

Publications

2019

1. Alsubaie H, Goldenberg M, Grantcharov TP. (2019). [Quantifying recall bias in surgical safety: a need for a modern approach to morbidity and mortality reviews.](#) *Canadian Journal of Surgery*, February 62(1): 39-43.
2. Boet S, Etherington N, Larrigan S, Yin L, Khan H, Sullivan K, Jung JJ, Grantcharov TP. (2019). [Measuring the teamwork performance of teams in crisis situations: a systematic review of assessment tools and their measurement properties.](#) *BMJ Quality & Safety*, April 28(4): 327–337.
3. Goldenberg MG, Grantcharov TP. (2019). [A Novel Method of Setting Performance Standards in Surgery Using Patient Outcomes.](#) *Annals of Surgery*, January 269(1): 79–82.
4. Gordon L, Austin P, Rudzicz F, Grantcharov TP. (2019). [MySurgeryRisk and Machine Learning: A Promising Start to Real-time Clinical Decision Support.](#) *Annals of Surgery*, January 269(1):e14-e15.
5. Jung JJ, Adams-McGavin RC, Grantcharov TP. (2019). [Underreporting of Veress Needle Injuries: Comparing Direct Observation and Chart Review Methods.](#) *Journal of Surgical Research*, April 236: 266–270.
6. Jung JJ, Elfassy J, Jüni P, Grantcharov TP. (2019). [Adverse Events in the Operating Room: Definitions, Prevalence, and Characteristics. A Systematic Review.](#) *World Journal of Surgery*, June 13, doi <https://link.springer.com/article/10.1007%2Fs00268-019-05048-1> (epublication).

7. Jung JJ, Kashfi A, Sharma S, Grantcharov TP. (2019). [Characterization of device-related interruptions in minimally invasive surgery: need for intraoperative data and effective mitigation strategies.](#) *Surgical Endoscopy*, March 33(3): 717–723.
8. Jung JJ, Yule S, Boet S, Szasz P, Schulthess P, Grantcharov TP. (2019). [Nontechnical Skill Assessment of the Collective Surgical Team Using the Non-Technical Skills for Surgeons \(NOTSS\) System.](#) *Annals of Surgery*, February 1 doi <https://insights.ovid.com/pubmed?pmid=30817354> (epublication).
9. Kolodzey L, Trbovich P, Kashfi A, Grantcharov TP. (2019). [System Factors Affecting Intraoperative Risk and Resilience: Applying a Novel Integrated Approach to Study Surgical Performance and Patient Safety.](#) *Annals of Surgery*, March 1 doi <https://insights.ovid.com/pubmed?pmid=30946083> (epublication)

2018

1. De Montbrun S, Louridas M, Szasz P, Harris KA, Grantcharov TP. (2018). [Developing the Blueprint for a General Surgery Technical Skills Certification Examination: A Validation Study.](#) *Journal of Surgical Education*, March 75(2): 344-350.
2. Fecso AB, Bhatti JA, Stotland PK, Quereshy FA, Grantcharov TP. (2018). [Technical Performance as a Predictor of Clinical Outcomes in Laparoscopic Gastric Cancer Surgery.](#) *Annals of Surgery*, July 290(1):115-120.
3. Fecso AB, Kuzulugil SS, Babaoglu C, Bener AB, Grantcharov TP. (2018). [Relationship between intraoperative non-technical performance and technical events in bariatric surgery.](#) *British Journal of Surgery*, March 105(8): 1044–1050.
4. Fecso AB, Szasz P, Kerezov G, Grantcharov TP. (2018). [Reply to: "Assessing Surgeons' Technical Performance and Effect on Outcomes: Still Early Days".](#) *Annals of Surgery*, April 267(4): e76.
5. Garbens A, Goldenberg M, Wallis C, Tricco A, Grantcharov TP. (2018). [The cost of intraoperative adverse events in abdominal and pelvic surgery: A systematic review.](#) *The American Journal of Surgery*, January 215(1): 163–170.
6. Goldenberg MG, Lee JY, Kwong JCC, Grantcharov TP, Costello A. (2018). [Implementing assessments of robot-assisted technical skill in urological education: a systematic review and synthesis of the validity evidence.](#) *BJU International*, March 122(3): 501-519.
7. Grantcharov PD, Boillat T, Elkabany S, Wac K, Rivas H. (2018). [Acute mental stress and surgical performance.](#) *British Journal of Surgery Open*, September 3(1): 119–125.

