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## INTRODUCTION

- Quality improvement (QI) and Patient Safety (PS) are two integral pillars in medicine that foster improved patient outcomes and quality of care in a robust and efficient practice (1,2).
- The Institute for Healthcare Improvement (IHI) student chapter at Wayne State University School of Medicine (WSUSOM) has been providing QI and PS education for medical students since 2013.
- To provide opportunities for students to apply QI education learned during the first two years of medical school, IHI designed an Innovations Hub to foster experiential learning in QI.
- The IHI Student Clinic Innovations Hub provides a collaborative space for developing and implementing QI/PS projects within WSUSOM student-run free-clinics by leveraging the student-skills within IHI to enhance quality of care delivered in student-run free-clinics.

## METHODS

- The IHI Innovations Hub works to enhance the QI/PS skills of medical students through two components.
- Component 1** – The Innovations Hub facilitates a series of QI/PS and design workshops to develop the tangible skills necessary for students to integrate the QI framework inside and outside of their organizational practice.
  - Workshop themes range from topics such as design thinking to data analysis and are delivered in an interactive, "incubator" format that allows students to apply current or future projects. (Figure-1)
- Component 2** – Co-development of QI/PS projects to specific challenges faced by student run clinics.
  - "Innovation Leads" will guide the student-run clinic leadership teams through the IHI Innovation pathway (Figure-2) starting with an on-boarding survey.
- Throughout the process, an IHI Innovation Hub council comprised of previous board members and faculty will provide additional support.

