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### **Education**

**High School:** Altarbiyah Alnamothajeyah High School, (June, 2007).

**Bachelor of Medicine and Surgery (MBBS):** King Saud University, College of Medicine, Riyadh – Saudi Arabia (September, 2007- May, 2013)

**Internship:** King Saud University Medical Center, Riyadh – Saudi Arabia: Internship evaluation: Excellent (July, 2013 – July, 2014).

### Selected Publications

- 1- **Al-Mazrou AM**, Suradkar K, Mauro CM, Kiran RP. Characterization of Readmission by Day of Rehospitalization After Colorectal Surgery. *Dis Colon Rectum*. 2017 Feb;60(2):202-212. PMID: 28059917
- 2- Valizadeh N, Murray AC, Suradkar K, **Al-Mazrou A**, Kiran RP. Impact of preoperative steroid or immunosuppressant use on short-term outcomes following colectomy in Crohn's disease patients. *Tech Coloproctol*. 2017 Mar;21(3):217-223. PMID: 28205051
- 3- **Al-Mazrou AM**, Baser O, Kiran RP. Failure of efforts to contain costs of care after colorectal procedures: Nationwide trends in length of stay, costs and post-acute care utilization. *Am J Surg*. 2017 Apr 25. pii: S0002-9610(16)31071-6. PMID: 28473051
- 4- **Al-Mazrou AM**, Kiran RP, Pappou E, Feingold D, Lee-Kong S. Robotic Ventral Mesh Rectopexy - Video Vignette. *Colorectal Dis*. 2017 Jul;19(7):695. doi: 10.1111/codi.13736. PMID: 28520090
- 5- **Al-Mazrou AM**, Kiran RP, Lee-Kong S, Feingold D, Pappou EP. Robotic right hemicolectomy with intracorporeal anastomosis using V-Loc™ - a video vignette. *Colorectal Dis*. 2017 Jul;19(7):696. doi: 10.1111/codi.13737. PMID: 28544562
- 6- **Al-Mazrou AM**, Chiuzan C, Kiran RP. The robotic approach significantly reduces length of stay after colectomy: a propensity score-matched analysis. *Int J Colorectal Dis*. 2017 Jul 7. doi: 10.1007/s00384-017-2845-1. PMID: 28685223.
- 7- **Al-Mazrou AM**, Chiuzan C, Kiran RP. Factors influencing discharge disposition after colectomy. *Surg Endosc*. 2017 Dec 27. doi: 10.1007/s00464-017-6013-z. PMID: 29282575
- 8- **Al-Mazrou AM**, Baser O, Kiran RP. The effect of hospital familiarity with complex procedures on overall healthcare burden. *Am J Surg*. 2018 Jan 26. pii: S00029610(17)31719-1.
- 9- **Al-Mazrou AM**, Baser O, Kiran RP. Propensity score-matched analysis of clinical and financial outcomes after robotic and laparoscopic colorectal resection. *J Gastrointest Surg*. 2018 Feb 5. doi: 10.1007/s11605-018-3699-8. PMID: 29404985
- 10- Charak G, Kuritzkes BA, **Al-Mazrou AM**, Suradkar K, Valizadeh N, Lee-Kong SA, Feingold DL, Pappou EP. Use of an ACE inhibitor or angiotensin receptor blocker is a major risk factor for dehydration requiring readmission in the setting of a new ileostomy. *Int J Colorectal Dis*. 2018 Mar;33(3):311-316. PMID: 293748

