Imperial College London

The effect of the Covid-19 pandemic on the use of, and outcomes for, surgery in England

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Introduction

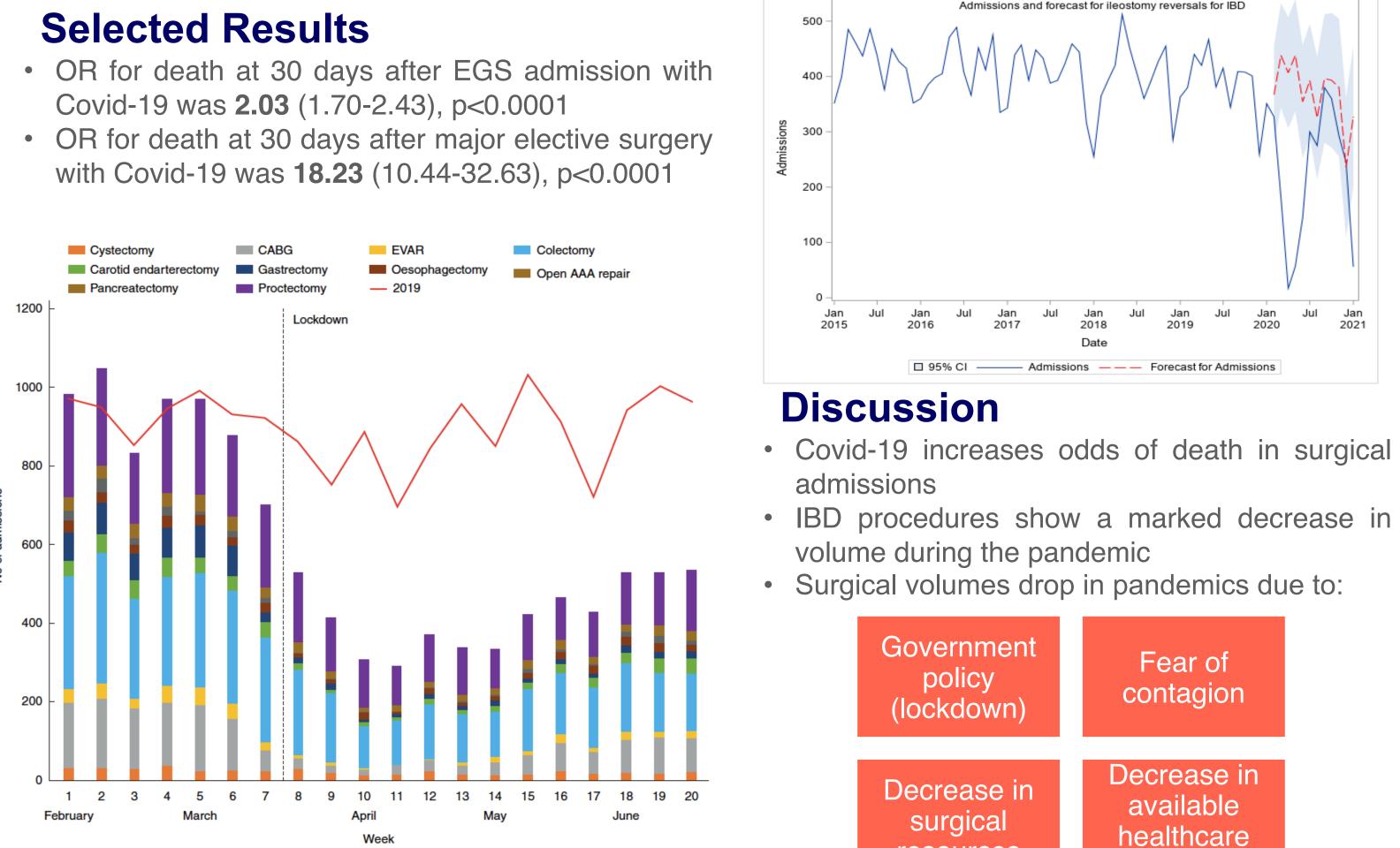
• The Covid-19 pandemic has had a significant impact on the provision of emergency and elective surgery globally.

Aims

- Compare mortality for high-risk emergency general surgery (EGS) and major elective surgery in England before and during the pandemic.
- Quantify the reduction in IBD investigations and procedures during the pandemic.

Methods

- Nationwide observational studies using Hospital Episode Statistics (HES).
- 30-day in-hospital mortality between February and August 2020 was compared with a date-matched cohort from 2019.
- The effect on use of IBD surgery was estimated with autoregressive integrated moving average (ARIMA) forecast models.



resources

staff



