

# CONTAINERS COST MORE THAN YOU THINK. TAKE A CLOSER LOOK.

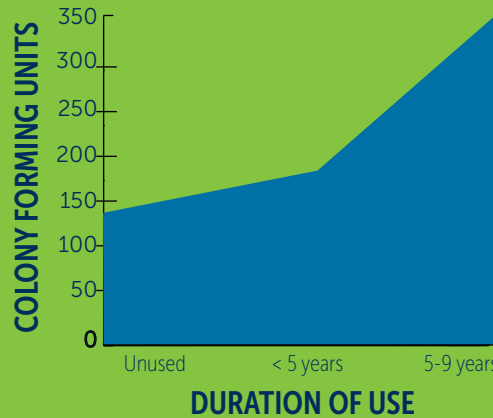
CLINICAL

A recent independent study showed – **after** sterilization

**87%**

of rigid containers do not maintain sterility through transport and handling. *Shockingly, even new rigid containers showed contamination.*<sup>1</sup>

Also uncovered was the fact that as containers got older they failed more frequently and more drastically<sup>1</sup>



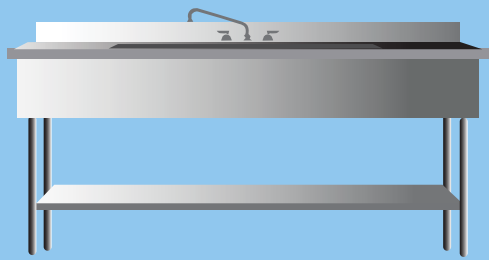
Wrap innovations such as SMART-FOLD\* with **QUICK CHECK\* BREACH DETECTION** makes breach **IDENTIFICATION POSSIBLE**

AND INSPECTION

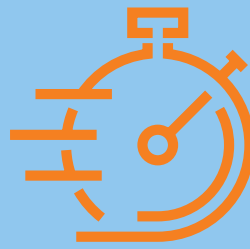
**86% faster**<sup>5</sup>



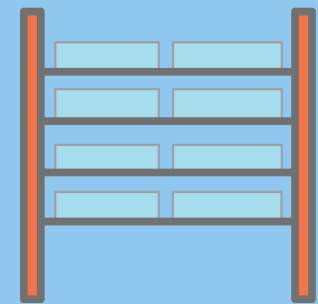
TIME & EFFICIENCY



In Decontamination each Container takes approximately **30** seconds to break down, costing SPD **150 hrs** each month<sup>‡</sup>



Reducing the mix of containers can help improve efficiency by an average of **20%**<sup>2</sup>



Using modular storage and wrapped trays can save you up to **50%** on space in your SPD<sup>4</sup>

FINANCIAL

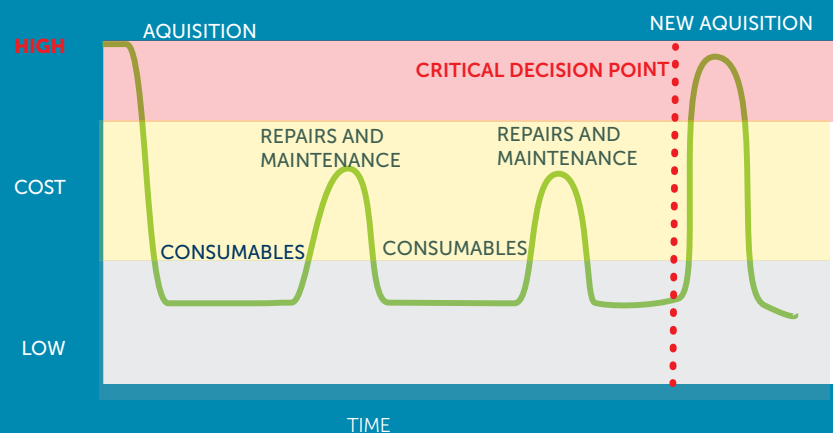
Replacement cost can be

**\$20,000** per year



*...just to maintain current container volume!*<sup>3</sup>

## RIGID CONTAINER COST CYCLE<sup>6</sup>



If you'd like to know more about the hidden cost of containers, visit: [www.halyardhealth.com/patientsafety](http://www.halyardhealth.com/patientsafety)



1 Shaffer HL<sup>1</sup>, Harnish DA<sup>1</sup>, McDonald M, Vernon RA, Heimbuch BK<sup>1</sup>. Sterility maintenance study: Dynamic evaluation of sterilized rigid containers and wrapped instrument trays to prevent bacterial ingress. Am J Infect Control. 2015 Dec 1;43(12):1336–1341. <sup>1</sup>Harry L. Shaffer MS, Delbert A. Harnish MS, and Brian K. Heimbuch MS contributed to/authored the above article at the time they had a financial consulting relationship with Halyard Health, Inc.; however, they were not compensated by Halyard Health, Inc. for their respective contributions/authorship of the article.

2 Sproule R. Analysis of Sterilization Container vs. Sterile Wrappers In a Sterile Processing Department. 2012. Summary report published in Healthcare Purchasing News; 2013Oct, p.52. Full study available from: <http://www.halyardhealth.com/media/233192/A-Timed-Comparison-of-Containers-vs-Sterile-Wrappers.pdf>

3 ORC International, Halyard Health, Inc. sponsored study. Rigid Containers Market Opportunity & Dynamics; 2017Jan25. Copy available upon request.

4 Belintra Inc. Efficiency of Belintra UBeflex® Open Storage vs. Chrome Wire Storage. 2017Jan. Used with the express permission of Belintra, Inc.

5 Kurt Salmon and Associates, Halyard Health, Inc. sponsored study (through Kimberly-Clark, Halyard's predecessor). 2009 November 12. Copy available upon request.

6 Chart created by Halyard Health, Inc. reflecting general common knowledge about market dynamics and function.

‡ Using an average of 600 containers processed daily.

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