- 11- **Al-Mazrou AM**, Hyde LZ, Suradkar K, Kiran RP. Effect of Inclusion of Oral Antibiotics with Mechanical Bowel Preparation on the Risk of Clostridium Difficile Infection After Colectomy. *J Gastrointest Surg*. 2018 Nov;22(11):1968-1975.
- 12- DiCaprio D, Lee-Kong S, Stoffels G, Shen B, **Al-Mazrou A**, Kiran RP, Korelitz B, Swaminath A. Management of iatrogenic perforation during colonoscopy in ulcerative colitis patients: a survey of gastroenterologists and colorectal surgeons. *Int J Colorectal Dis*. 2018 Nov;33(11):1607-1616.
- 13- **Al-Mazrou AM**, Baser O, Kiran RP. Alvimopan, Regardless of Ileus Risk, Significantly Impacts Ileus, Length of Stay, and Readmission After Intestinal Surgery. *J Gastrointest Surg*. 2018 Dec;22(12):2104-2116.
- 14- **Al-Mazrou AM**, Kiely JM, Kiran RP. Epidural analgesia in the era of enhanced recovery: time to rethink its use? *Surg Endosc*. 2019 Jul;33(7):2197-2205.
- 15- Hyde LZ, Valizadeh N, **Al-Mazrou AM**, Kiran RP. ACS-NSQIP risk calculator predicts cohort but not individual risk of complication following colorectal resection. *Am J Surg*. 2018 Nov 28.
- 16- Hyde LZ, **Al-Mazrou AM**, Kuritzkes BA, Suradkar K, Valizadeh N, Kiran RP. Readmissions after colorectal surgery: not all are equal. *Int J Colorectal Dis*. 2018 Dec;33(12):1667-1674.
- 17- Hyde LZ, Kiely JM, **Al-Mazrou A**, Zhang H, Lee-Kong S, Kiran RP. Alvimopan Significantly Reduces Length of Stay and Costs Following Colorectal Resection and Ostomy Reversal Even Within an Enhanced Recovery Protocol. *Dis Colon Rectum*. 2019 Feb 18.
- 18- Toledano S, Sackey J, Willcutts K, Parrott JS, Tomesko J, **Al-Mazrou AM**, Kiran RP, Brody RA. Exploring the Differences Between Early and Traditional Diet Advancement in Postoperative Feeding Outcomes in Patients With an Ileostomy or Colostomy. *Nutr Clin Pract*. 2019 Jan 28.
- 19- **Al-Mazrou AM**, Zhang H, Yu G, Kiran RP. Sustained positive impact of ACS-NSQIP Program on outcomes after colorectal surgery over the last decade. *Am J Surg*. 2019 May 18. pii: S0002- 9610(19)30484-2.
- 20- Keller D, Reif T, Yu G, Zhang H, **Al-Mazrou AM**, Kiran RP. Statistical process control (SPC) to drive improvement in length of stay after colorectal surgery. *Am J Surg. Am J Surg*. 2019 Sep 10. pii: S0002-9610(19)31077-3.

### Selected Presentations

1. **Al-Mazrou AM**, Suradkar K, Mauro C, Kiran RP. Targeting late, rather than early, readmission after colorectal resection is the more effective strategy “*Oral presentation*”. The American Society of Colon and Rectal Surgeons (ASCRS), Los Angeles, May, 2016.
2. **Al-Mazrou AM**, Chiuzan C, Kiran RP. A step-wise approach to disposition at discharge is likely best strategy to impact hospital length of stay after colectomy “*Poster presentation*”. The American Society of Colon and Rectal Surgeons (ASCRS), Los Angeles, May, 2016.
3. **Al-Mazrou AM**, Chiuzan C, Kiran RP. The robotic approach significantly reduces length of stay after laparoscopic colectomy “*Poster presentation*”. The Society for Surgery of the Alimentary Tract (SSAT), San Diego, May, 2016.
4. **Al-Mazrou AM**, Baser O, Kiran RP. Trends in costs of healthcare and early discharge following colorectal surgery “*Poster presentation*”. The American College of Surgeons (ACS), Washington DC, October, 2016.
5. Charak G, Pappou E, **Al-Mazrou AM**, Duldalao P, Valizadeh N, Dusty, Kiran RP. Use of an ACE Inhibitor or Angiotensin Receptor Blocker is a Major Risk Factor for Dehydration Requiring Readmission in the Setting of a New Ileostomy “*Oral presentation*”. The American Society of Colon and Rectal Surgeons (ASCRS), Los Angeles, May, 2016.
6. Suradkar K, **Al-Mazrou AM**, Rein J, Valizadeh N, Murray A, Lai C, Kiran RP. Impact of prior surgery on short-term outcomes of colorectal surgery “*Poster presentation*”. The American Society of Colon and Rectal Surgeons (ASCRS), Los Angeles, May, 2016.
7. DiCaprio D, Stoffels G, Lee-Kong S, **Al-Mazrou AM**, Kiran RP, Korelitz B, Swaminath A. Physician Practices: Management of Perforation in Ulcerative Colitis “*Poster presentation*”. The American College of Gastroenterology (ACG), Las Vegas, October, 2016.
8. Murray A, **Al-Mazrou AM**, Valizadeh N, Feingold D, Lee-Kong S, Pappou E, Kiran RP. Realtime data monitoring and report cards facilitate clinical outcomes, quality and patient care “*Oral presentation*”. The American College of Surgeons (ACS), Washington DC, October, 2016.
9. **Al-Mazrou AM**, Baser O, Kiran RP. Clinical and financial outcomes after robotic versus laparoscopic surgery: not all resected colorectal segments are the same “*Poster presentation*”. The American Society of Colon and Rectal Surgeons (ASCRS), Seattle, June, 2017.

