

## **Call for Papers: Special Section on Patient-Reported Outcomes and Informatics**

### **Guest Editors**

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### **Description of Special Section**

A patient-reported outcome (PRO) is any report of the status of a patient's health or wellness that comes directly from the patient, without interpretation of the patient's response by a clinician or anyone else. PROs assess how patients feel, function, and live their lives. They are collected using standardized, validated PRO measures. PROs are increasingly being collected in clinical care to support diverse health system goals, including to enhance individual patient care, improve population health, facilitate research, improve quality, and inform billing, reporting, and value-based purchasing. There is a need for use cases exploring how electronic PRO systems are designed, implemented, and/or evaluated to accomplish diverse health system goals.

This special section seeks to feature a broad range of explorations and applications of technology in the use of PROs across the key steps: deploy, collect, track, review, and document. In addition to including opportunities where technology facilitates using PROs to inform a patient's own care, technology can also play a key role in secondary use of PROs to support research, quality improvement, as well as for billing, reporting, or purchasing.

### **Topics of Interest**

Topics of interest for this special issue include but are not limited to:

- Use cases of technology in the design, implementation, and/or evaluation of PRO systems to accomplish a health system goal
- Applications of informatics with PROs related to workflow development and electronic health record integration
- Barriers and facilitators of informatics when deploying, collecting, tracking, reviewing, and documenting PROs
- Approaches to training or engaging patients, clinicians, administrators, and other stakeholders in electronic PRO system design, implementation, and/or evaluation
- Examples of approaches to optimize digital PRO data visualization and presentation to patients, providers, or other stakeholders
- Methods for applying informatics approaches to support PRO administration and scoring
- Ethical, legal, or diversity, equity, and inclusion considerations related to technology and PROs
- Applied examples of data architecture and use of common data models for PRO data
- Research describing the value added by using technology to collect or apply PRO data to inform clinical practice and/or other health system goals

### **Deadline**

Manuscripts should be submitted by **February 29, 2024**.

### **Submission and peer review process**

To ensure consideration in the special issue, authors should note in their cover letter that the submission is for the "Special Section on Patient-Reported Outcomes and Informatics." All submitted manuscripts should include "Special Section on Patient-Reported Outcomes and Informatics" in the article title, i.e., Special Section on Patient-Reported Outcomes and

Informatics: [manuscript title]". All manuscripts will be subject to the rigorous ACI peer-review process. Manuscripts that are considered within scope and meet quality expectations will be reviewed by informatics experts for scientific merit. Authors not comfortable or experienced with journal-style scientific writing should seek the assistance of a technical editor to ensure that the submission meets quality expectations of the journal.

General Information about the journal can be found at <https://www.thieme.com/books-main/clinical-informatics/product/4433-aci-applied-clinical-informatics>.

**Questions Regarding the Issue**

Please direct any questions regarding the special issue or submissions to [petersen.carolyn@mayo.edu](mailto:petersen.carolyn@mayo.edu).