### IHI Student Clinic Innovations Hub Workshop Series

Example list of workshop topics

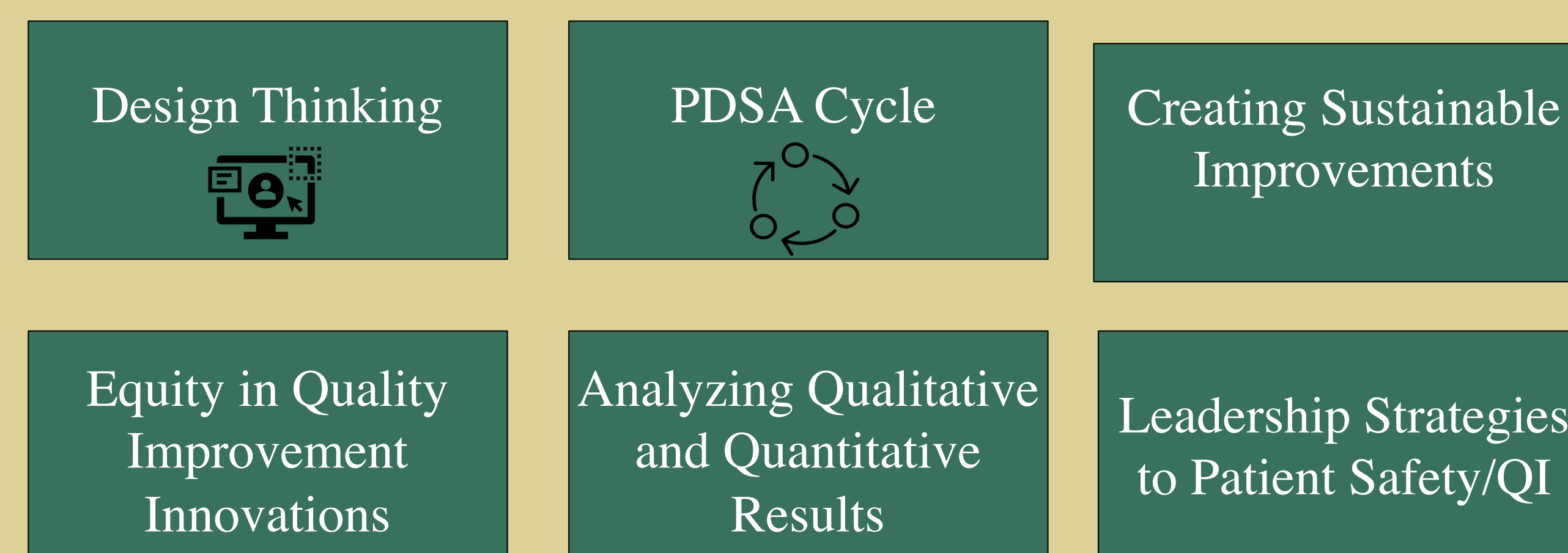


Figure-1

## METHODS

### IHI Student-Run Clinic Innovations Hub Pathway

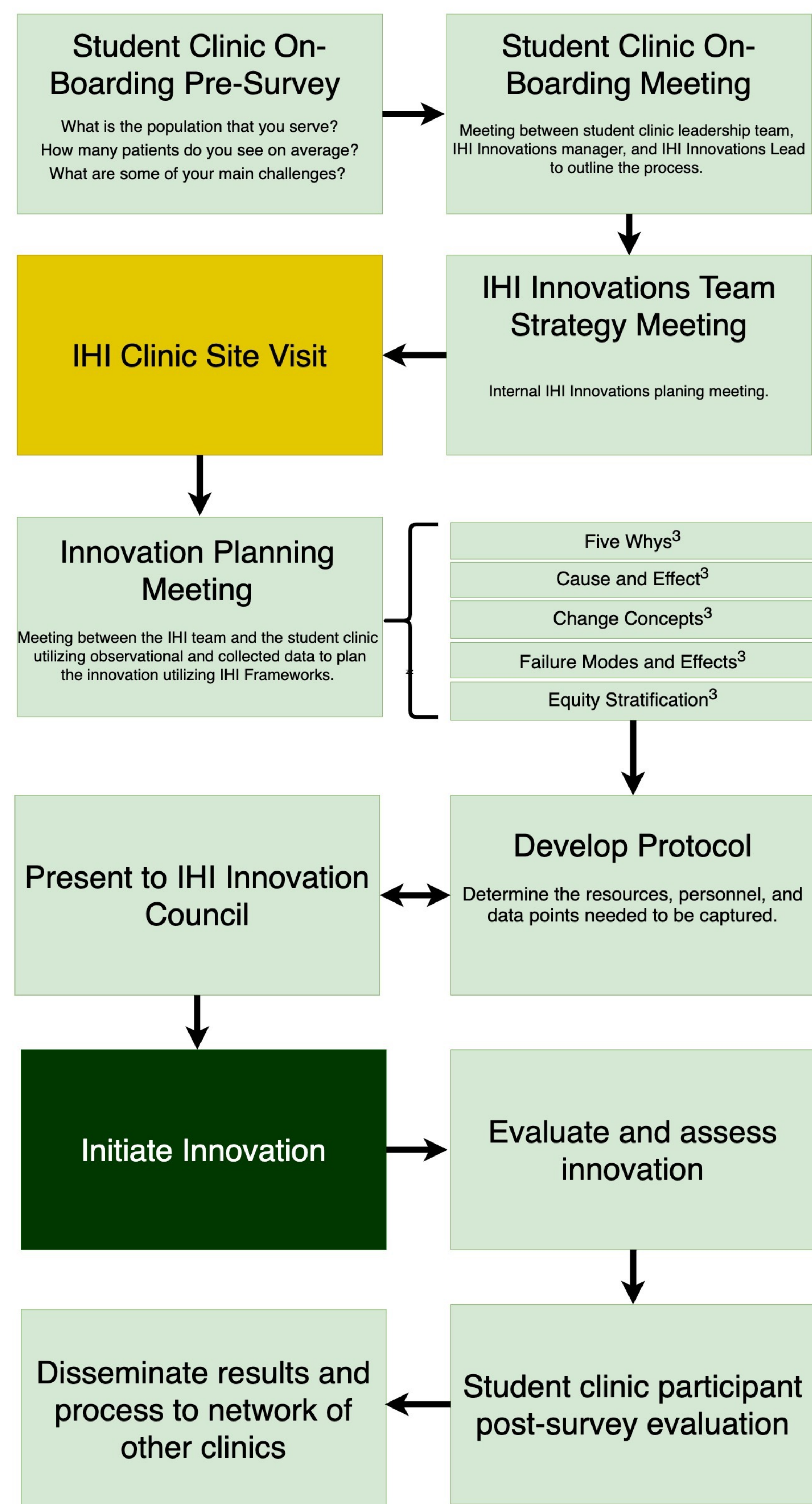
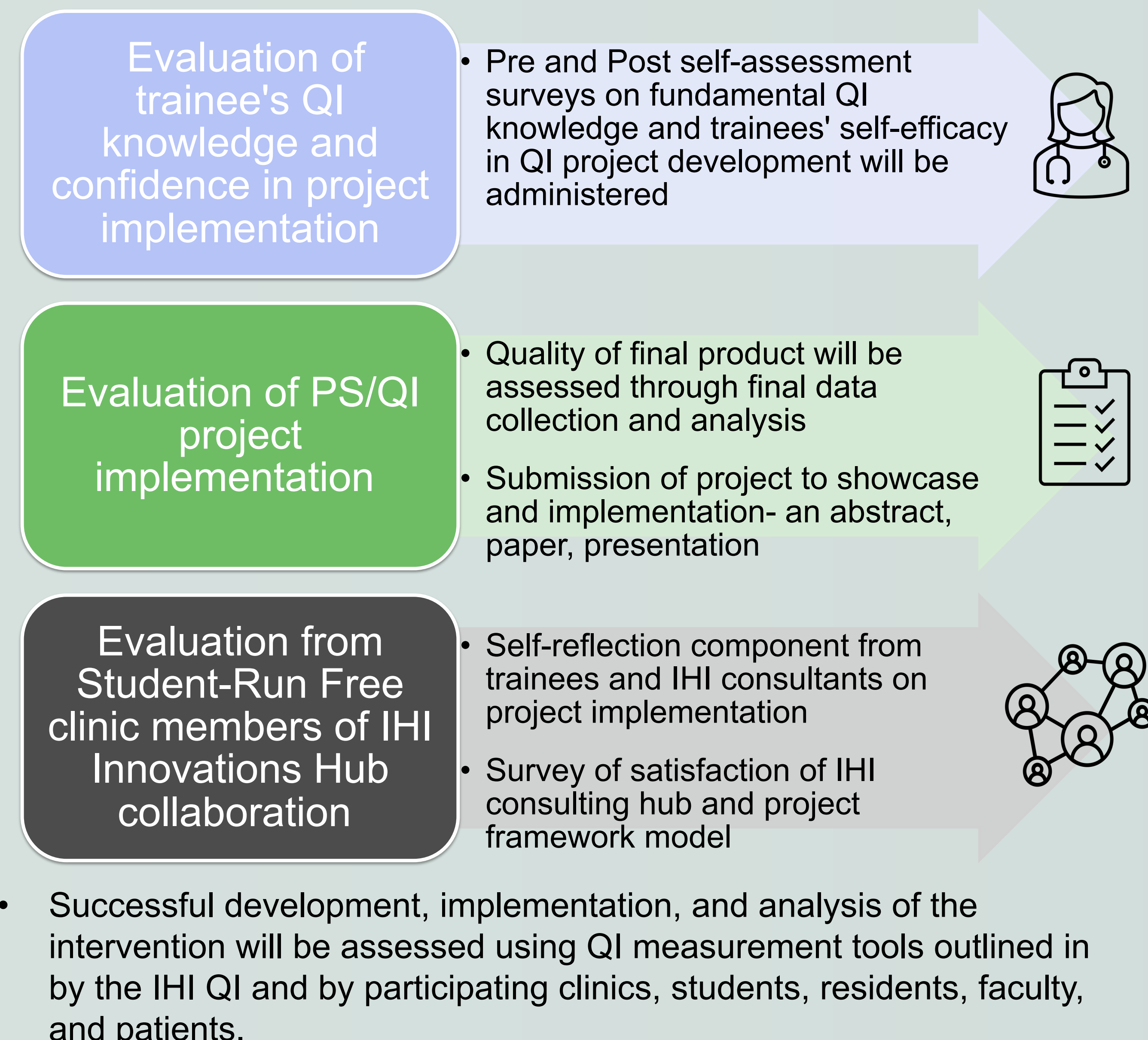


Figure-2

## ANALYSIS & EVALUATION PLAN



## DISCUSSIONS AND CONCLUSIONS

- Our student-clinic innovation model fosters a space for medical students to deliver QI/PS projects to better serve vulnerable patients in our Detroit community.
- This innovation advances and diversifies IHI's ability to disseminate education on QI/PS at WSUSOM.
- Future goal:** We aim to create a streamlined model for the consulting QI/PS process with student-run clinics in medical school institutions and share this framework with other IHI chapters across the nation.

## REFERENCES

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