8. Jung JJ, Borkhoff CM, Jüni P, Grantcharov TP. (2018). [Non-Technical Skills for Surgeons \(NOTSS\): Critical appraisal of its measurement properties.](#) *The American Journal of Surgery*, November 216(5): 990–997.
9. Jung JJ, Jüni P, Lebovic G, Grantcharov TP. (2018). [First-year Analysis of the Operating Room Black Box Study.](#) *Annals of Surgery*, June 1 doi <https://insights.ovid.com/pubmed?pmid=29916872> (epublication).
10. Jung JJ, Naimark DM, Behman R, Grantcharov TP. (2018). [Approach to asymptomatic paraesophageal hernia: watchful waiting or elective laparoscopic hernia repair?](#) *Surgical Endoscopy*, February 32(2): 864-871.

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1. Boet S, Sharma B, Pigford A, Hladkowicz E, Rittenhouse N, Grantcharov TP. (2017). [Debriefing decreases mental workload in surgical crisis: A randomized controlled trial.](#) *Surgery*, May 161(5): 1215-1220.
2. De Montbrun S, Louridas M, Grantcharov TP. (2017). [Passing a Technical Skills Examination in the First Year of Surgical Residency Can Predict Future Performance.](#) *Journal of Graduate Medical Education*, June 9(3): 324–329.
3. Fecso AB, Szasz P, Kerezov G, Grantcharov TP. (2017). [The Effect of Technical Performance on Patient Outcomes in Surgery: A Systematic Review.](#) *Annals of Surgery*, March 265(3):492–501.
4. Goldenberg MG, Garbens A, Szasz P, Hauer T, Grantcharov TP. (2017). [Systematic review to establish absolute standards for technical performance in surgery.](#) *British Journal of Surgery*, January (1): 13–21.
5. Goldenberg MG, Goldenberg L, Grantcharov TP. (2017). [Surgeon Performance Predicts Early Continence After Robot-Assisted Radical Prostatectomy.](#) *Journal of Endourology*, September 31(9): 858–863.
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9. **Louridas M, Szasz P, Fecso AB, Zywiell MG, Lak P, Bener AB, Harris K, Grantcharov TP.** (2017). [Practice does not always make perfect: need for selection curricula in modern surgical training.](#) *Surgical Endoscopy*, September 31(9): 3718–3727.
10. **Szasz P, Bonrath E, Louridas M, Fecso A, Howe B, Fehr A, Ott M, Mack L, Harris K, Grantcharov TP.** (2017). [Setting Performance Standards for Technical and Nontechnical Competence in General Surgery.](#) *Annals of Surgery*, July 266(1): 1–7.
11. **Szasz P, Louridas M, Harris KA, Grantcharov TP.** (2017). [Strategies for increasing the feasibility of performance assessments during competency-based education: Subjective and objective evaluations correlate in the operating room.](#) *The American Journal of Surgery*, August 214(2): 365–372.
12. **Zevin B, Dedy NJ, Bonrath EM, Grantcharov TP.** (2017). [Comprehensive simulation-enhanced training curriculum for an advanced minimally invasive procedure: a randomized controlled trial.](#) *Surgery for Obesity and Related Diseases*, May 13(5): 815-824.

