

SternaLock Blu Study

Disclaimer

The information being presented is of a general nature and does not represent or constitute medical advice or recommendations and is for medical education purposes only. The information includes descriptions of conditions that a surgeon may encounter and treatment options that may be considered for those conditions.

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*Results provided in this presentation are based on study findings only – your patient outcomes and financial results may vary.

This presentation is a **summary** of the Studies and articles entitled, *CR 0712: An Evaluation of Rigid Plate Fixation in Supporting Bone Healing: A Prospective, Multi-Center Trial: Final Study Report(CR 0712S & CR 0712E)*

Sternal Closure With Rigid Plate Fixation Versus Wire Closure: A Randomized Controlled Multicenter Trial., Ann Thoracic Surg 2012;94:1854-1861

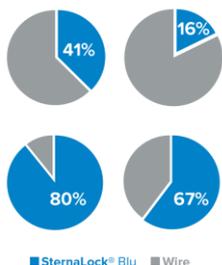
Jaishankar Raman, Sven Lehmann, Kenton Zehr, Brian J. De Guzman, Lishan Aklog, H. Edward Garrett, Heber MacMahon, Brian M. Hatcher and Michael S. Wong,

Allen et al. Randomized, multicenter trial comparing sternotomy closure with rigid plate fixation to wire cerclage. *Journal of Thoracic and Cardiovascular Surgery.* <http://dx.doi.org/10.1016/j.jtcvs.2016.10.093>; 2016

Nothing in this presentation should be construed as a substitute for reviewing the actual study or clinical information itself. Any reference to the content within this presentation must be accompanied by provision of the actual study.

What's Our Story

IMPROVED HEALING



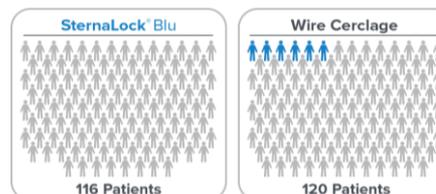
2.6X
MORE PATIENTS HEALED
3 MONTHS

1.2X
MORE PATIENTS HEALED
6 MONTHS

■ SternaLock® Blu ■ Wire

FEWER STERNAL COMPLICATIONS

Patients treated with SternaLock Blu experienced fewer sternal complications (p = 0.03).



0% vs 5%



REHAB & RECOVERY

Patients treated with SternaLock Blu spent fewer total days in rehab hospitals or skilled nursing facilities.



