



**Aim:** This abstract focuses on the use of digital outcome measurement tools to enhance clinical practice and promote patient-centric care. The objectives are to explore the benefits and challenges associated with implementing these tools, and assess their impact on clinical decision-making and patient engagement.

**Methods:** A comprehensive review of existing literature and studies was conducted to examine the role of digital outcome measurement tools in clinical practice. The review encompassed various healthcare settings and medical conditions. Key factors considered in the evaluation included tool usability, data reliability, patient satisfaction, and the ability to capture meaningful patient-reported outcomes (PROs). Additionally, the review analyzed the impact of these tools on clinical decision-making and patient engagement.

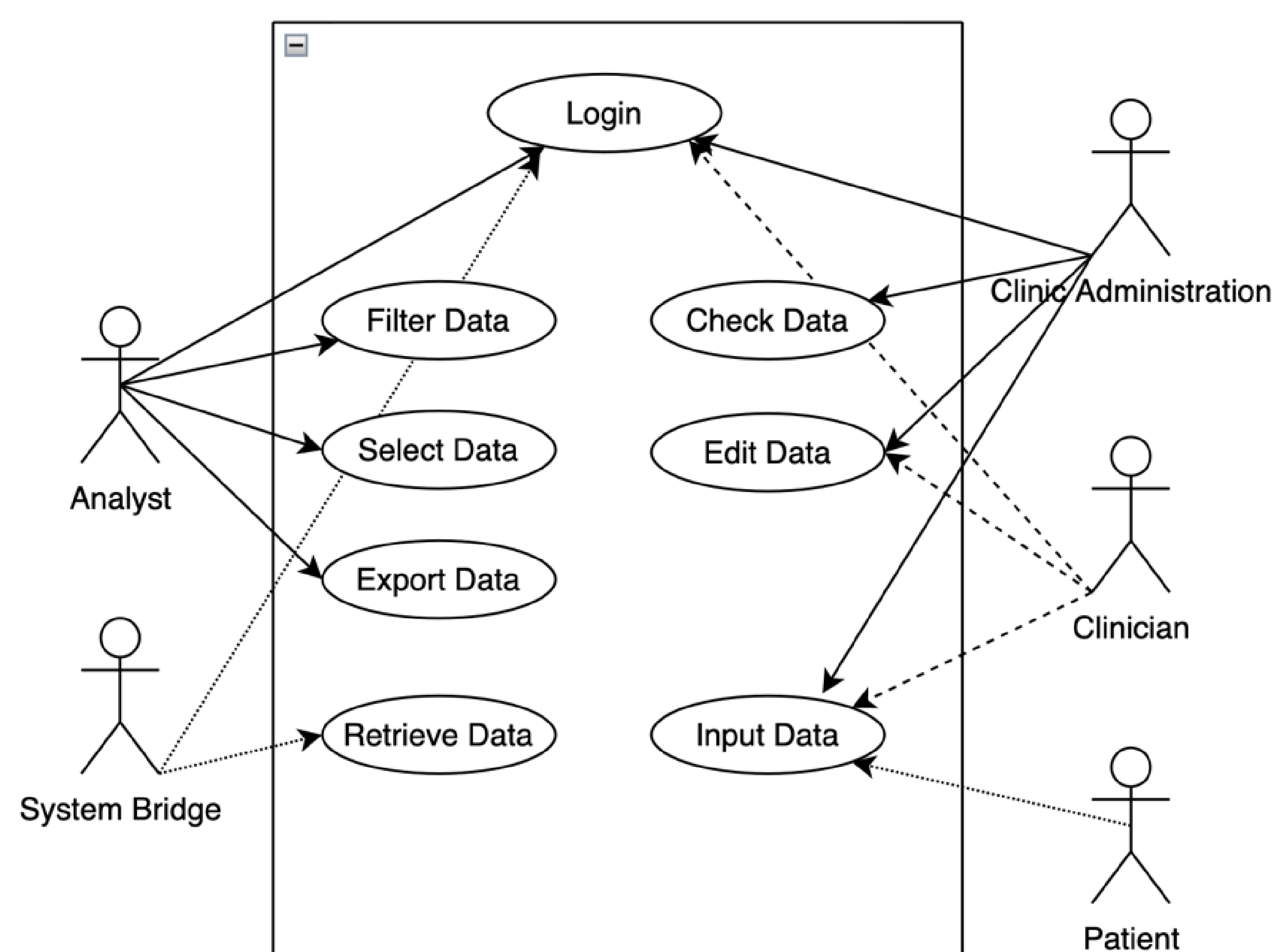


Figure 1. Main functionality groups and users in the Outcome Measurement Registry

**Results:** The review revealed several benefits of using digital outcome measurement tools in clinical practice. These tools improve the collection and analysis of PROs, enabling a more comprehensive understanding of patient experiences and outcomes. They facilitate real-time data capture, allowing for timely interventions and personalized treatment plans. Moreover, digital tools enhance patient engagement by involving patients in their own care decisions and promoting shared decision-making. Healthcare providers also report improved clinical decision-making through access to objective, patient-reported data. However, challenges such as data security, provider buy-in, and limited interoperability were identified as potential barriers to implementation.

**Conclusion:** The findings emphasize the potential of digital outcome measurement tools to enhance clinical practice and promote patient-centric care. These tools offer a range of benefits, including improved data collection, personalized treatment plans, and increased patient engagement. They provide valuable insights into patient experiences and outcomes, enabling healthcare providers to make informed decisions and tailor interventions. However, addressing challenges related to data security and system interoperability is crucial for successful implementation. By leveraging these tools effectively, healthcare providers can optimize clinical practice, improve patient outcomes, and deliver more patient-centric care.

