

Clinical Trial Patient Journey

Create a streamlined experience for patients participating in clinical trials

Key challenge

Between 2015 and 2019, nearly 300,000 patients around the world participated in clinical trials, according to the U.S. Food and Drug Administration.

Patients are at the heart of the clinical trial process, and many of the reasons why clinical trials fail are based in unfavorable patient experiences. For example, trial sponsors may fail to provide feedback that lets patients know where they are in the process. As a result, patients may feel confused and unvalued. This can lead to them dropping out of the trial or sharing their negative experience...impacting recruitment for future trials.

Providing trial participants with a smooth, well informed, hassle-free experience, from the pre-screening interview all the way through post-trial check-ins, benefits all parties involved.

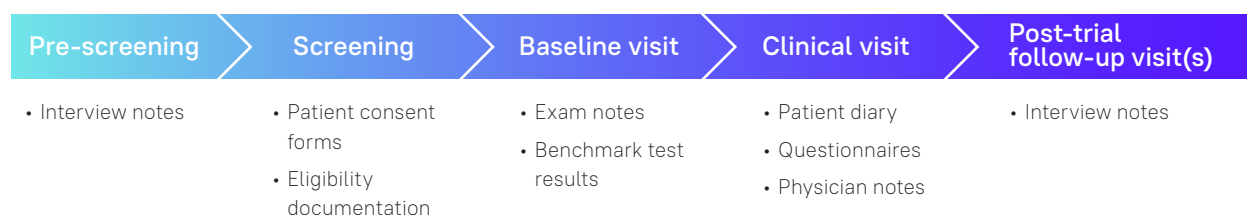
The patient journey involves multiple stages and massive amounts of information from multiple sources, including consent forms, patient diaries, physician notes, test results, and questionnaires:

In 2020 alone,
more than

36,000

new clinical studies
were registered in
the ClinicalTrials.gov
database.

↳ [Source](#)



Any improvements that can be made either in the process itself or in the handling of information contributes to a more favorable journey for patients, helping sponsors to ensure completion of their studies and to continue recruiting and retaining participants.



Solution

Because of the multiple stages and vast amounts of information involved in clinical trials, steps to ensure a patient-centered process should combine automation and process mining.

ABBYY Digital Intelligence leverages the combined power of Process Intelligence and Intelligent Document Processing, unlocking opportunities for increased efficiencies and improved outcomes. The integrated solution helps trial sponsors process content faster and more accurately, alleviate process bottlenecks, and avoid wasted time and other hassles for study participants.

Take control of the clinical trial patient journey with ABBYY Digital Intelligence solutions

Digital Intelligence helps streamline the clinical trial patient journey by applying artificial intelligence (AI) to content and process analysis.

Content Intelligence

Data is the fuel that drives clinical trials, and Content Intelligence solutions help ensure that data is processed efficiently and accurately, reducing the risk of lost paperwork and errors that can disrupt the patient journey.

- ✔ Automatically extract information from a broad range of sources—including the investigator's brochure, the clinical study protocol, subject information and informed consent forms, clinical study reports, and the case report form (CRF).
- ✔ When all relevant information is available in a digital format, AI applications can analyze it to assist trial sponsors in moving the patient journey forward.
- ✔ AI applications can monitor patient information on an ongoing basis and alert study sponsors to trends that could impact trial outcomes.

Process Intelligence

Processes are data in motion, and Process Intelligence delivers the insights needed to understand, improve, and monitor the patient journey of clinical trial participants.

- ✔ Process Intelligence uses data from a variety of systems to quickly analyze the processes that make up the patient's experience.
- ✔ The study sponsor can gain a clear understanding of how these processes execute (as contrasted with how they should execute) and take measures to eliminate inefficiencies.
- ✔ ABBYY Process Intelligence technology monitors processes continuously and alerts users to disruptions that could interrupt a patient's progress.

Discover the ABBYY difference

Ensure efficient, accurate content handling

- Automate intake and analysis of content from diverse sources, including physician notes, questionnaires, and patient diaries.
- Reduce the risk of error associated with manual data inputs.

Streamline processes

- Easily identify and address disruptions that can cause delays and impact the patient experience.
- Streamline the informed consent process.
- Implement more efficient patient recruitment.

Enable continuous process improvement

- Continuously monitor processes for new disruptions or bottlenecks as they appear.
- Alert users to causes of potential delays as soon as they are identified, enabling prompt intervention.

ABBYY helps healthcare organizations optimize use of their resources while maintaining high standards for patient care. ABBYY uses Digital Intelligence to ensure that technology accelerates the organization towards the achievement of its goals, now and in the future. Learn more at [ABBYY.com/solutions/healthcare](https://www.abbyy.com/solutions/healthcare).