2016

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2. Dedy NJ, Fecso AB, Szasz P, Bonrath EM, Grantcharov TP. (2016). [Implementation of an Effective Strategy for Teaching Nontechnical Skills in the Operating Room: A Single-blinded Nonrandomized Trial](#). *Annals of Surgery*, May 263(5): 937-941.
3. Fecso AB, Bonrath EM, Grantcharov TP. (2016). [Training in Laparoscopic Gastric Cancer Surgery in the Western World: Current Educational Practices, Challenges, and Potential Opportunities at a Large University Centre](#). *Journal of Surgical Education*, July-August 73(4): 749-755.
4. Louridas M, Szasz P, De Montbrun S, Harris K, Grantcharov TP. (2016). [Can We Predict Technical Aptitude?: A Systematic Review](#). *Annals of Surgery*, April 263(4): 673-691.
5. Louridas M, Szasz P, De Montbrun S, Harris KA, Grantcharov TP. (2016). [International assessment practices along the continuum of surgical training](#). *American Journal of Surgery*, August 212(2): 354-360.
6. Louridas M, Quinn LE, Grantcharov TP. (2016). [Predictive value of background experiences and visual spatial ability testing on laparoscopic baseline performance among residents entering postgraduate surgical training](#). *Surgical Endoscopy*, March 30(3): 1126-1133.
7. Shore EM, Grantcharov TP, Husslein H, Shirreff L, Dedy NJ, McDermott CD, Lefebvre GG. (2016). [Validating a standardized laparoscopy curriculum for gynecology residents: a randomized controlled trial](#). *American Journal of Obstetrics and Gynecology*, August 215(2): 204.e1-204.e11.

8. Szasz P, Grantcharov TP, Sweet RM, Korndorffer JR Jr, Pedowitz RA, Roberts PL, Sachdeva AK. (2016). [Simulation-based summative assessments in surgery](#). *Surgery*, September 160(3): 528-535.
9. Szasz P, Louridas M, De Montbrun S, Harris KA, Grantcharov TP. (2016). [Consensus-based training and assessment model for general surgery](#). *British Journal of Surgery*, May 103(6): 763-771.

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1. Bonrath EM, Dedy NJ, Gordon LE, Grantcharov TP. (2015). [Comprehensive Surgical Coaching Enhances Surgical Skill in the Operating Room: A Randomized Controlled Trial.](#) *Annals of Surgery*, August 262(2): 205-212.
2. Bonrath EM, Gordon LE, Grantcharov TP. (2015). [Characterising 'near miss' events in complex laparoscopic surgery through video analysis.](#) *BMJ Quality & Safety*, August 24(8): 516-521.
3. Bonrath EM, Grantcharov TP. (2015). [Contemporary management of paraesophageal hernias: establishing a European expert consensus.](#) *Surgical Endoscopy*, August 29(8): 2180-2195.
4. Dedy NJ, Szasz P, Louridas M, Bonrath EM, Husslein H, Grantcharov TP. (2015). [Objective structured assessment of nontechnical skills: Reliability of a global rating scale for the in-training assessment in the operating room.](#) *Surgery*, June 157(6): 1002-1013.
5. Louridas M, Bonrath EM, Sinclair DA, Dedy NJ, Grantcharov TP. (2015). [Randomized clinical trial to evaluate mental practice in enhancing advanced laparoscopic surgical performance.](#) *British Journal of Surgery*, January 102(1): 37-44.
6. Palter V, Grantcharov TP. (2015). [Reply to Letter: "Development and Validation of a Comprehensive Curriculum to Teach an Advanced Minimally Invasive Procedure."](#) *Annals of Surgery*, March 261(3): e72-e73.
7. Szasz P, Louridas M, Harris KA, Aggarwal R, Grantcharov TP. (2015). [Assessing Technical Competence in Surgical Trainees: A Systematic Review.](#) *Annals of Surgery*, June 261(6): 1046-1055.

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2. Bonrath EM, Dedy NJ, Zevin B, Grantcharov TP. (2014). [International consensus on safe techniques and error definitions in laparoscopic surgery.](#) *Surgical Endoscopy*, May 28(5): 1535-1544.
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1. Boet S, Bould M, Sharma B, Revees S, Naik V, Tribby E, Grantcharov TP. (2013). [Within-Team Debriefing Versus Instructor-Led Debriefing for Simulation-Based Education: A Randomized Controlled Trial](#). *Annals of Surgery*, July 258(1): 53–58.
2. Bonrath EM, Dedy NJ, Zevin B, Grantcharov TP. (2013). [Defining technical errors in laparoscopic surgery: a systematic review](#). *Surgical Endoscopy*, August 27(8): 2678–2691.
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2011

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