ECONOMICALLY DOMINANT SOLUTION

PROVEN COST SAVINGS

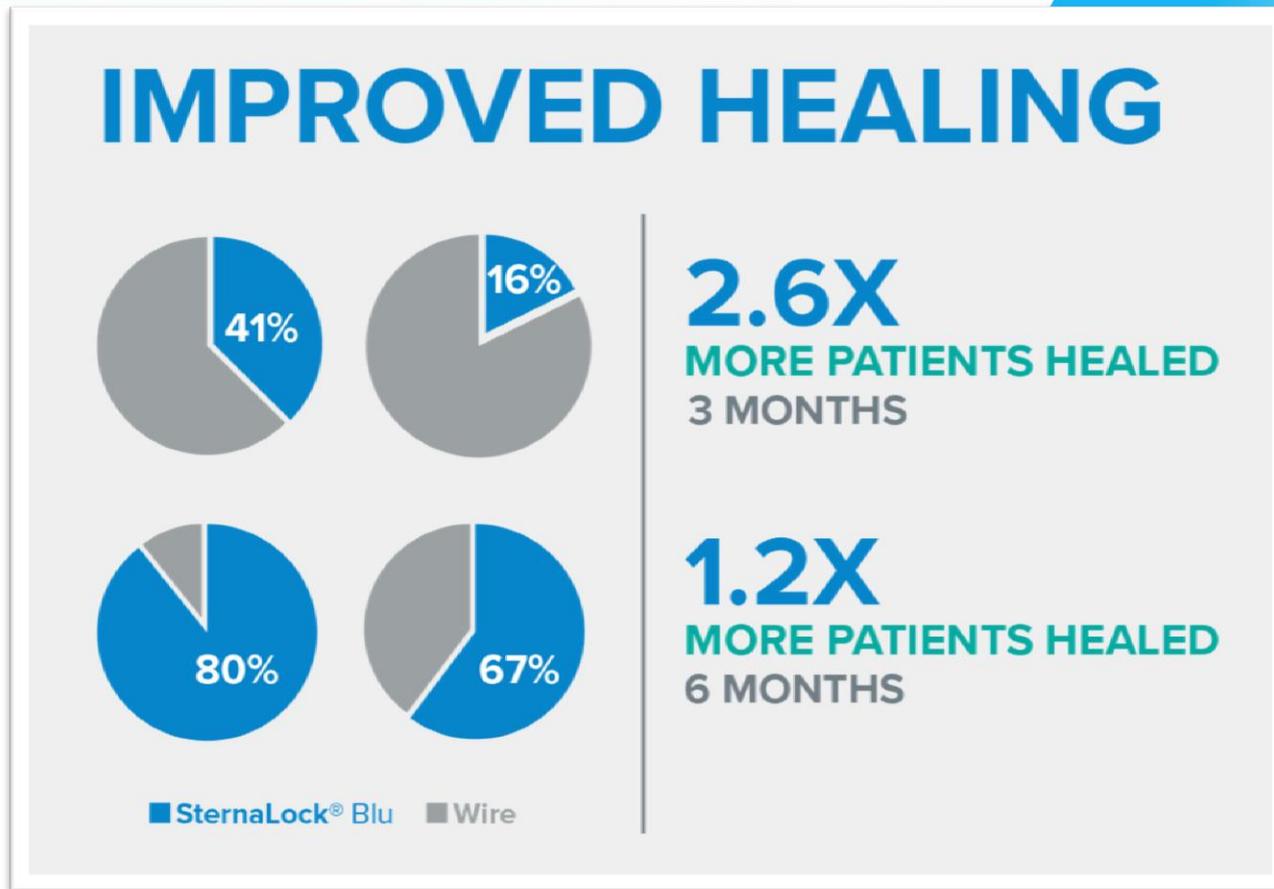
- 1. Healing Matters:** Patients treated with SternaLock Blu experienced improved and faster sternal healing at three and six months.¹
- 2. Complications Matter:** Patients treated with SternaLock Blu experienced fewer sternal complications.¹
- 3. Recovery Matters:** Patients treated with SternaLock Blu spent fewer days in rehab hospitals or skilled nursing facilities.^{1,2,3}
- 4. Cost Matters:** SternaLock Blu resulted in total cost savings over three and six months.³

1. CR 0712S (Clinical Study Report) SternaLock Blu Study, 2014-15, an evaluation of rigid plate fixation in supporting bone healing: a prospective, multi-center trial of 236 total patients undergoing full midline sternotomy.

2. SternaLock Blu patients spent a total of 237 total fewer days in rehab hospitals or skilled nursing facilities over 6 months. 705 total days for wire cerclage patients (n=120) vs. 468 total days for SternaLock Blu patients (n=116).

