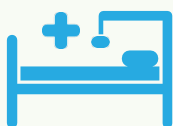


Abdominopelvic Surgery: Intraoperative Ureteral Injury and Prophylaxis in the United States, 2015-2019

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Intraoperative Ureteral Injury During Abdominopelvic Surgeries in the US

IUI: A serious surgical complication



Can cause ureteral damage, sepsis, and death



May be prevented and diagnosed via visualization of the ureters using PUC



Can be identified during surgery with IDC

From October 2015 through December 2019, IUIs occurred in



0.88%
of 651,770
gastrointestinal
surgeries



0.29%
of ~1.8M
gynecological
surgeries



1.17%
of 58,210
other abdominopelvic
surgeries

Role of PUC and IDC: Multivariate analysis results



PUC and IDC use were associated with **higher IUI risk**



The **role** of **PUC** and **IDC** in the identification and prevention of IUI remains **unclear** due to **potential bias** with retrospective data

Abbreviations: IDC, intraoperative diagnostic cystoscopy; IUI, intraoperative ureteral injury; PUC, preoperative ureteral catheterization or stenting; US, United States

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