

# Digitalization of Pre-analytics



For more than 38 years, CBT as an interdisciplinary healthcare company has stood for the combination of outpatient treatment and analytical diagnostics as well as for networking with strong partners from research, industry, and institutions in the healthcare sector.

As a knowledge producer, development, and exchange partner, we steer our expertise and drive the transformation of healthcare through action. For us, the potential for sustainable progress lies in the interaction of technology and knowledge, which we aim to unleash through our projects within CBT and beyond. For further information, please do not hesitate to contact us at any time.

## Digitalization of Pre-analytics in Co-creation with Roche Diagnostics and S4DX

In cooperation and in a co-creative development process with Roche and S4DX, we were able to contribute our expertise in sample removal for special diagnostics as well as the connection of otherwise separate treatment areas in order to significantly reduce the susceptibility to errors at the interfaces of medical practice and laboratory.

The systematic collection of pre-analytical data will improve the quality and effectiveness of the laboratory work and digitize an important part of the treatment process. The systematic networking of the various treatment areas means that the project contributes in important ways to the interoperability that is desired in many areas of the healthcare industry.

### ► Our Goals For 2023:

- Roll-out of the project to further CBT sites and contributors
- Development of a prototype for CBT's own Patient Reported Outcomes Measurement System and linking the data in the Viewics statistical program
- Monitoring of the treatment outcome
- Creation and dissemination of information material for patients and physicians on the subject of quality monitoring

### ► Further Goals:

- Comprehensive interoperability
- Consolidation and linking of all data collected during the treatment process up to the diagnosis as well as the measurable *outcome* of the treatment
- Complexity management for comprehensive monitoring and continuous improvements in patient care by optimizing treatment workflows and permitting patient pathways

### ► Long-term goal:

- CBT Goal - Value-Based Health Care: Collaboration, co-creation and knowledge transfer with providers, researchers, practitioners, patients, industry and policy makers