**ADVANCING VALUE-BASED CANCER CARE**

**BC Platforms’ Systematic Approach to OMOP Oncology Federated Query and Analytical Solutions in ONCOVALUE consortium**

**BACKGROUND:** The ONCOVALUE consortium, a collaborative effort of cancer institutes and industrial partners, is dedicated to implementing value-based oncology care. Central to its mission are the localized harmonization of high-quality Real-World Data (RWD) to facilitate the development of federated analytical frameworks for the assessment the effectiveness of novel cancer therapies across multiple institutions as well as other HTA analysis.

**BC Platforms’ solution BCRQUEST.com:**
1. Complex query functionality to allow cohort-building capabilities
2. Federated analytics, i.e. survival and cost-effectiveness analysis
3. Visualization of analytical results and dashboard creation

**PROCESS:** Partner sites will harmonize oncology data using OMOP CDM and standard procedures. Consistent data formatting and harmonization ensure comparability across collaboration partners, which is vital for downstream analytics.

**OUTCOME**
OMOP CDM unifies clinical data from diverse sources for federated queries and analyses. BCP enables data-driven insights into novel cancer therapies, evaluation of their real-life effectiveness and support of evidence-based decision-making in oncology. This lays the foundation for large-scale trials and fosters collaboration towards improving cancer care outcomes globally.