



Exploring Stoma Rates in Crohn's Disease in the Biologic Era

A Population-Based Time Trend Analysis

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Disclosure of Conflicts of Interest:

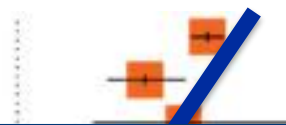
Conflict of interest :

None

Background

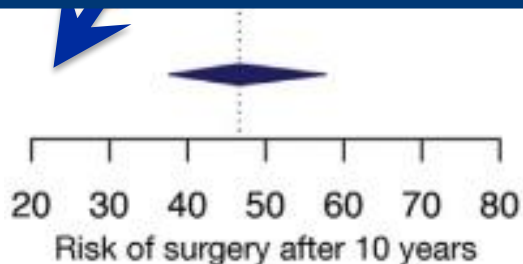
CD patients are at high risk for surgery, but this risk may be decreasing

1950s

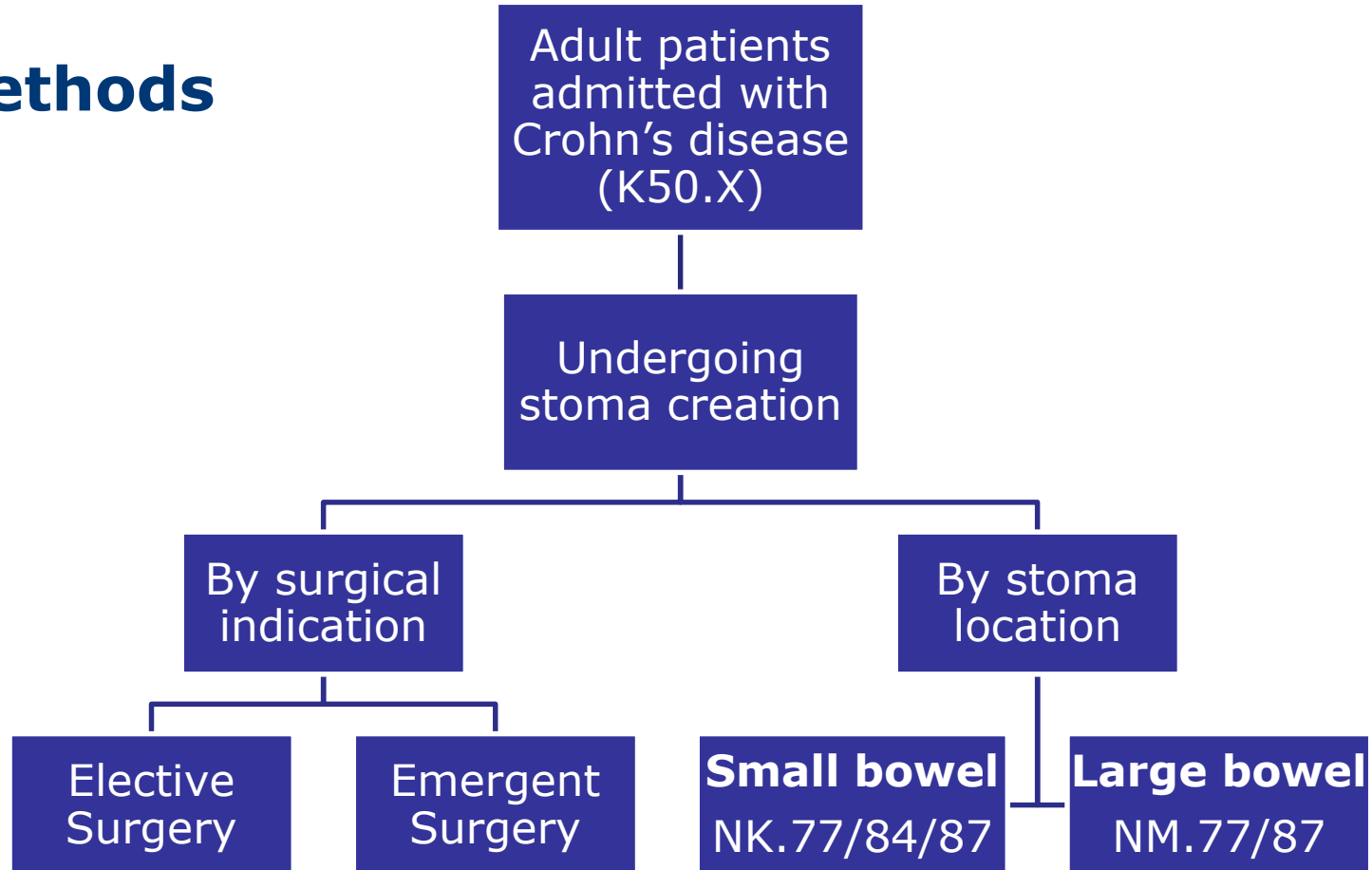


Aims

*To evaluate trends in **surgical ostomy creation** in Crohn's disease in the biologic era*