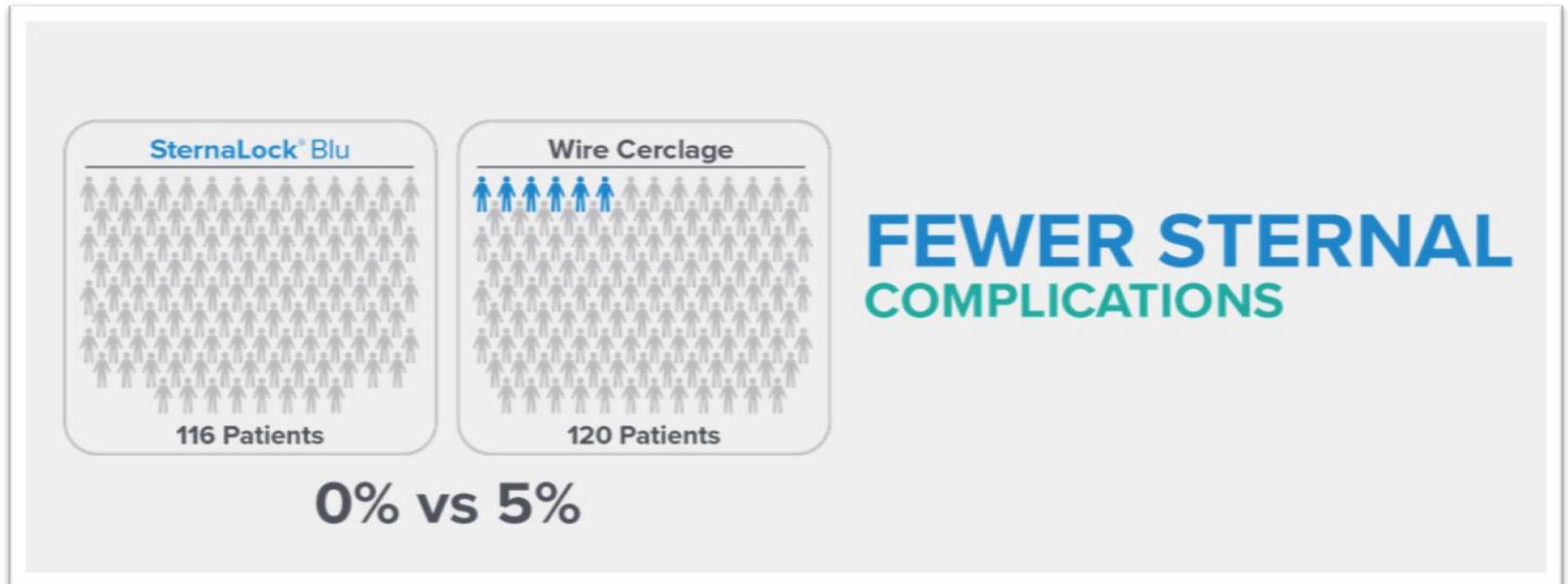
3. CR 0712E (Economic Study Report) SternaLock Blu Study, 2014-15, an evaluation of rigid fixation in supporting bone healing; a prospective, multi-center trial of 236 total patients undergoing full midline sternotomy

Improved Sternal Healing



Healing Matters: Patients treated with SternaLock Blu experienced improved and faster sternal healing at three and six months.¹

Fewer Sternal Complications



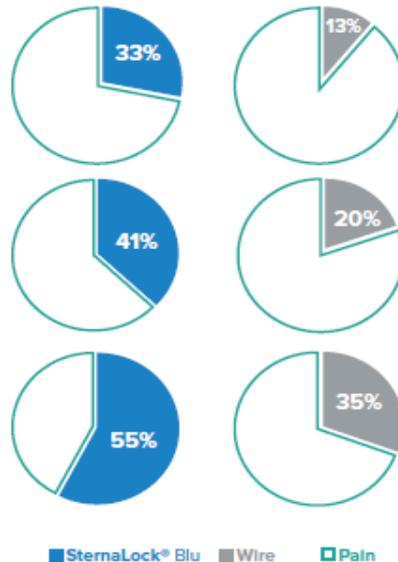
Complications Matter: Patients treated with SternaLock Blu experienced fewer sternal complications.¹

Reduced Postoperative Pain



POST-OPERATIVE PAIN COUGHING PAIN

Significantly more patients treated with SternaLock Blu had no pain after coughing at one week ($p = 0.07$), three weeks ($p = 0.001$) and six weeks ($p = 0.005$).



2.5x
MORE PATIENTS PAIN FREE
1 WEEK ($p = 0.07$)

