GROUP 8

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Morbidity and Mortality in Patients Undergoing pancreatectomy Is Overestimated by NSQIP Risk Calculator
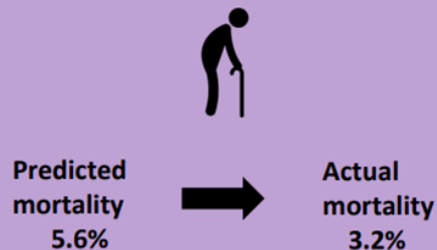
@NedalPMN

AWS Research Madness

NSQIP database was used for patients who underwent pancreatectomy between 2012-2015 based on age groups

ACS NSQIP risk calculator instrument used routinely for pre-operative risk-stratification

Correlation between actual and predicted Mortality

➤ Weak in all age group (r=0.14)
➤ Weakest in age group 80-89 (r=0.04)

Predicted mortality 5.6% → Actual mortality 3.2%

❑ Surgeons should be mindful when using the NSQIP risk calculator in the elderly population

❑ Functional assessments should be incorporated into NSQIP calculator for more accurate risk estimation especially in elderly patients

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Medicaid Expansion is Associated with Improved Overall Survival in Early Stage Resected Pancreatic Cancer: A National Cancer Database Study

Retrospective cohort study → 43,347 patients with early-stage pancreatic adenocarcinoma diagnosed 2010-2016 → **MEDICAID EXPANSION** at time of diagnosis significantly associated with improved overall survival even after adjusting for additional variables.

ADDITIONAL VARIABLES ASSOCIATED WITH IMPROVED SURVIVAL IN MULTIVARIABLE MODEL:

RACE | LOCATION | SOCIOECONOMIC STATUS

RESECTION MARGIN STATUS | FACILITY TYPE | INSURANCE TYPE

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