

PROGRAM

ACRON AUTUMN SYMPOSIUM: The revolutionary role of AI in the future of clinical research - Nov. 13, 2024

Date: November 13, 2024

Location: Kinopolis Jaarbeurs in Utrecht - Jaarbeursboulevard 300, Utrecht

Time: from 13:30 - 17:15 with drinks afterwards

Language: English

13:30 – 14:00 **Welcome and registration**

14:00 – 14:15 **Opening**

14:15 – 15:00 **Presentation 1: AI for Better Health Care**

Andre Dekker, Medical Physicist & Professor of Clinical Data Science, Maastricht University Medical Center

What is the rationale for AI in healthcare, the importance of data, the methods for developing and validating AI, and the applications that lead to efficiency and efficacy.

15:00 – 15:45 **Presentation 2: Transforming Clinical Development with AI**

Raja Shankar, Vice President, Machine Learning, IQVIA

An overview will be provided of the use of AI across the clinical development pathway, covering everything from clinical development planning to trial design, strategy development, and operational execution of clinical trials. It will explore how AI can enable better and faster decision-making, as well as more proactive risk assessment and management. Topics will include scenario development and assessment within the clinical development pathway, protocol generation and evaluation, optimizing trial strategies for enrolment, patient recruitment, trial monitoring, and risk-based quality management (RBQM). Additionally, the presentation will address current AI capabilities and anticipated advancements over the next 1-3 years.

15:45 – 16:00 **Break**

16:00 – 16:45

Presentation 3: The Role of Data Science and AI in Enhancing Clinical Operations: Optimizing Patient Selection, Site Access, and Data Collection

Terttu Haring, President, Sites & Patients, Syneos Health

What data science and artificial intelligence can mean in our daily work in clinical operations? How can AI help us define the optimal patient population, know where to find said patients, lead us to the sites where we can access the patients.

Can AI support patients in the trial, can AI play a role in clinical data collection and review? With the leverage of AI, do we change the way we use the human intelligence in clinical operations?

16:45 - 17:15

Panel discussion

17:15 - 18:00

Closing and drinks

