RWD for R&ED : A Research Informatics Perspective on Why, What & How

1923

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novo nordisk

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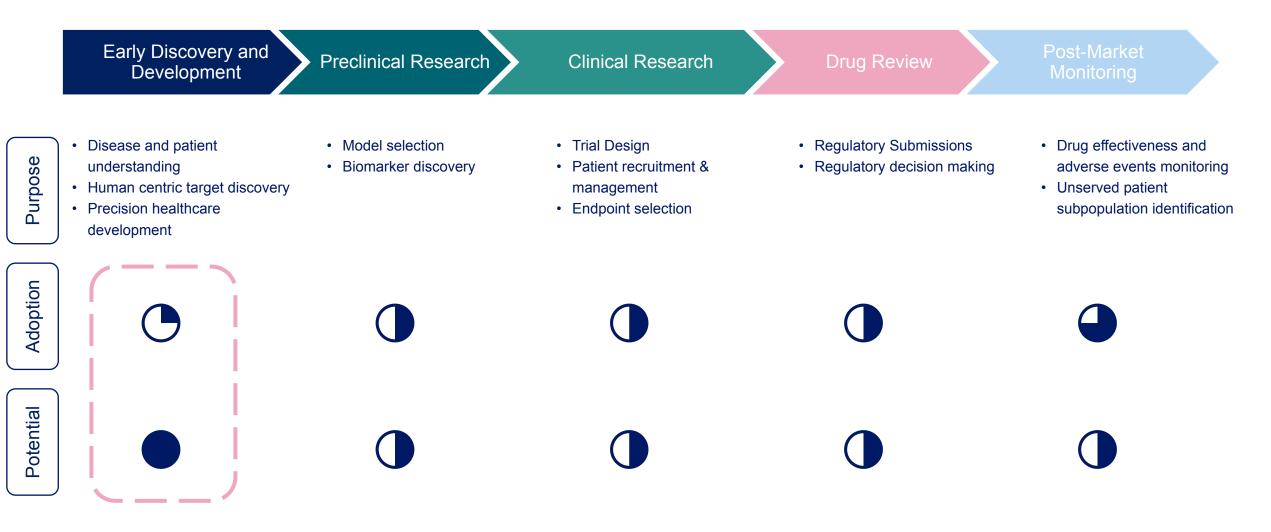
Else Jeppesen (right) with a friend

Our first patients to be treated with insulin produced by August Krogh and H.C. Hagedorn.

Lingling Jiang Head of Research Informatics China Digital Science & Innovation, Novo Nordisk

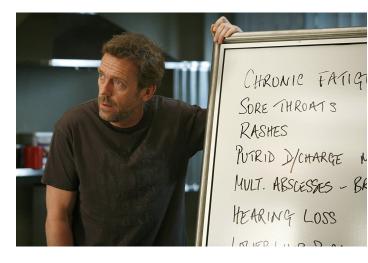
Nov 15th 2023, Pistoia Alliance Conference

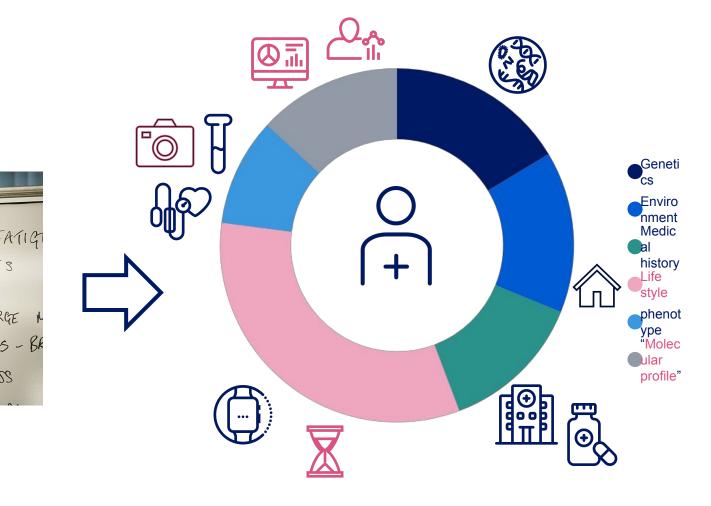
Real World Data for Human Centric Healthcare



What Makes a Patient a Patient: Understanding disease with RWD in Pharma R&ED

So, what does he have?



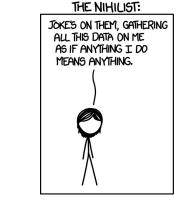






Data Access: A Barrier to Big Data AI in R&ED

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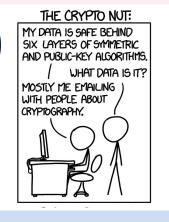
THE CONSPIRACIST: THESE LEAKS ARE JUST THE TIP OF THE ICEBERG. THERE'S A WAREHOUSE IN UTAH WHERE THE NSA HAS THE ENTRY ICEBERG. I DON'T KNOW HOW THEY GOT IT THERE.

Data owner

Why do you need my data?

Adopted from https://xkcd.com/1269/ Opinions on internet privacy

There are 5 patients with matching Data-Fields ?!



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Data Scientist

THE EXHIBITIONIST:

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It seems that you don't have access to project_TBD057 on our platform.

Data Engineer

- Not so big data at all
- Complex transformation before access
- Linking data at individual level without risk of re-indetification
- Cohort/trial design not fit for the specific research questions in mind

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The Hurdle from within

Data Foundation ALL MODERN DIGITAL INFRASTRUCTURE I A PROJECT SOME RANDOM PERSON IN NEBRASKA HAS BEEN THANKLESSLY MAINTAINING SINCE 2003

https://xkcd.com/2347/ Dependency





What we propose: An Open Letter on RWD Data Principles to promote public trust and collaboration*

What do we need: Insights on current data practice and RWD needs, network to reach patients, policy makers and other relevant stakeholders

How can you help: reach out to project group and/or corresponding PA strategic lead for general support and/or sign up for participation

*On going project by Pistoia Alliance Pharma Innovation Council, Working Group 1: Improving efficacy and efficiency in pharma R&D