10. **Al-Mazrou AM**, Kiran RP, Valizadeh N, Kuritzkes B, Suradkar K, Pappou E, Feingold D, Lee-Kong S. The impact of splenic flexure mobilization on left-sided colorectal resection "*Poster presentation*". The American Society of Colon and Rectal Surgeons (ASCRS), Seattle, June, 2017.
11. **Al-Mazrou AM**, Testerman E, Rein J, Monzidelis N, Kiran RP. A concerted perioperative ostomy educational program impacts patient outcomes "*Poster presentation*". The American Society of Colon and Rectal Surgeons (ASCRS), Seattle, June, 2017.
12. **Al-Mazrou AM**, Toledano S, Pappou, E, Lee-Kong S, Feingold D, Kiran, RP. Initiation of solid diet on day of colorectal resection is safe and associated with recovery benefits "*Poster presentation*". The American Society of Colon and Rectal Surgeons (ASCRS), Seattle, June, 2017.
13. **Al-Mazrou AM**, Al-Khayal K, Al-Obaid O, Zubaidi A, Abdullah M, Al-Madi M, Al-Otaibi M, AlEisa A. Preoperative stenting does not provide an advantage over immediate resection for semiobstructive colorectal cancer "*Poster presentation*". The American Society of Colon and Rectal Surgeons (ASCRS), Seattle, June, 2017.
14. L. Hyde, **Al-Mazrou AM**, K. Suradkar, N. Valizadeh, B. Kuritzkes, R. Kiran. Readmissions after colorectal surgery: not all are equal "*Poster presentation*". The American Society of Colon and Rectal Surgeons (ASCRS), Seattle, June, 2017.
15. **Al-Mazrou AM**, Toledano S, Valizadeh N, Suradkar K, Kuritzkes B, Hyde L, Rein J, Kiran RP. Metoclopramide after colorectal resection enhances gastrointestinal recovery and reduces length of stay "*Poster presentation*". The Society for Surgery of the Alimentary Tract (SSAT), Chicago, May, 2017.
16. Friedman G, **Al-Mazrou AM**, Kiran RP, Suradkar K, Valizadeh N, Kuritzkes B, Hyde L, Lee-Kong S. Outcomes of omental pedicle flaps in elective colorectal resections "*Poster presentation*". The American Society of Colon and Rectal Surgeons (ASCRS), Seattle, June, 2017.
17. **Al-Mazrou AM**, Baser O, Kiran RP. The effect of hospital familiarity with complex procedures on overall healthcare burden "*Oral presentation*". The American College of Surgeons (ACS), San Diego, 2017.
18. **Al-Mazrou AM**, Baser O, Kiran RP. Alvimopan, regardless of ileus-risk, significantly impacts ileus, length of stay and readmission after intestinal surgery "*Oral presentation*". The American College of Surgeons (ACS), San Diego, 2017.

