

Let the data flow – EHR2EDC in clinical trials

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Head Data Generation

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innovate.collaborate.act.





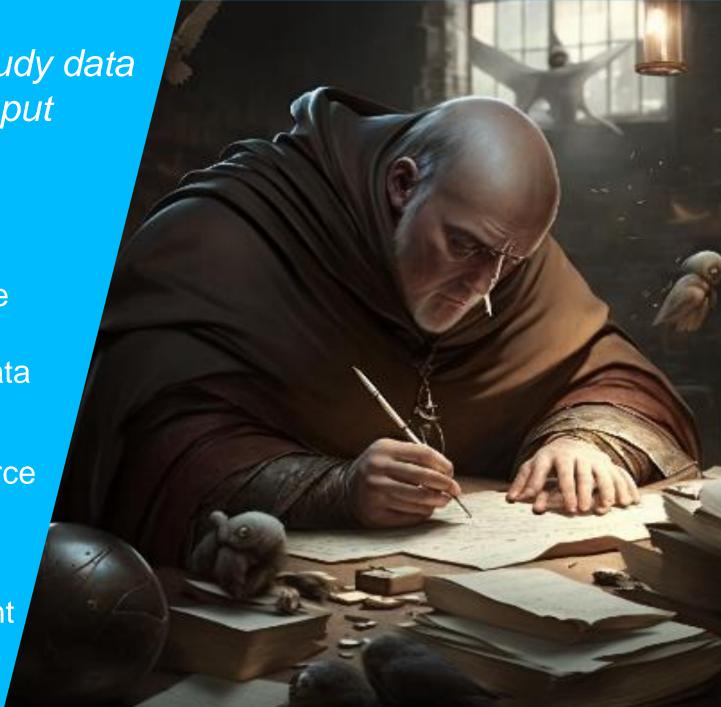
Gold standard of clinical study data capturing is manual data input

Copying data from EHR into EDC systems manually

Copy paste mistakes, waste of time for site staff and the necessity to review the entries during source data verfication visits

Quality Review visits ensuring source data verification are time and cost intensive

Investigators are paid for time spent of documentation





I have a dream,

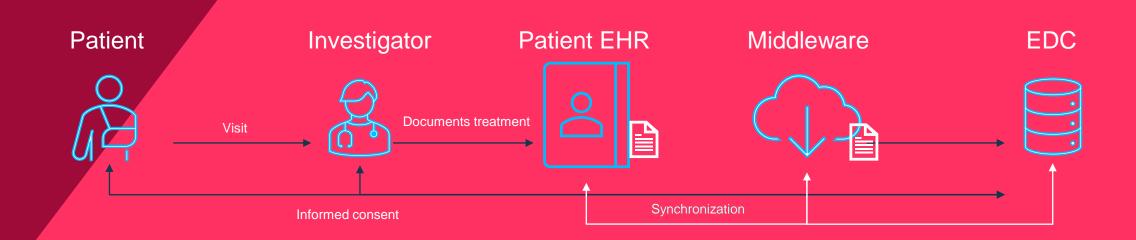
that pseudonymized health data flow automatically from point of care to clinical research database to authorities

Let the data flow



Automatic Data Transfer in Clinical Studies (EHR2EDC)

FINE-Real Study a non-interventional study providing insights in a routine clinical setting



- // Lab values
- // Diagnoses
- // Medication (start, stop, dose, frequency)
- // Personal data (age, year of birth, weight, height, gender)

1) Mueller et al. 2023 Journal of Medical Internet Research - Automated Electronic Health Record to Electronic Data Capture Transfer in Clinical Studies in the German Health Care System: Feasibility Study and Gap Analysis

Beyond the idea of EHR2EDC there are multiple challenges for implementation



BAYER

Changing the status quo - benefits for investigators, sponsors and regulators



Addresses feasibility, connectivity, and compatibility

100%

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compliance with the **GDPR** due to patient consent



Prospective primary data collection

1x1

high quality of the collected data



Reduce costs and improve study planning

15.000€

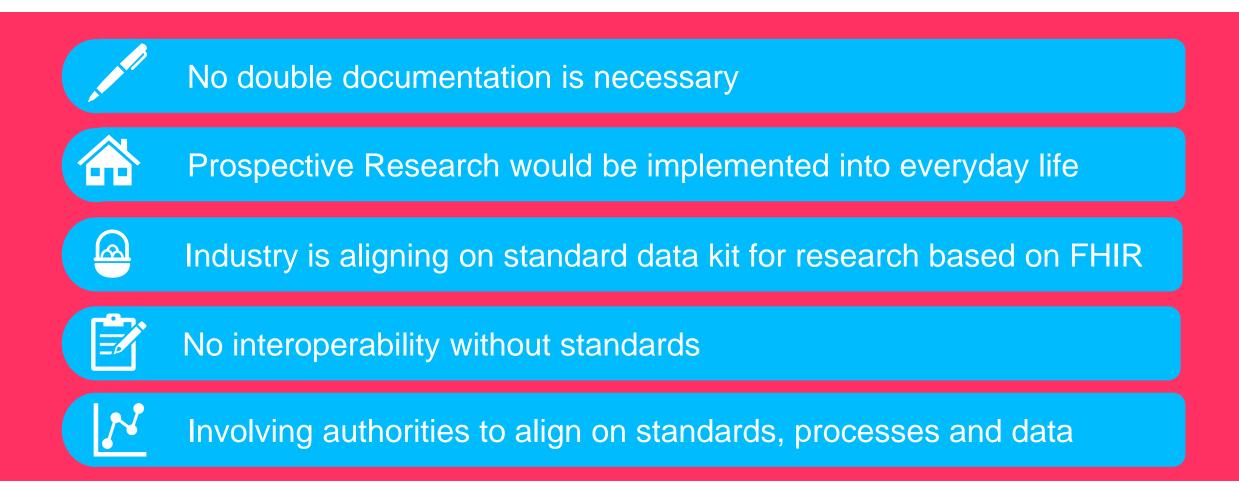
Savings per Patient due to 87,500 h in a 3.5 million-Data point study

Germany is moving forward in Digital Health – Political Framework

- // GDNG enabling secondary
 use of health data
- // Patients empowered to donate data to research data center (FDZ)
- // ePA to EDC



Consequences for investigators, sponsors & EHR provider



SPHIN-X

One Data Space for Health

	adesso		AstraZeneca	.B.A.
	BAYER	🍪 BDI	bdr.	bitko
	Boehringer Ingelheim	BPI Bundesverband der Pharmazeußischen Industrie e.V.	🗲 BRAINLAB	► managing
	das 🖻 lab	Deloitte.		🗾 Fraunl
		inovex	≣IQVIA	Janssen
P	kjur	Medtronic	S MSD	Rock
	ROTE	Ŧ Systems	Vfa. Die forschenden Pharma-Unternehmen	zvei



Health for all Hunger for none

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