



Preliminary feasibility and effectiveness of a new clinical decision support tool in knee arthroplasty rehabilitation

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BACKGROUND

- TKA rehabilitation is typically generic, despite patients' unique healthcare needs and postoperative goals^{1,2}
- We developed a Clinical Decision Support (CDS) tool to facilitate a more personalized TKA rehabilitation approach

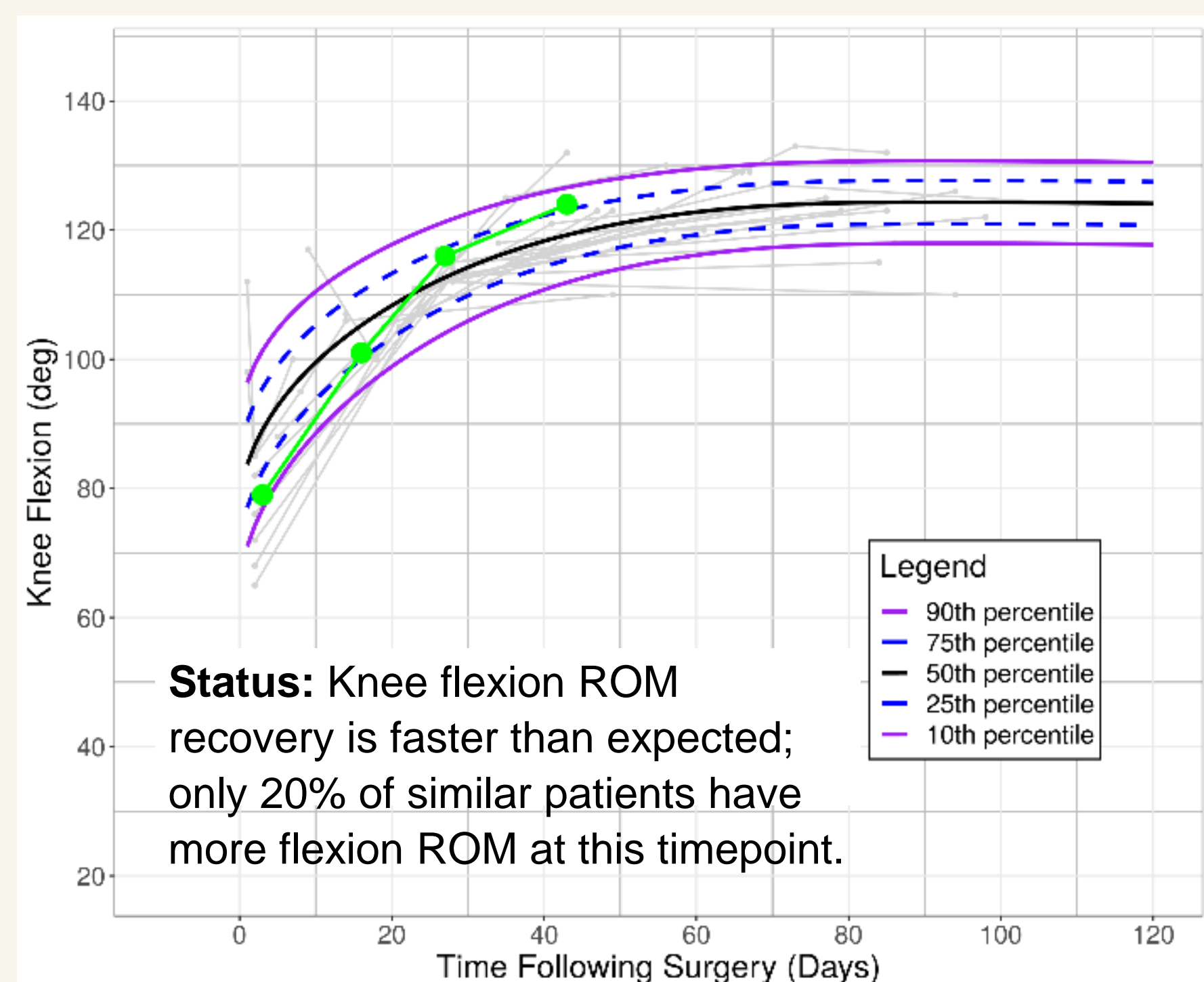
PURPOSE

To examine the CDS tool's preliminary implementation and effectiveness in outpatient TKA rehabilitation

