

# Transforming the Brazilian Healthcare System: Implementing ICHOM Standard Sets through Value-Based Healthcare Principles

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## Introduction

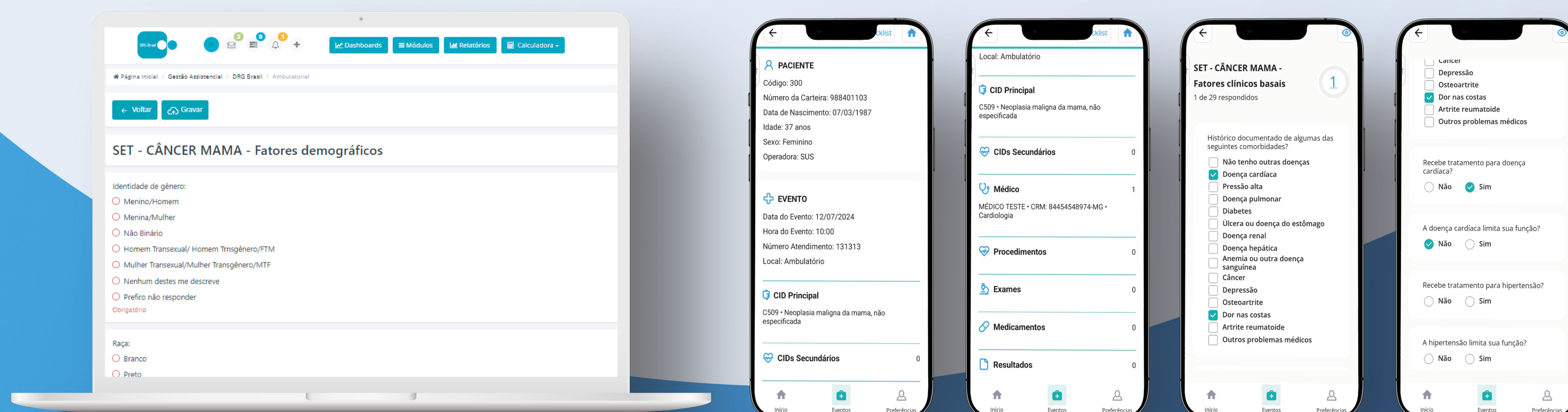
In recent years, Brazil's healthcare landscape has undergone a remarkable transformation, embracing Value-Based Healthcare (VBHC) principles. This shift has redefined the traditional healthcare paradigm, emphasizing outcomes, efficiency, and patient-centric care. Our organization, Valor Saúde Brasil, has been at the forefront of this movement, driving Brazil into a new era of healthcare excellence. The goal of this project is to integrate ICHOM standard sets across the Brazilian healthcare system, improving patient care and operational efficiency nationwide.

## Methods

This project began with an award ceremony in December 2023, marking the launch of a partnership between Valor Saúde Brasil and the International Consortium for Health Outcome Measurement (ICHOM). This collaboration introduced BEL, an innovative technology integrated into Valor Saúde Brasil for implementing ICHOM sets. The project involved 57 distinguished institutions receiving technology and consulting services, with 20 hospitals committing to implementation by February 2024. The intervention included aligning with high-level management, selecting appropriate ICHOM sets, conducting data gap analyses, constructing value chains for clinical care pathways, creating auditing checklists, and utilizing technology for PROMs collection. The project also involved developing a smart set selection framework, allowing clients to choose sets based on expertise, volume, and expected ROI.

## Results

The results of our project demonstrate a successful nationwide implementation of ICHOM standard sets. We initiated this massive implementation effort to encourage widespread adoption by offering the technology and consulting services free of charge. This incentive has fostered a national movement towards benchmarking and learning collaboratives, enabling healthcare institutions to share best practices and improve patient outcomes collectively. Additionally, we leveraged innovative technology to facilitate easy implementation and ensure accessible, patient centric care. Our efforts have set a new benchmark for healthcare excellence in Brazil, promoting efficiency and high quality care across the sector.



## Conclusions

The project underscored the value of leveraging technology to scale up the implementation of ICHOM standard sets. From selecting appropriate sets to data collection, technology played a crucial role in ensuring efficient and seamless execution. Our smart set selection framework allowed institutions to make informed decisions based on their specific needs and expected ROI, while advanced data collection tools ensured accurate and comprehensive outcome measurement. Additionally, having a well-structured project plan was essential for smooth implementation, providing clear guidelines and steps for each phase of the process. This approach not only enhanced the efficiency of the implementation but also ensured its success, setting a new standard for healthcare excellence in Brazil.

## Ethics Approval

No ethics approval was required for this work, as it primarily involved the implementation of technology and process improvements within existing healthcare frameworks.

## Conflicts of interest

The main conflict of interest in this project is that the results presented are from our own implementation project and company, Valor Saúde Brasil. While this may introduce potential bias, every effort has been made to ensure the accuracy and objectivity of the findings. No external funding was received for this project, and there are no competing interests related to advisory roles or business interests that could influence the results.