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### Using NSQIP-Pediatrics to Target Quality Improvement Initiatives for Appendicitis

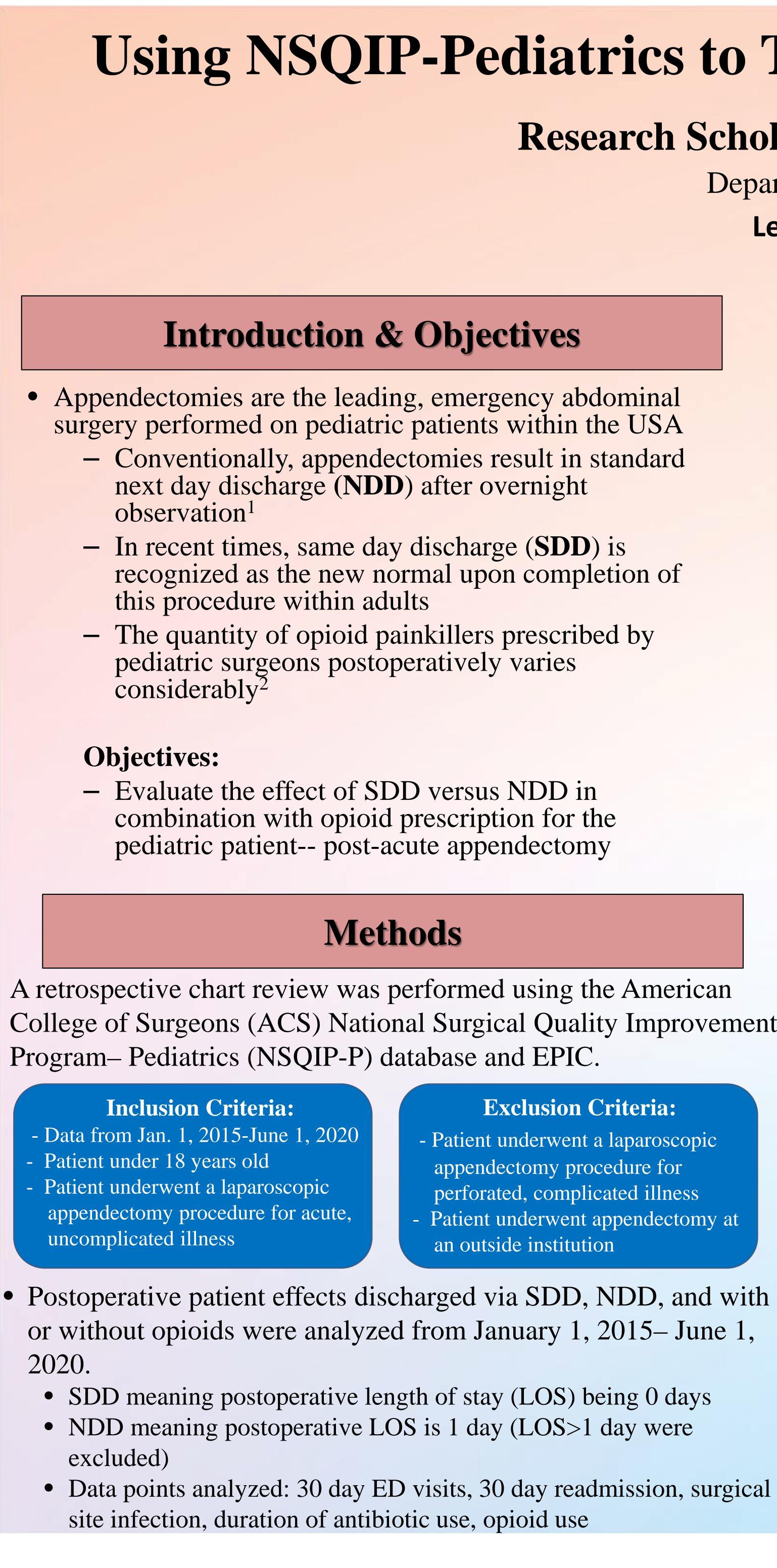
Erin Arevalo

Marybeth Browne MD

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# **Using NSQIP-Pediatrics to Target Quality Improvement Initiatives for Appendicitis**

# **Research Scholar:** Erin Arevalo Mentor: Dr. Marybeth Browne, MD

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<b>DD</b> ) is mpletion of		. Demograph	rage Age		y populat
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	<b>Figure 1.</b> The num prescribed for pain	•	2015 nts discharged	2016 via posto	2017 Ye
ng the American Quality Improvement PIC.		Number of Patients 00 00 00 00 00 00 00 00 00 0			
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<b>DD</b> , <b>NDD</b> , and with y 1, 2015– June 1,		of 30-Day Readmissions Surgical Complication			
S) being 0 days S>1 day were		Number o due to S 0 =	2015 2	016	2017 <b>Voo</b>
readmission, surgical	<b>Figure 3.</b> The te		-	-	

## Conclusions (% total) • The pediatric patient, neither male nor female, 678 experienced significant difference in the postoperative 375 (55) outcomes studied 303 (45) 12 • Our data suggests that discharge via SDD regulations, as ation who underwent acute, uncomplicated well as, discharge without prescribed opioids does not have an overall effect on patient care and/or 30-day readmissions for postoperative complications Recommendations SDD for pediatric patients with acute, uncomplicated from January 1, 2015- June 1, 2020. No opioids were appendicitis Discharge without any prescribed oral opioids for pain 2020 Aid opioid crisis rates by reducing degree of youth in possession of prescribed opioids NDD from January 1, 2015- June 1, 2020. No References 1. Aguayo, P., Alemayehu, H., Desai, A. A., Fraser, J. D., & St. Peter, S. D. (2014). Initial Experience with Same Day Discharge after Laparoscopic Appendectomy for Nonperforated Appendicitis. 2. Sonderman, K. A., Wolf, L. L., Madenci, A. L., Kwon, N. K., Armstrong, L. B., Wanis, K. N., Taylor, K., Uribe-Leitz, T. Koehlmoos, T. P., Ricca, R. L. Weil, B. R., 2019 2018 2020 Weldon, C. B., Haider, A. H., & Rice-Townsend, S. E. (2018). Opioid Prescription Patterns for Children Following Laparoscopic Appendectomy. Annals of Surgery, 1. doi: 10.1097/sla.00000000000003171 and NDD who returned within 30 days of surgery for readmission due to surgical complications. No opioids were prescribed for pain management



