Decision Tools to Improve Personalized Care in Cardiovascular Disease

Average Treatment Effect Assessed in a Heterogeneous Population

Conventional presentation of randomized clinical trial results focuses on average treatment effects, despite a potentially wide range of treatment responses among patients.

Identification of Heterogeneous Responses to Treatment

Analysis of data that allows for the identification of subgroups of patients with the most to gain or lose from treatment can serve as the basis for new personalized decision tools.

The resulting estimate may not accurately describe the expected response for individual patients.

Figure adapted from the ideas of John A. Spertus, MD, MPH

Kramer and Yeh. Circulation March 2017

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