

Clinical Trials in Denmark

→ Denmark is a world leader in clinical trials

Denmark hosts more clinical trials per capita than any other country in the world. It is easy to recruit eligible study participants, and a single point of entry facilitates the identification and contact with leading clinical centres of excellence at hospitals nationwide.

Phase I fast track

The Oncology Department of Rigshospitalet in Copenhagen, one of Denmark's largest and most specialised hospitals, has formed a "Phase I unit" dedicated to clinical trials in collaboration with other units around Europe. Owing to this fast track, time interval from protocol to first patient enrolled is less than three months for all phase 1 studies.

Currently, around 80 clinical studies are active, of which around 65% are in collaboration with the industry or European research organisations.

16,249

In 2013, a total of **16,249** individuals participated in clinical trials with private sector organisations in Denmark.

Lif and DANSK BIOTEK, 2013

Efficient application handling

All new trial applications to the Danish Health and Medicines Authority must be approved within 60 days. **97%** were replied to within 30 days in 2011.



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- Measured by www.clinicaltrials.gov, 29 October 2013



➔ Health registries

Danish medical and genetic data records date back more than 50 years and are among the most sophisticated in the world.

Denmark's health registries ensure that no patient is **lost to follow-up**, affecting **study validity** positively. The country has around 50 national clinical quality databases based on diagnostic groups, medical specialty or procedures.

- Patients are easily monitored and traced.
- Follow-up patient data can be pulled readily.
- Measurable results over time.
- Data may be linked across registers and databases such as National Patient Registry, Birth Registry, National Health Insurance Registry.

The Danish Cancer Registry

dates back to 1942. In 1987 it was made mandatory to document all instances of cancer, allowing extensive research into the causes and spread of cancer throughout Denmark's history. The registry is now one of the **best cancer registries in the world**.

➔ Biobanks

The Danish Biobank Register gives researchers online access to combined data from biobanks at hospitals, universities and other research institutions.

Over the years, Denmark has invested large sums in building up national registers containing information about all residents in Denmark.

Through national collaboration, **large biobanks** based at hospitals, universities and other research institutions in Denmark regularly submit data to the Danish Biobank Register. Data from the biobanks are linked to **disease codes** and **demographic information** from national administrative registries on an individual level.

The Danish Biobank Register gives researchers **online access** to **combined data** from all the biobanks participating in the Danish National Biobank initiative.

13%

of the Danish population has contributed to a clinical trial or medical research, which is more than 100,000 people annually.

MSD places studies in Denmark

In 2012, MSD conducted 13% of all sponsored clinical research and invested DKK 100 million in clinical research in Denmark.

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One of the key factors why MSD places studies in Denmark is speed. We have no delays in HA/IEC approvals, fast turnaround with signing of contracts and most importantly, rapid and predictable recruitment via methods such as Facebook and Danish registries.

- Iben Ordrup Christensen, Clinical Research Director, MSD Denmark