

Meeting the surgical challenge: Chest wall reconstructions



Gore offers **TWO great options** for your chest wall soft tissue deficiency repairs.

The first is the **GORE-TEX® Soft Tissue Patch**, a specialty biomaterial constructed entirely of expanded polytetrafluoroethylene (ePTFE) designed to meet the needs of the most demanding soft tissue repairs with minimal complications. The second is **GORE® DUALMESH® Biomaterial**, which is the first dual-surface material constructed entirely of ePTFE that encourages host tissue ingrowth while minimizing tissue attachment in soft tissue reconstruction.

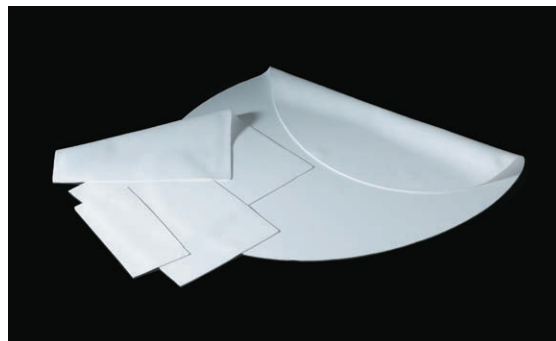
A key advantage of Gore ePTFE devices in chest wall reconstruction are their structures that inhibit the passage of fluid.¹ This helps in re-establishing pulmonary function by restricting air leakage and preventing the transfer of pleural fluid across the chest wall. The material's high, balanced strength:

- Allows the tension needed for a firm reconstruction that minimizes paradoxical wall movement
- Provides dependable suture retention

Yet, the material remains soft and highly conformable, allowing:

- Ease of handling
- Less irritation to surrounding tissues

Tissue ingrowth is encouraged by the structure of this unique material. This results in a significantly lower incidence of adhesion formation.² It combines strength with softness to provide unmatched performance and superior handling.



GORE-TEX® Soft Tissue Patch



GORE® DUALMESH® Biomaterial

GORE-TEX® Soft Tissue Patch

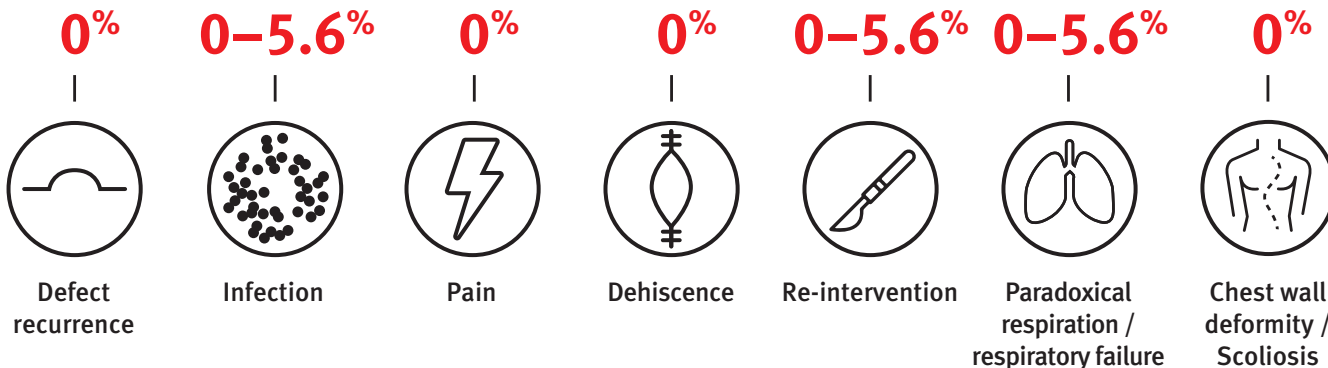
Five key studies demonstrate quality outcomes in chest wall soft tissue deficiencies.*



Literature Summary^{†,3-7}

Follow-up 24–72.7 months | 114 patients, Gore devices

Case series population includes chest wall reconstruction in adults



* Data on file 2020; W. L. Gore & Associates, Inc.; Flagstaff, AZ.

† These papers do not represent direct, head-to-head comparisons and may involve unique protocols, endpoints, enrollment criteria and other material differences.

GORE® DUALMESH® Biomaterial

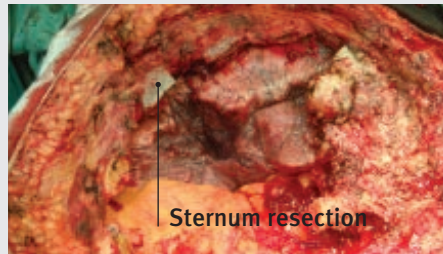
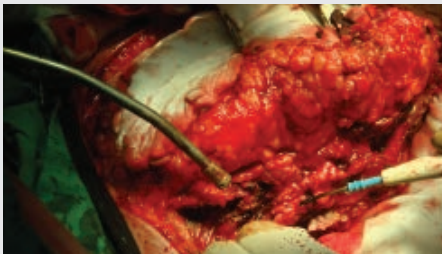
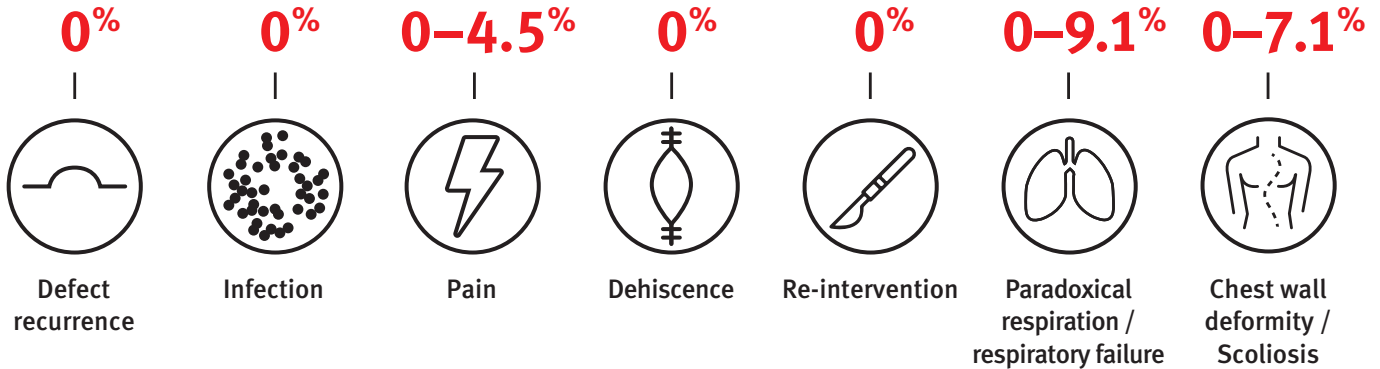
Five key studies demonstrate quality outcomes in chest wall soft tissue deficiencies.*



Literature Summary^{†,8-12}

Follow-up up to 36 months | 52 patients, Gore devices

Case series population includes pectus excavatum and chest wall reconstructions in pediatrics and adults



Procedure: Tumor and sternum resection including preparation of an abdominal flap. GORE® DUALMESH® Biomaterial is used to cover the osseous defect, site of the ribs and sternum. In this case, a 26 cm × 34 cm × 2 mm patch is used.

Images courtesy of Vassilios N. Vassiliadis, M.D, Ph.D. © 2020

For more information call your field sales associate or visit goremedical.com

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