



IMPACT THE COST OF CARE WITH AIRSEAL®

Healthcare leaders are capitalizing on the **power of pressure precision with AirSeal®**. Pressure precision enables you to operate at low pressure to increase procedural efficiency, reduce length of stay, and lower the cost of care.¹⁻⁹

Postoperative metrics prove that operating at low pressure with AirSeal® delivers:

50%

REDUCTION IN HOSPITAL LENGTH OF STAY¹⁻⁸

33%

REDUCTION IN PACU TIME¹⁻⁸



By reducing PACU time, length of stay, and 30-day ER visits and readmissions, savings accumulate quickly.²

GYNECOLOGY

Proven savings of \$210/patient²

During robotic procedures studied, LOS decreased on average by 132 minutes per patient

GENERAL

Proven savings of \$995/patient⁹

When evaluating a cohort of 77 patients undergoing laparoscopic cholecystectomies

COLORECTAL

Proven savings of \$2,296/patient⁸

With an average reduced LOS of one day in laparoscopic colectomies

UROLOGICAL

Proven savings of \$987/patient¹

By reducing average LOS by over 10 hours during robotic-assisted laparoscopic prostatectomies

You can drastically reduce the cost of care in your facility this year.

Connect with a local CONMED Representative today to see how AirSeal® can help.

* Savings based on 2022 National Average of Kaiser Foundation Costs of Care in for-profit hospitals

REFERENCES

1. Ramshaw B, Forman B, Heidel E, Dean J, Gamenthaler A, Fabian M. A Clinical Quality Improvement (CQI) Project to Improve Pain After Laparoscopic Ventral Hernia Repair. *Surg Technol Int*. 2016;29:125-130.
2. Foley CE, Ryan E, Huang JQ. Less is more: clinical impact of decreasing pneumoperitoneum pressures during robotic surgery. *J Robot Surg*. 2021;15(2):299- 307. doi:10.1007/s11701-020-01104-4c
3. Saway JP, McCaul M, Mulekar MS, McMahon DP, Richards WO. Review of Outcomes of Low Verses Standard Pressure Pneumoperitoneum in Laparoscopic Surgery. *Am Surg*. 2022;88(8):1832-1837. doi:10.1177/00031348221084956
4. Buda A, Di Martino G, Borghese M, et al. Low-Pressure Laparoscopy Using the AirSeal System versus Standard Insufflation in Early-Stage Endometrial Cancer: A Multicenter, Retrospective Study (ARIEL Study). *Healthcare (Basel)*. 2022;10(3):531. Published 2022 Mar 14. doi:10.3390/healthcare10030531
5. Ferroni MC, Abaza R. Feasibility of robot-assisted prostatectomy performed at ultra-low pneumoperitoneum pressure of 6 mmHg and comparison of clinical outcomes vs standard pressure of 15 mmHg. *BJU Int*. 2019;124(2):308-313. doi:10.1111/bju.14682
6. Ramshaw B, Vetrano V, Jagadish M, Forman B, Heidel E, Mancini M. Laparoscopic approach for the treatment of chronic groin pain after inguinal hernia repair : Laparoscopic approach for inguinodynia. *Surg Endosc*. 2017;31(12):5267-5274. doi:10.1007/s00464-017-5600-3
7. Abaza R, Martinez O, Ferroni MC, Bsatee A, Gerhard RS. Same Day Discharge after Robotic Radical Prostatectomy. *J Urol*. 2019;202(5):959-963. doi:10.1097/JU.0000000000000353
8. Celarier S, Monziols S, Célérier B, et al. Low-pressure versus standard pressure laparoscopic colorectal surgery (PAROS trial): a phase III randomized controlled trial. *Br J Surg*. 2021;108(8):998-1005. doi:10.1093/bjs/znab069
9. Rashid M, Kikhia MD, Kristie Price, Vamsi Alli MD, Aurora Pryor MD, Gerald Gracia MD, Jerry Rubano MD, Jessica Schnur MD, Dana Telem MD. Low Insufflation Pressure Cholecystectomy - Using an insufflation management system versus standard CO2 pneumoperitoneum. SAGES Published Abstract