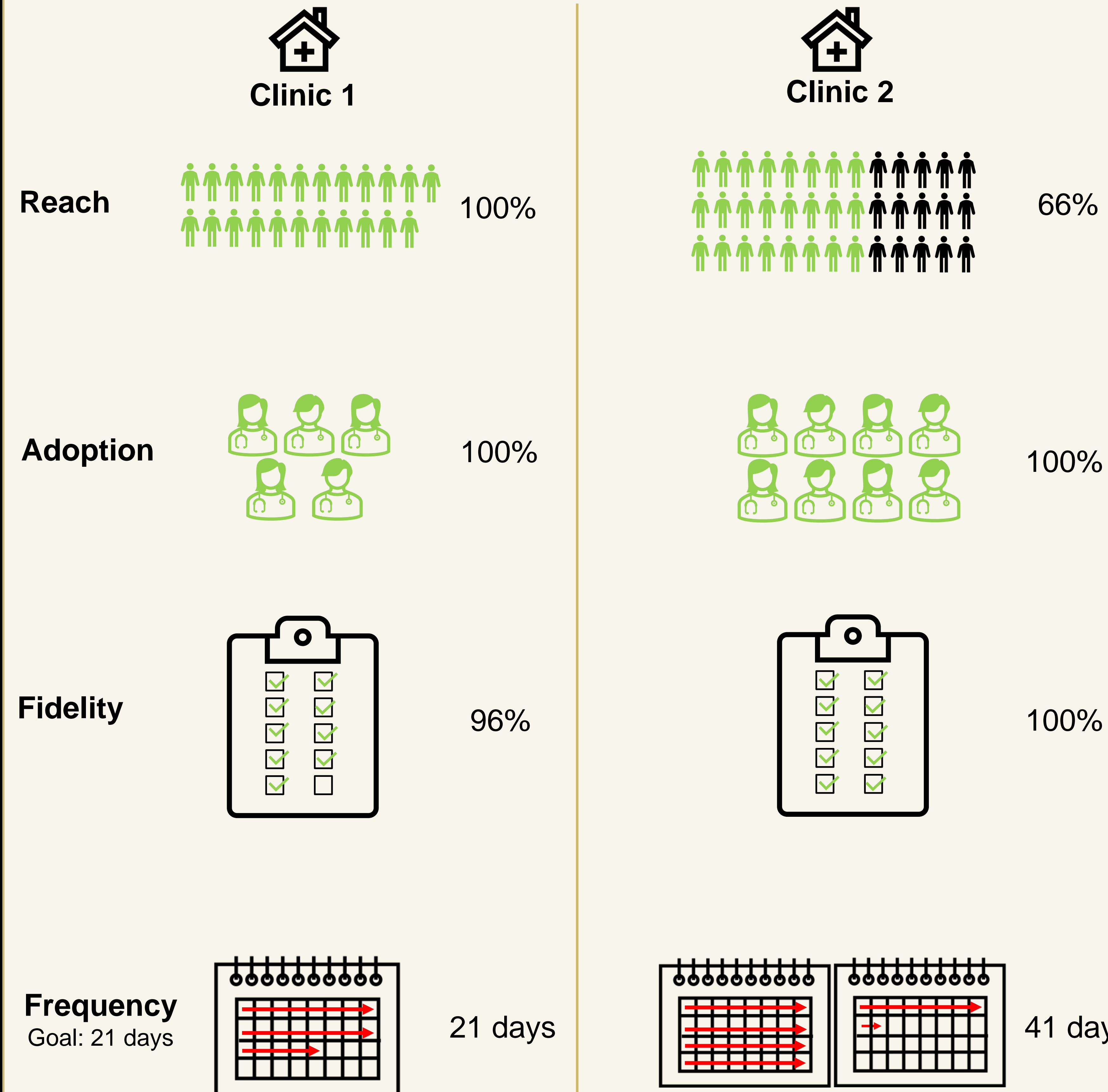
SETTING

Aging by Marie Van den Broeck from NounProject.com

All patients with TKA at two ATI Physical Therapy clinics in the Greenville, SC area



IMPLEMENTATION³



Calendar by Palukx from NounProject.com, Clinic by Pavitra from NounProject.com

EFFECTIVENESS

Patients treated with the CDS tool

- Attended fewer visits
- Reported better function
- Reported greater knowledge

FUTURE DIRECTIONS

- Interviews and surveys with patients, clinicians, and ATI leadership
- Mixed methods analysis of feasibility results
- Refine CDS tool and implementation strategy
- Large scale CDS tool deployment and testing

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