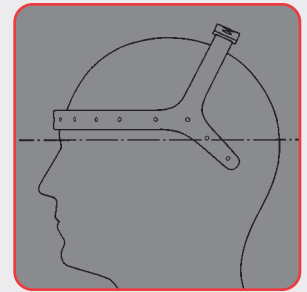
The Bremer Halo System is the most advanced halo system on the market today. Designed for security, strength, and comfort, it offers ease of application and cost-effective treatment for many cervical pathologies.

Bremer's crown and vest systems are fully MRI compatible up to 1.5 tesla and CT compatible to the level of the crown.



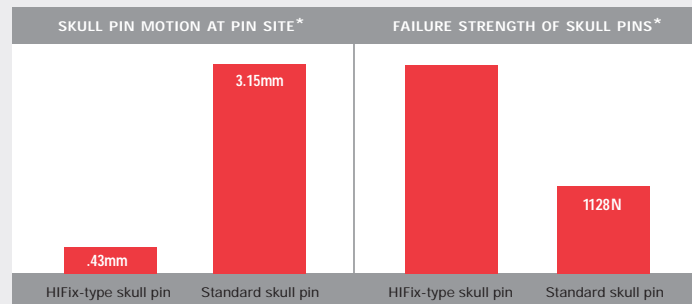
3-D CROWN

- This unique, patented fixation system allows below the equator posterior pin positioning, enhancing security.
- Torque Limiting Caps® provide exceptional accuracy and ease of use, simplifying and shortening crown application time.*
- Capital arch allows a strong, solid crown without additional weight.



HIFix SKULL PIN

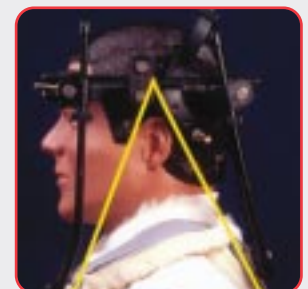
- The HIFix Skull Pin utilizes a unique cutting head to significantly reduce bone destruction and increase failure strength in an in vitro condition.
- As a result, HIFix Skull Pins provide significantly increased initial resistance to transverse loading and reduced skull pin motion at the pin site as compared to the conventional Bremer skull pin.



* Halo pin loosening: a biomechanical comparison of experimental and conventional designs. *Journal of Biomechanics* 31 (1998) pp397-400. Michael J. Voor, Cyna Khalily.

AIRFLO VEST

- Superior toothed joints are exceptionally strong and do not come loose, improving patient safety and freeing the caregiver from periodic retorquing of loose vest joints.
- Patented roll-edge construction significantly improves patient comfort by allowing for a lighter weight and smaller size, while improving vest strength.
- The superstructure is highly adjustable, offering exceptional flexibility to meet patients' needs while remaining lightweight and strong.



* For use on adult patients with sufficient bone quality only.



CLASSIC II™ VEST SYSTEM

The Bremer Classic II vest system, compatible with all Bremer Rings and Crowns as well as Ace Trippi-Wells* and Universal Tongs*, is designed to fit most adults and provide a cost-effective alternative to the AirFlo vest.



PEDIATRIC SYSTEM

The Bremer Pediatric System, with two vest sizes and two ring sizes, is designed to optimize halo traction for very small children and infants.



UNIVERSAL AND TRIPPI-WELLS TONGS

The Ace tong systems are designed to provide maximum fixation for traction while providing ease of use and the ability to be attached to an Ace or Bremer* halo vest for mobile halo fixation.



KYPHOSIS VEST

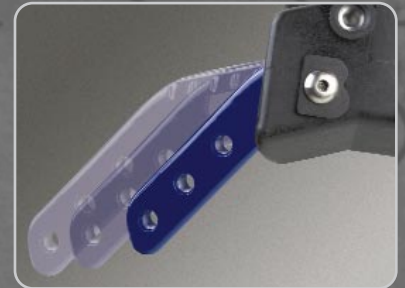
The Bremer Kyphosis vest is specifically designed to provide ease of use and flexibility of application for highly kyphotic patients.

* Require part #CLP010.

3-D CROWN

THE ONLY FULLY ADJUSTABLE HALO CROWN

- Optimized anterior pin position – Movable anterior pin sliders allow optimal medial/lateral pin positioning.
- One size fits all – Posterior pin holders adjust to fit various head sizes allowing one crown to fit most adults.
- Optimized pin/skull angle – Anterior pin sliders available in 0° and 12° angles to optimize pin/bone angle for straight or sloped foreheads.



HIFIX™ SKULL PIN

THE MOST SIGNIFICANT IMPROVEMENT IN HALO SKULL PINS

- Unique cutting tip head reduces bone destruction.
- Provides the opportunity for significantly improved skull pin fixation.
- Standard application procedure for ease of use.



AIRFLO® VEST

THE ONLY VACUUM-FORMED HALO VEST IN THE WORLD

- Two sizes fit 98% of all adults, reducing inventory and simplifying vest selection.
- Slim profile and light weight provide improved patient comfort.
- Large posterior openings maximize ventilation, improving patient comfort and reducing potential for skin problems.
- Short vest length allows enhanced patient range of motion while reducing skull pin stress and cervical motion.



Limited Warranty and Disclaimer: DePuy AcroMed products are sold with a limited warranty to the original purchaser against defects in workmanship and materials. Any other express or implied warranties, including warranties of merchantability or fitness, are hereby disclaimed.

The Bremer Halo® System is covered by U.S. Patents 4,612,930; 4,838,264; 5,121,741; 5,122,132; and Des. 313,471. AirFlo® is covered by U.S. Patent 5,121,741. HIFix™ is covered by U.S. Patent 6,159,210. Torque Limiting Caps® is covered by U.S. Patent 4,838,264. Additional U.S. Patents are pending and foreign patents are issued and pending.

WARNING: In the U.S.A., this product has labeling limitations. See package insert for complete information.

CAUTION: U.S.A. Law restricts these devices to sale by or on the order of a physician.

DEPUY ACROMED IS A JOINT VENTURE WITH BIEDERMANN MOTTECH GMBH.

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TO ORDER, CONTACT YOUR DEPUY ACROMED REPRESENTATIVE, CALL 800-227-6633 OR FAX 508-828-3236.



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