

Clinical Trials in Kazakhstan

Y 2021 Research report

Location Data

Kazakhstan is the second largest country between all of the former Soviet Union republics with its population of 19 million people^[1]. The country has a large and very diverse population, with a sufficient number of trained workers in Healthcare industry.

- Ethnically diverse treatment-naïve patient population.
- Most of the population is concentrated in a few major cities, where healthcare centers are usually well-equipped medical facilities.
- Motivated patient population in search of better care.
- Moderate investigator fees.
- Low number of studies per patient



Russia, together with Kazakhstan, Belarus, Armenia and Kyrgyzstan as members of Eurasian Economic Union concluded the agreement of unified principles and rules for circulation of drugs and medical devices entered into force on 12 Feb 2016, which facilitated clinical trials conduct in these countries and made it transparent to partners.

There is an opportunity for pharmaceutical companies and CROs of unified electronic drug registration within the Union: when it is possible to run clinical trials in one

of the member states and then apply for marketing authorization in any of the remaining participating countries through a simplified procedure.

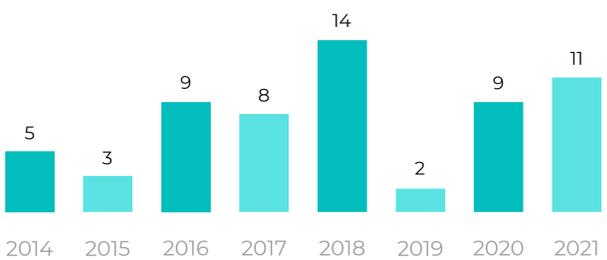
For clients that are looking to initiate new studies and prefer to avoid potential study conduct challenges in the Russian Federation, Kazakhstan offers a cost-effective alternative location. SRG was the first CRO to establish itself in Kazakhstan and has 15 years' experience in delivering high quality clinical trials.

Trial Data

During the Year 2021 there were 11 clinical trials initiated in Kazakhstan including local and bioequivalence studies. That represents a 22% growth rate in comparison with the previous year when just 9 studies were initiated. All of clinical trials conducted in Kazakhstan in the Year 2021 were interventional studies.

The clinical trials initiated in Kazakhstan during the Year 2021 were related to Infectious diseases (1 study) and Surgery (1 study). In accordance with the past 5 years' data another prominent therapy areas included Oncology, Mental Health, Cardiology, Diseases of Musculoskeletal System, and Gastroenterology.

Clinical Trials in Kazakhstan (Y 2014 - Y 2021)



Sponsor Data

By country of origin, the Kazakhstan organizations holds the lion share of the domestic clinical trials market – the [Research Institute for Biological Safety Problems](#) and [Nazarbayev University](#) were the most prominent players in Year 2021.

As for the foreign sponsors, the Europe/UK accounted for the largest number of pharmaceutical sponsored clinical trials in Kazakhstan – in accordance with the past 5 years' data the most active foreign players there were [Sanofi](#), [F. Hoffmann-La Roche](#) and [GlaxoSmithKline](#).

Subject Data

The overall number of subjects enrolled (or planned to be enrolled) in clinical trials initiated in Kazakhstan in the Year 2021 (including multi-center international studies) was just 294 participants of two interventional Clinical trials – one Phase II trial and one Phase III study.

About The Orange Paper

The Orange Paper is a free publication produced by Synergy Research Group for the pharmaceutical industry since 2007. It pulls together data from numerous public sources into a single brief document to aid decision makers planning to conduct clinical trials.

It is produced quarterly, with an annual summary at the close of each year.

All of the data within this document are actual on date: 09/06/2022

About Synergy Research Group

Synergy Research Group is a contract research organization successfully operating in Russia, Kazakhstan, Ukraine and Canada since 2002.

We set up the highest level of world-class quality both for SOPs and for final study data in every clinical trial we conduct.

Synergy consistently ranks in the top-10 market leaders by number of conducted clinical studies and enrolled patients. The high recruitment rates of the emerging markets combined with innovative technology allows Synergy to offer our clients conduct faster, more cost-effective studies without sacrificing quality for our clients.

We are continuously improving our SOPs, study risk management and IT infrastructure – and replacing outdated R&D strategies by novel, more efficient approaches to clinical research.