SESSIONS
DAY 1 - 10/06/2019

A Practical Guide to AI in Clinical Trials

10th-11th June 2019
Academy London, a Google Space
London

Overview on AI-enabled clinical innovation

09:00 - 10:30

- How are clinical trials conducted today
- Why? Moving towards a future of precision medicine and AI-enabled healthcare.
- How? Methods and technologies used in AI.
- Overview on the use cases to be presented during the two days and where AI can help those use cases.

Participants

Christian Spindler - Consultant & former lead in Data Analytics for IoT at PwC, Consultant

Use case: AI for clinical trials phases 1-3, including medical imaging

10:30 - 13:30

Key challenge to discuss: data silos

- Why are there data silos: the business and regulatory reasons for our heterogeneous data landscape
- Why are we expecting AI to substantially improve the clinical trial process?
- Machine Learning for clinical trials - use cases in patient recruitment, clinical trial design and clinical trial optimization
- How are data silos hindering AI adoption in clinical trials?
- How can we overcome the silos?
- Best practices of data silo integration in the clinical trial life cycle

Participants

Christian Spindler - Consultant & former lead in Data Analytics for IoT at PwC, Consultant

Use case: AI for medical record integration

13:30 - 16:30

- Key challenge to discuss: data extraction
- How do medical records typically look like and how stakeholders deal with them today
- Why should medical records be integrated, what use cases would arise?
- What are AI-driven approaches for medical record integration?

Participants

Christian Spindler - Consultant & former lead in Data Analytics for IoT at PwC, Consultant

SCHEDULE
DAY 1 - 10/06/2019

TIME	
09:00	**09:00** - Overview on AI-enabled clinical innovation
10:00	**10:30** - Use case: AI for clinical trials phases 1-3, including medical imaging
11:00	
12:00	
13:00	**13:30** - Use case: AI for medical record integration

SESSIONS
DAY 2 - 11/06/2019

A Practical Guide to AI in Clinical Trials

10th-11th June 2019
Academy London, a Google Space
London

The strategic discussions and decisions needed to realise the potential of AI in the pharmaceutical industry

09:00 - 10:30

Key challenge to discuss: How to source the necessary talent to make use of AI

- Finding and enabling the right talent mix within and outside the

Participants

Eddie Guzdar - Medical Head of Neuroscience, Sanofi Genzyme

Use case: AI for improved employee efficiency exemplified on pharmacovigilance

10:30 - 12:00

Building AI into adverse event case reporting - automate to innovate

Participants

Eddie Guzdar - Medical Head of Neuroscience, Sanofi Genzyme

Use case: How AI is being used in virtual trials

12:00 - 13:30

- Introduction to virtual trials
- Collecting of safety and efficacy data from clinical trial participants
- Integrating data from electronic health records, mobile health applications, remote monitoring, virtual visits to enhance the interface between clinicians and clinical trial participants
- Advantages that virtual trials have over the traditional model and disadvantages
- Regulatory impact on virtual trials

Participants

Bhupathy Alagiriswamy - Director, Credence Clinical Solutions Ltd

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A look a current research – What can future developments can we expect in AI for clinical trials?

13:30 - 15:00

- Patient recruitment and retention enhancement
- AI to Predict Drug Resistance
- AI for smarter drug development
- AI for wearable health Clinical trials

Participants

Bhupathy Alagiriswamy - Director, Credence Clinical Solutions Ltd

SCHEDULE
DAY 2 - 11/06/2019

TIME	
09:00	**09:00** - The strategic discussions and decisions needed to realise the potential of AI in the pharmaceutical industry
10:00	**10:30** - Use case: AI for improved employee efficiency exemplified on pharmacovigilance
11:00	
12:00	**12:00** - Use case: How AI is being used in virtual trials
13:00	**13:30** - A look a current research – What can future developments can we expect in AI for clinical trials?