

Key Offerings

Access to tools and methods for **Synthetic Data Generation (SDG)**, validated in a set of clinical use cases.

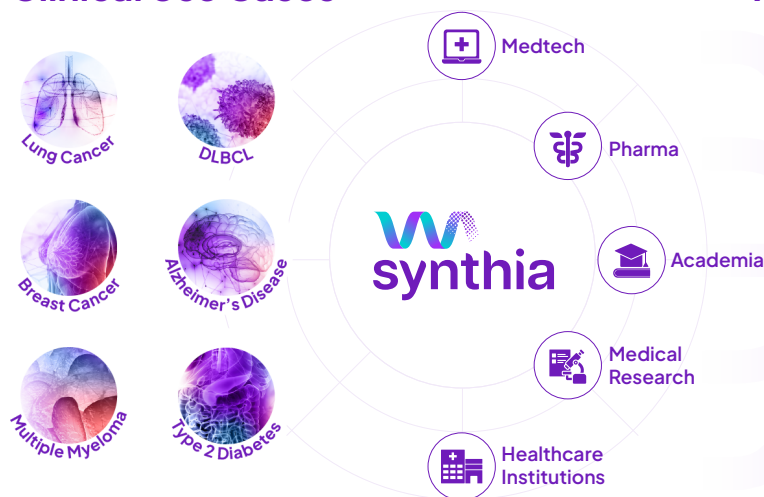
Access to **predefined, clinical-grade Synthetic Data (SD) collections** for a set of clinical use cases.

For **various data types**, including laboratory results, clinical notes, genomics, imaging, and mobile health data.

For **unimodal, multimodal and longitudinal** datasets.

With a framework for SD evaluation, **ensuring privacy, quality and bias mitigation.**

Clinical Use Cases




Targeted Healthcare Stakeholders

Legal Experts	SDG developers
Socio-Economic Analysts	FAIR Data Experts
Regulatory	Clinical Researchers
Policy Advocacy	Developers of Therapies and Data-Based Tools
Communication Experts	

SYNTHIA

A multidisciplinary collaboration of

 **36 Partners** from 16 countries, including 4 pharma and 2 MedTech companies

 Budget **22.4M€**

 Launched Sept 2024
Duration **60 months**

Targeted SD Applications

Privacy preserved datasets for sharing

Augmented datasets for AI.

Corrected imbalance in AI training datasets.

Extended and generalized validation cohorts for AI.

Development and testing of **Virtual Twins**.

Synthetic control arm for Clinical Trials.

Applicability limit analysis for regulatory and other uses.

Hypothetical scenario analysis.

And others ...