Methods



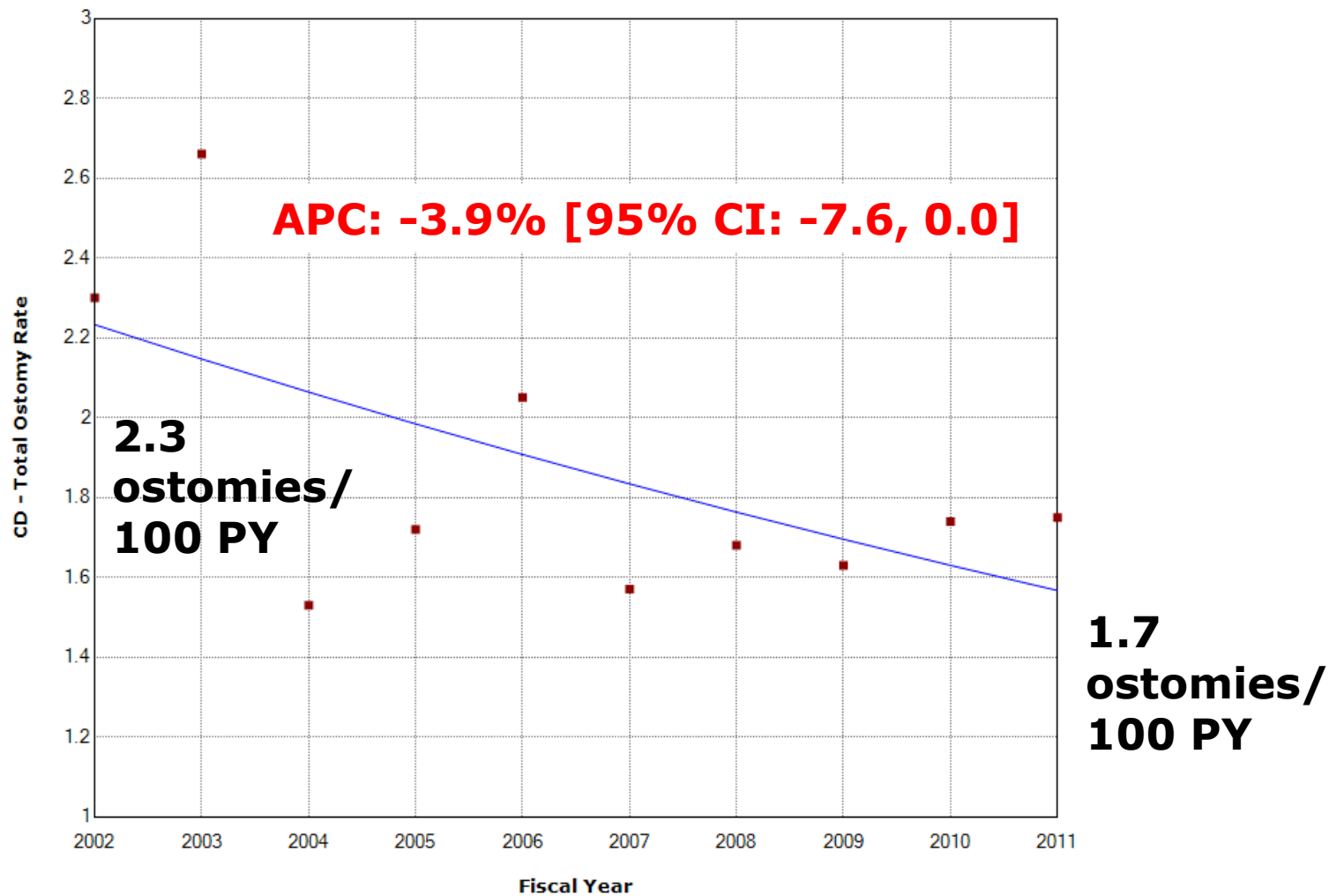
Time-trend analysis: Annual percent change (APC) of stoma creation incidence

