

Accelerating Clinical Trials to Automatically Match More Diverse Patients to Eligible Studies



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Abstract

The **21st Century Cures Act (Cures Act)**, signed into U.S. law on December 13, 2016, is designed to help accelerate medical product development and bring new innovations and advances to patients who need them faster and more efficiently. Furthermore, the Cures Act facilitates development and approval of genetically targeted and variant protein targeted drugs for treatment of rare diseases. While the Cures Act has the potential for positive transformational delivery of innovative care, it also created uncertainty in the operationalization of the regulations for industry for compliant, sustainable service and payment models. Presently only 4-8% of eligible candidates for clinical trials participate in them. Patients have difficulty understanding or accessing the opportunity for clinical trial therapies. This represents a delay to the approval of new drugs and therapies, understanding of all side effects and true dosing. This also increases the chances that after drug approval, the number of side effects, complications and dosing issues create a major liability burden for the pharmaceutical and the health care system involved. In partnership with Meharry Medical College, the U.S. largest private, independent historically black academic health sciences center, Ambitna designed an automated system to match patients based on diagnosis with eligible clinical trials and connect with CROs. The regional clinical trial matches can increase success of a CRO fulfilling the cohort with more diversity on gender, race, ethnicity and age, thus decreasing liability and increasing ROI on the product.



Biography:

Dr. Joxel Garcia is the former four-star admiral in the U.S. Public Health Service Commissioned Corps, who served as the fourteenth Assistant Secretary for Health (ASH), U.S. Department of Health and Human Services. He served as the Director of Health in the District of Columbia and was the Commissioner of Health for the State of Connecticut. He served as the Executive Director of the MD Anderson Cancer Control and Prevention Platform and Member of the Leadership Team of the MD Anderson Moon Shots program before joining American Express as Vice President and Chief Medical Officer. He serves on the Board of the Prevent Cancer Foundation. He presently is the Founder and CEO of Ambitna.

[5th World Congress on Advanced Clinical Trials and Clinical Research](#) July 22-23, 2020 Melbourne, Australia

Abstract Citation:

Joxel Garcia, Accelerating Clinical Trials to Automatically Match More Diverse Patients to Eligible Studies, Clinical Research 2020, 5th World Congress on Advanced Clinical Trials and Clinical Research July 22-23, 2020 Melbourne, Australia

<https://clinicaltrials-research.pharmaceuticalconferences.com/abstract/2020/accelerating-clinical-trials-to-automatically-match-more-diverse-patients-to-eligible-studies>