Macro Roundup Artcile

Headline: AI-Enabled Electrocardiography Alert Intervention and All-Cause Mortality: a Pragmatic Randomized Clinical Trial

Article Link: https://doi.org/10.1038/s41591-024-02961-4

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Publication	Nature Medicine
Publication Date	May 09, 2024

Tweet: A study of 15,965 cardiac patients in Taiwan found that AI-enabled electrocardiogram alerts to physicians reduced the 90-day mortality of high-risk patients from 4.3% in a control group to 3.6% in the AI-ECG group.

Summary: This study evaluated the ability of an artificial intelligence (AI)-enabled electrocardiogram (ECG) to identify hospitalized patients with a high risk of mortality in a multisite randomized controlled trial involving 39 physicians and 15,965 patients. The AI-ECG alert intervention included an AI report and warning messages delivered to the physicians, flagging patients predicted to be at high risk of mortality. The trial met its primary outcome, finding that implementation of the AI-ECG alert was associated with a significant reduction in all-cause mortality within 90 days: 3.6% of patients in the intervention group died within 90 days, compared to 4.3% in the control group (4.3%).

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