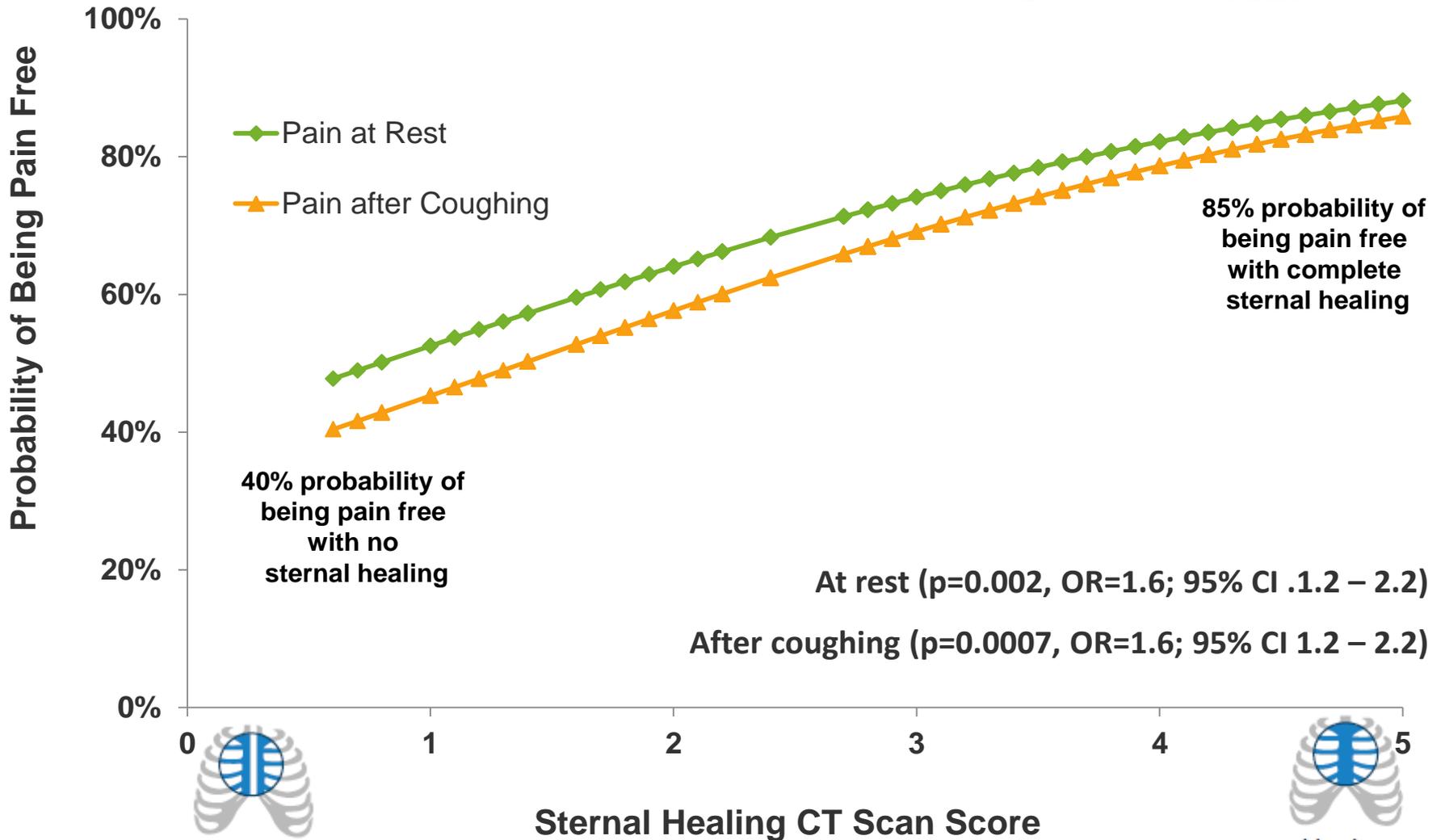
2.1x
MORE PATIENTS PAIN FREE
3 WEEKS ($p = 0.001$)

1.6x
MORE PATIENTS PAIN FREE
6 WEEKS ($p = 0.005$)

Recovery Matters: Patients treated with SternaLock Blu experienced less postoperative sternal pain.^{1,2}



AS PATIENTS HEAL, THE PROBABILITY OF BEING PAIN FREE INCREASES



Less Time in Rehab and Recovery



REHAB & RECOVERY

Patients treated with SternaLock Blu spent fewer total days in rehab hospitals or skilled nursing facilities.

Recovery Matters: Patients treated with SternaLock Blu spent fewer days in rehab hospitals or skilled nursing facilities.^{1,2}

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Economically Dominant Solution

ECONOMICALLY DOMINANT SOLUTION PROVEN COST SAVINGS



Technologies that improve outcomes without increasing costs are considered economically dominant

Cost Matters: SternaLock Blu resulted in total cost savings at 3 and 6 months.³

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