ABSTRACT

USPSTF Screening Recommendations (Published Guidelines as of January 30, 2016)

USPSTF Screening Guidelines Table: Improving Screening and Teaching

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BACKGROUND / PURPOSE

• USPSTF’s age-related screening recommendations are important in comprehensive primary care.
• A version of the One-Page Adult Preventive Health Care Schedule table (as seen on the right) was published in the AFP journal in May 2016

METHOD

• Introduction of the USPSTF Screening Guidelines Table at the South Campus Clinic and instruction on its use (8/26/2016)
• Retrospective data on specific screening tests ordered was collected through Epic for the 6 months before (start 1/24/2016) and the 6 months after (end 2/26/2017) introducing the tool
• 3 marker orders were used to evaluate screening adherence:
  - Lipid Panel
  - Hepatitis C Ab
  - Reference a Tool
• Data collected:
  - 3rd and 2nd years: number of orders placed for each marker
  - Interns: number of orders placed for each marker by current interns (those with access to the Guidelines Table) compared to interns of the prior year

QUALITATIVE RESULTS FROM PRE/POST QUESTIONNAIRES

QUANTITATIVE RESULTS BEFORE AND AFTER INTRODUCING THE USPSTF SCREENING TOOL

CONCLUSIONS

• Quantitative Data reveals:
  - No statistical change in the number of times third years order age-related screening tests
  - No statistical change in the number of times interns ordered the 3 marker tests this year compared to the prior year
  - Statistically significant improvement in 2 of the 3 screening tests among the second years

• Qualitative Data reveals:
  - Improvement of residents’ confidence:
    - In knowledge about age-related screening recommendations
    - In ability to teach medical student
  - Reported % of evaluating patients for screening tests needed based on their age

REFERENCE/ACKNOWLEDGEMENTS

• Dr Kyle Kweheer and Dr Lynne Tomasino and Dr Judith Gordon for their help with this research
• Co-authors of the original version of the preventive schedule Paul Swenson, Coya Lindberg, Cynthia Carolina MD, and Joshua Clutter, MD.
• USPSTF Recommends for Primary Care Practice: “Recommendations for Primary Care Practice – US Preventive Services Task Force. Aug., 2016.

T-Square Statistical Analysis

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<th>Test</th>
<th>T Score</th>
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<th>P Value</th>
<th>Conclusion</th>
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Follow Screening Tool Implementation