

Here is our Sleeve Gastrectomy Leak data – where is theirs?

GORE® SEAMGUARD® Bioabsorbable Staple Line Reinforcement has shown proven success in reducing leaks in sleeve gastrectomy – **check the numbers yourself.**

All Published Papers on GORE® SEAMGUARD® Reinforcement Sleeve Gastrectomy Leak Rates¹

PAPER	# OF PATIENTS WITHOUT LEAKS	# OF PATIENTS WITH LEAK	LEAK RATE (%)
Consten, 2004	10	0	0.00
Moy, 2008	133	2	1.48
Saber, 2008	7	0	0.00
Lewis, 2009	42	0	0.00
Saber, 2009	6	0	0.00
Kockerling, 2009	38	0	0.00
Gentileschi, 2010	8	0	0.00
Chowbey, 2010	75	0	0.00
Diamantis, 2010	25	0	0.00
Jacobs, 2010	155	2	1.27
Dapri, 2010	23	2	8.00
Nath, 2010	99	1	1.00
Simon, 2011	57	2	3.39
Ayloo, 2011	69	0	0.00
Gluck, 2011	204	0	0.00
Diamantis, 2011	19	0	0.00
Zhang, 2011	45	0	0.00
Slater, 2011	164	1	0.61
Nguyen, 2012	50	0	0.00
Chopra, 2012	170	4	2.30
Albanopoulos, 2012	46	2	4.17
Sub-total	1445	16	1.10
Gentileschi, 2012	40	0	0.00
Dey, 2013	50	0	0.00
Eisenberg, 2013	70	1	1.41
Durmush, 2014	332	0	0.00
D'Ugo, 2014	61	2	3.17
Pham, 2014	23	0	0.00
Noel, 2014	10	0	0.00
Elli, 2014	408	1	0.24
Gomberawalla, 2014	72	0	0.00
Schraibman, 2014	48	0	0.00
Barreto, 2015	857	3	0.35
Sub-total	1971	7	0.35
Total	3416	23	0.67%

¹Leak rate weighted appropriately based on study size

- More than 30 peer-reviewed published papers from dozens of centers
- Now over 3000 patients
- Average leak rate is 0.67% (0 leaks in 21 papers)

Papers included in Gagner Publication¹

Papers published since Gagner Publication¹



Average leak rate for GORE® SEAMGUARD® Reinforcement

PERFORMANCE
through innovation

We would like to point out some differences between data presented in two recent systematic review papers on staple line reinforcement.

Comparison between the Gagner¹ and Shikora² papers on leak rates using different reinforcement methods:

	Gagner ¹	Shikora ²
Only peer-reviewed papers	✓	✗
Procedure type	Sleeve Gastrectomy	Gastric Bypass and Sleeve Gastrectomy
Leak location could be explained from reviewed publications	✓	✗
All data includes citations	✓	✗
Analyses weighted appropriately for statistical analysis	✓	✓
Included all published studies	✓	✓

Because the methods were not similar, significant difference in the results exist:

Differences in Key Results:

	Gagner ¹	Shikora ²
Total papers initially reviewed	659	1,619
Number of papers after exclusions	88	295
Number of patients included	8,729	13,627
Leak Rates (%)		
No reinforcement	2.60	2.75
GORE® SEAMGUARD® Reinforcement	1.09	2.61
Oversewing	2.40	2.45
Bovine Pericardium	3.30	1.28

Check the Numbers

0.67% = Average Leak Rate for Sleeve Gastrectomy using GORE® SEAMGUARD® Reinforcement

**Decide for Yourself.
Choose GORE® SEAMGUARD® Reinforcement
for Proven Performance.**



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¹ Gagner M, Buchwald JN. Comparison of laparoscopic sleeve gastrectomy leak rates in four staple-line reinforcement options: a systematic review. *Surgery for Obesity & Related Diseases* 2014;10(4):713-723

² Shikora S, Mahoney C. Clinical benefit of gastric staple line reinforcement (SLR) in gastrointestinal surgery: a meta-analysis. *Obesity Surgery* 2014;10.1007(s11695-015-1703-x).

³ W. L. Gore & Associates, Inc. Clinical Performance with Staple Line Reinforcement. Scientific Literature Analysis (n = 4689 patients). Flagstaff, AZ: W. L. Gore & Associates, Inc; 2013. <http://www.goremedical.com/resources/dam/assets/AP6010-EN3.pdf>