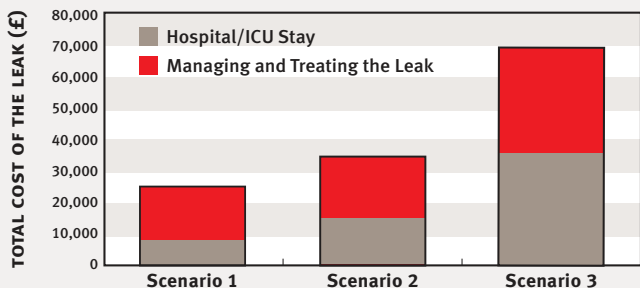


Potential Cost Savings with GORE® SEAMGUARD® Bioabsorbable Staple Line Reinforcement

Average Cost of Treating a Leak – Post-Sleeve Gastrectomy



Scenario 1

Early leak with sepsis
4 week hospital stay

Scenario 2

Early leak with sepsis
6 week hospital stay

Scenario 3

Early leak with sepsis
12 week hospital stay

Data Sources

Procedure costs were derived from NHS Reference Costs (2010/11), using the National Average values. Drug costs were derived from the British National Formulary (BNF 2012). Procedure costs cover the staff time, preparation and use of equipment and consumables directly related to the procedure. Surgical procedure costs also include the cost of an average expected hospital stay which varies from procedure to procedure. In the scenarios presented, these average hospital stays have been subtracted from the overall length of stay to avoid double-counting for hospital stays. Unit costs for parenteral and enteral feeding are assumed to be daily costs.

The procedure cost estimate is intended to cover the staff time, preparation and use of equipment and consumables directly related to the procedure. The surgical procedure cost estimate is intended to include the cost of an average expected hospital stay, which varies from procedure to procedure. In the scenarios presented, the average hospital stays have been subtracted from the overall length of stay, to avoid double-counting for hospital stays. The unit cost estimate for parenteral and enteral feeding are assumed to be daily costs.



SEAMGUARD®
BIOABSORBABLE

STAPLE LINE REINFORCEMENT

PERFORMANCE
through innovation

Savings with GORE® SEAMGUARD® Bioabsorbable Staple Line Reinforcement*

- The cost of a leak can vary depending on the severity, how it is treated, and the length of stay. According to Gagner 2011¹, the leak rates in sleeve gastrectomy are:

Reinforcement Type	#of Patients With Leaks	#of Patients Without Leaks	% of Leak Occurrence	p Value Compared to Absorbable Reinforcement [GORE® SEAMGUARD® Bioabsorbable Staple Line Reinforcement]
Absorbable Reinforcement [GORE® SEAMGUARD® Bioabsorbable Staple Line Reinforcement]	6	587	1.0	
No Reinforcement	28	864	3.2	0.005 [†]
Over Sewing (Suture)	64	2719	2.4	0.026 [†]
Bovine Pericardium Reinforcement	6	199	3.0	0.060

[†] Absorbable reinforcement [GORE® SEAMGUARD® Bioabsorbable Staple Line Reinforcement] resulted in a significant reduction in leaks

- If you perform 100 sleeve gastrectomies a year, you could avoid 2 leaks per year with GORE® SEAMGUARD® Bioabsorbable Staple Line Reinforcement
 - Treating 2 leaks at £68,980 to treat is greater than the average cost of GORE® SEAMGUARD® Bioabsorbable Staple Line Reinforcement

* These scenarios do not take in consideration the impact on patient mortality, morbidity and quality of live, the burden on the patient's family and care givers, the social costs, and the loss of reputation for both the surgeon and the hospital.

1. Gagner M. Meta-analysis of leaks following laparoscopic sleeve gastrectomy. Presented at the XVI World Congress of the International Federation for the Surgery of Obesity and Metabolic Disorders (IFSO); August 31-September 3, 2011; Hamburg, Germany. *Obesity Surgery* 2011;21(8):958. Abstract PL 02-05.



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