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Summary

# DIFFERENCES IN CHOLECYSTECTOMY OUTCOMES AND OPERATING TIME BETWEEN MALE AND FEMALE SURGEONS IN SWEDEN

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Hepatobiliary

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**A Swedish registry study of 150,509 cholecystectomies found that female surgeons had more favorable outcomes than male surgeons despite longer operating times.**

## KEY POINTS

- Male surgeons had significantly more surgical complications (OR 1.29), total complications (OR 1.12), and bile duct injuries in elective surgery (OR 1.69) compared to female surgeons.
- Male surgeons converted to open surgery more often in acute cases (OR 1.22) and their patients had longer hospital stays (OR 1.21), with no difference in 30-day mortality.
- Female surgeons had significantly longer operation times in both elective and acute cholecystectomies but performed fewer procedures annually.
- The study analyzed all laparoscopic and open cholecystectomies registered in the Swedish Registry of Gallstone Surgery between 2006 and 2019, involving 2,553 surgeons (33.3% female).
- The presenter cautioned that as a registry-based study, results should be interpreted carefully due to potential unidentified confounders or registry inaccuracies.

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