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Summary

LESS CRC RECURRENCE IN SCREEN-DETECTED COMPARED TO NON-SCREEN-DETECTED COLORECTAL CANCER PATIENTS

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Colorectal

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Screen-detected stage III colorectal cancers had significantly lower four-year recurrence rates compared to non-screen-detected stage III cancers in a Dutch population-based cohort study.

KEY POINTS

- Among 3813 patients with stage I-III colorectal cancer diagnosed in early 2015, overall four-year recurrence was lower in screen-detected cases compared to non-screen-detected cases (13% versus 21%, p<0.001).
- The recurrence difference was most pronounced in stage III disease (23% versus 33%, p<0.001), with an adjusted hazard ratio of 0.61 for screen-detected versus non-screen-detected cancers.
- No significant difference in recurrence was observed for stage I (5% versus 6%, p=0.82) or stage II (14% versus 17%, p=0.23) cancers.
- Recurrence was an independent predictor of five-year overall survival in both screen-detected (HR 7.65) and non-screen-detected (HR 6.60) cases, after adjusting for stage, gender, age, treatment, and tumor location.
- Screen-detected cancers were more often early-stage (72.0% stage I-II versus 53.6%), left-sided (49.1% versus 33.7%), and occurred more frequently in men (62.7% versus 58.5%).

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