19. **Al-Mazrou AM**, Hyde L, Suradkar K, Kiran RP. Oral antibiotics as bowel preparation reduce, not increase, the risk of Clostridium Difficile infection after colectomy "*Poster presentation*". The American Society of Colon and Rectal Surgeons (ASCRS), Nashville, Tennessee, May 19-23, 2018.
20. **Al-Mazrou AM**, Kiely MJ, Kiran RP. Epidural analgesia does not improve, and may hamper recovery after laparoscopic and open colectomy "*Poster presentation*". The American Society of Colon and Rectal Surgeons (ASCRS), Nashville, Tennessee, May 19-23, 2018.
21. **Al-Mazrou AM**, Yu G, Zhang H, Kiran RP. Male gender is the single most important risk factor for anastomotic leak after rectal resection "*Poster presentation*". The American Society of Colon and Rectal Surgeons (ASCRS), Nashville, Tennessee, May 19-23, 2018.
22. **Al-Mazrou AM**, Baser O, Kiran RP. Trends in clinical and financial outcomes after robotic colorectal surgery over time: keep pushing the technology envelope? "*Poster presentation*". The American Society of Colon and Rectal Surgeons (ASCRS), Nashville, Tennessee, May 19-23, 2018.
23. Hyde L, Valizadeh N, **Al-Mazrou AM**, Kiran RP. ACS-NSQIP risk calculator predicts cohort but not individual risk of complication following colorectal resection "*Poster presentation*". The American Society of Colon and Rectal Surgeons (ASCRS), Nashville, Tennessee, May 19-23, 2018.
24. Hanna M, **Al-Mazrou AM**, Kuritzkes B, Kiely MJ, Feingold D, Kiran RP, Lee-Kong SA. Early versus late unplanned reoperation after elective colorectal resection "*Poster presentation*". The American Society of Colon and Rectal Surgeons (ASCRS), Nashville, Tennessee, May 19-23, 2018.
25. Hanna M, **Al-Mazrou AM**, Kiran RP. Comparison of minimally invasive and open proctectomy for rectal adenocarcinoma: a NSQIP analysis of postoperative and short term oncologic outcomes "*Poster presentation*". The American Society of Colon and Rectal Surgeons (ASCRS), Nashville, Tennessee, May 19-23, 2018.
26. Hyde L, Kiely JM, **Al-Mazrou AM**, Lee-Kong SA, Feingold D, Kiran RP. Alvimopan significantly reduces length of stay and costs following colorectal resection and ostomy reversal even within an enhanced recovery protocol "*Poster presentation*". The American Society of Colon and Rectal Surgeons (ASCRS), Nashville, Tennessee, May 19-23, 2018.
27. **Al-Mazrou AM**, Kiran RP. Do outcomes after unplanned conversion differ for patients undergoing robotic when compared with laparoscopic colectomy? "*Oral presentation*". The Society for Surgery of the Alimentary Tract (SSAT), Washington DC, June 2-5, 2018.

28. **Al-Mazrou AM**, Zhang H, Guanying Y, Kiran RP. Sustained Positive Impact of ACSNSQIP Program on Outcomes After Colorectal Surgery Over The Last Decade "*Oral presentation*". The American College of Surgeons (ACS), Boston, October 21-25, 2018.
29. De Paula T, Keller DS, **Al-Mazrou AM**, Kiely JM, Geisler D, Lee-Kong SA, Feingold D, Kiran RP. The impact of prior abdominal surgery on postoperative outcomes in colorectal surgery. "*Poster presentation*". The Society for Surgery of the Alimentary Tract (SSAT), San Diego, May 18-22, 2019.
30. **Al-Mazrou AM**, Ning Y, Kiran RP. Long-Term effects of robotic technology on resource utilization "*Oral presentation*". The Society of American Gastrointestinal and Endoscopic Surgeons (SAGES), April 3-6, 2020.
31. **Al-Mazrou AM**, Cruz MV, Dakin G, Pomp A, Bellorin-Marín OE, Afaneh C. Targeting late readmission after bariatric surgery is likely the most effective strategy to reduce resource utilization "*Oral presentation*". The American College of Surgeons (ACS), Chicago, October 4-8, 2020.
32. **Al-Mazrou AM**, Cruz MV, Dakin G, Pomp A, Bellorin-Marín OE, Afaneh C. Robotic duodenal switch is associated with comparable outcomes to laparoscopic approach "*Oral presentation*". The American College of Surgeons (ACS), Chicago, October 4-8, 2020.
33. **Al-Mazrou AM**, Cruz MV, Dakin G, Pomp A, Bellorin-Marín OE, Afaneh C. Impact of minimally invasive approach on outcomes of duodenal switch "*Poster presentation*". The American College of Surgeons (ACS), Chicago, October 4-8, 2020.

## **Grants**

- 1- Department of Surgery, NewYork-Presbyterian Hospital / Columbia University Medical Center (completed - October, 2015):

*Al-Mazrou AM, Baser O, Kiran RP. Nationwide trends in costs of healthcare and early discharge following colorectal resection – (Published).*

- 2- Intuitive Surgical, Inc. – da Vinci Surgical System (Funding period: January, 2019 – December, 2019).

*Al-Mazrou AM, Baser O, Kiran RP. Long-term Effects of Robotic Technology on Resource Utilization - (accepted for oral presentation at SAGES, August, 2020).*