DON’T LET YOUR CHEST TUBE BLOCK YOUR PATIENT’S RECOVERY.

FLOW BETTER

WITH PLEURAFLow® ACTIVE CLEARANCE TECHNOLOGY™
More than **36%** of patients suffer from **blocked chest tubes**.

Blocked chest tubes can lead to **Retained Blood Complications** in your patients.

Patient outcomes and **healthcare costs** are seriously impacted by RBC.

A recent prospective study found that of these failures, **86% are intra-thoracic and invisible to bedside caregivers**. The crucial hours post-surgery, when the patient is still bleeding, are vitally important. Why risk patient outcomes on a conventional chest tube to evacuate blood from the surgical site?

Retained Blood Complications (RBC) causes multiple mechanical and inflammatory complications that may lead to additional interventions and readmissions. ²,³

### Complications Requiring Intervention*

<table>
<thead>
<tr>
<th>Acute</th>
<th>Sub-Acute</th>
<th>Chronic</th>
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<tbody>
<tr>
<td>3-6%</td>
<td>9-12%</td>
<td>2-3%</td>
</tr>
<tr>
<td>pericardial tamponade, hemothorax</td>
<td>bloody pleural (9-12%) and pericardial (2%) effusions</td>
<td>constrictive pericarditis, fibrothorax</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Hours</th>
<th>Days</th>
<th>Weeks</th>
<th>Months</th>
<th>Years</th>
</tr>
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| 16-23% combined |

*References available upon request.

### Unreimbursable Costs Per Patient with RBC⁴

- **Cost of Care**: $28,814 per RBC
- **Length of Stay**: 5.8 days increased
- **Mortality Rate**: doubled 3% to 6%

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⁴References available upon request.
KEEP CHEST TUBES CLEAR

with PleuraFlow® Active Clearance Technology™ (ACT)

Developed by cardiac surgeons, PleuraFlow ACT is a unique system that proactively clears chest tubes and prevents the retention of blood in the chest cavity. ACT technology is used to maintain tube patency and clears the pathway to a successful recovery before and after discharge.

Clearance Loop enables proactive clearance of thrombus obstruction from the chest tube and provides real-time patency feedback.

Improve Patient Safety
By eliminating accumulated blood and fluid at the surgical site, you reduce risky and unwanted complications. Plus, you will never again have to break sterility in order to clear a clogged tube.

Minimize Patient Discomfort
Our 20FR PleuraFlow removes nearly triple the amount of blood than a traditional 32FR drain (525 ml vs. 183 ml) and your patients will benefit from a smaller and more flexible silicone tube.

Reduce Hospital Costs
Prevention of a single Retained Blood Complication incident may cover the cost of using PleuraFlow ACT in 100 cardiac surgery patients.
ACT NOW

Improve Outcomes, Lower Costs

Learn more about the innovative new technology of PleuraFlow® Active Clearance Technology™ (ACT).

info@clearflow.com

www.clearflow.com

Contact your local representative:

Ordering Information

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>PF-20</td>
<td>20FR PleuraFlow ACT System*</td>
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<td>PF-24</td>
<td>24FR PleuraFlow ACT System*</td>
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<td>PF-28</td>
<td>28FR PleuraFlow ACT System*</td>
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<tr>
<td>PF-32</td>
<td>32FR PleuraFlow ACT System*</td>
</tr>
</tbody>
</table>

* PleuraFlow ACT System includes a straight silicone chest tube and clearance apparatus.

References


4. 2010 Nationwide Inpatient Sample (NIS), from the DHHS Agency for Healthcare Research and Quality (AHRQ) Healthcare Cost and Utilization Project (HCUP). Data extracted using ICD-9 codes from over 313,000 US adult heart surgery patients. Analysis performed by Fletcher Spaght, Inc.