Data Source:

- Discharge Abstract Database
- Diagnostic (ICD-10-CA), procedures (Canadian Classification of Health Intervention)

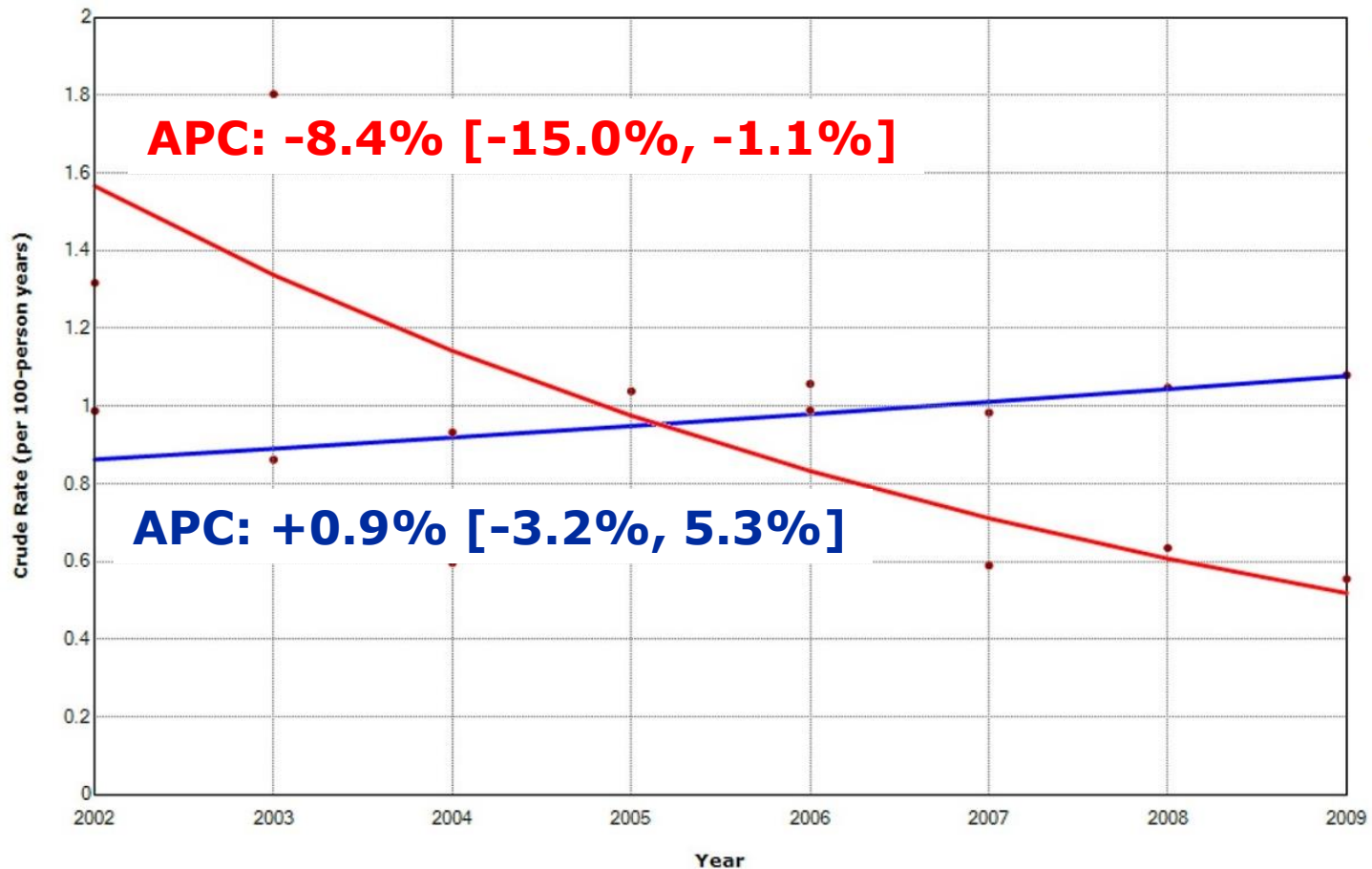
Results

Surgical ostomy rates in CD are decreasing overall



Results

This decrease has been primarily driven by decreasing emergent ostomy creations



Discussion and Next Steps

- Permanent versus temporary ostomy creation rates
- Associated medical therapy use
 - Anti-TNF therapies
 - Newer entry biologics
- Changes in patterns of surgery after 2011