



CADe (SKOUT®) Improves Adenoma Detection In Patients of All Ages and Genders

Research Goal

Evaluate the impact of a computer-aided detection device (CADe) on key colonoscopy quality metrics across patient age and sex.

Post-hoc analysis of multi-center randomized controlled trial

CADe (SKOUT) VS Standard of care

Adenoma prevalence with use of a computer-aided detection device (CADe) by patient demographics²

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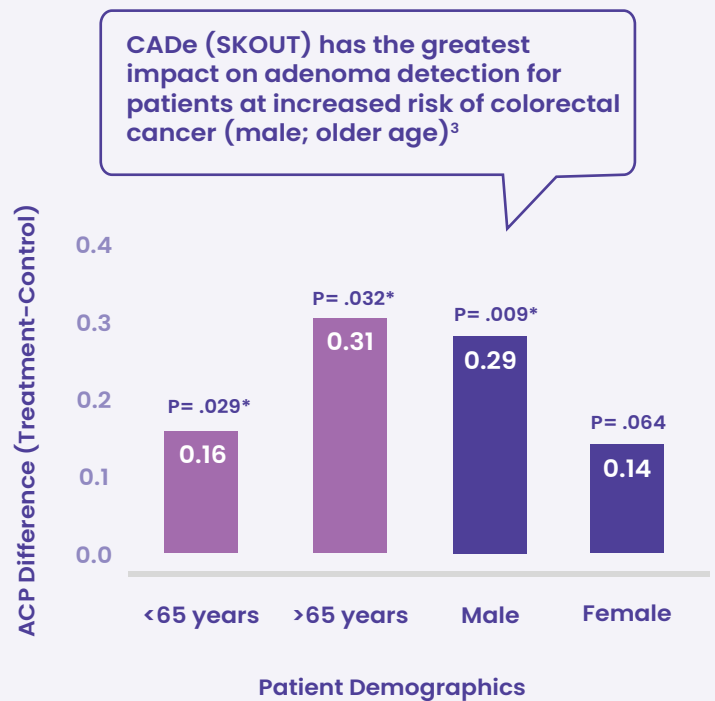


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Results

- A significant increase in adenomas per colonoscopy (APC) with CADe (SKOUT) was observed across all patient age groups, and in men.
- The largest increase in APC was seen in patients ≥ 65 and in males.

FIGURE 1: CADe positively impacts adenoma detection across patient demographics



1. Shaukat A, Lichtenstein D, Chung D, et al. (2023) Endoscopist-Level and Procedure-Level Factors Associated With Increased Adenoma Detection With the Use of a Computer-Aided Detection Device. The American Journal of Gastroenterology. https://journals.lww.com/ajg/abstract/2023/10000/endoscopist_level_and_procedure_level_factors.35.aspx
 2. Sahin C, Shaukat A, Lichtenstein D, et al. (2023). Adenoma Prevalence With the Use of a Computer-Aided Detection Device (CADe) by Patient Demographics. The American Journal of Gastroenterology. https://journals.lww.com/ajg/fulltext/2023/10001/s710_adenoma_prevalence_with_the_use_of_a.1066.aspx
 3. American Cancer Society. Colorectal Cancer Facts & Figures 2020-2022