Fabric Genomics launches GEM algorithm for genetic disease dx

written by CAP TODAY
December 17, 2020

December 2020—Fabric Genomics launched Fabric GEM, a novel algorithm that identifies the likely genetic cause of rare diseases using next-generation sequencing.

Fabric GEM employs advanced AI and leverages genomic, phenotypic, and clinical data to identify a short list of causal candidates without losing sensitivity. While most interpretation platforms require a review of 20 to 50 candidates to find the causal variant, Fabric GEM technology, the company says, prioritizes variants, reducing the typical number of candidates for review to fewer than five.

Fabric GEM was developed in collaboration with Mark Yandell, PhD, professor of human genetics and bioinformatics, University of Utah, and Rady Children's Institute for Genomic Medicine to meet the need for faster genomic interpretation results for NICU patients, as well as to scale genomic testing for patients with rare diseases.

Fabric Genomics, 510-595-0800