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An Analysis of the Costs of Research Publications at a Tertiary Hernia Center Over Four Years

Objective: Analyze financial expenditures for research publications

Methods: Tertiary Hernia Center from 2020-2024

Total # of Publications (Peer-reviewed manuscripts + book chapters)

Total Program Costs (Personnel + IRB fees + Travel + Study specific supplies + publication fees)

Total Cost Per Publication (Total Program Costs / Total # of publications)

Results:

Avg. Annual Program Cost

\$276,560 (\$245,546-\$319,986) (77% from personnel)

72 publications (64 peer-reviewed manuscripts, 8 book chapters)

Avg. 18 publications/yr (18 (10-29))

Avg. abstracts/yr (36 (21-59), **Not included in analysis**)

Total cost/publication \$15,154

5-year Impact Factor (IF) 3.66

5-year IF Range 1.00-16.30

Discussion:

Penicillin Allergy Protocol study

Pre-/post intervention cost saving in complications \$1.3 million

Closing Protocol

\$2.075 million cost savings in complications

Geriatric Medicine Integration

\$744K cost savings in complications

3 studies total cost savings of \$4.12 million, which would fund 14.9 years of the program. Two of the 3 studies are now moving to other hospitals and clinics with expected significant extra savings

Peer-Reviewed Publication by Journal, 2020-2024

