

# Development of a novel interprofessional telehealth infrastructure for people experiencing homelessness

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## Introduction

The COVID-19 pandemic has disproportionately disrupted healthcare delivery to marginalized groups, particularly people experiencing homelessness (PEH). The UCSF Shelter Clinic is a student-run free clinic that has historically provided on-site healthcare and referral services to residents of Multi-Service Center South (MSC-South), Northern California's largest homeless shelter, since 1991. In March 2020, COVID-19 related shelter-in-place restrictions suddenly reduced shelter residents' access to urgent care and referral services in the context of increased reliance on telehealth. With the concurrent closure of the UCSF Shelter Clinic, we aimed to restructure our services to continue delivering safe and effective healthcare to MSC-South residents while providing service-learning opportunities for students.

## Objectives

- Aim 1:** To implement a student-led telehealth clinic that addresses reduced access to urgent care and referral services for homeless shelter residents during the COVID-19 pandemic
- Aim 2:** To provide service-learning opportunities for health profession students, physicians, nurses, and pharmacists to care for PEH.

## Process

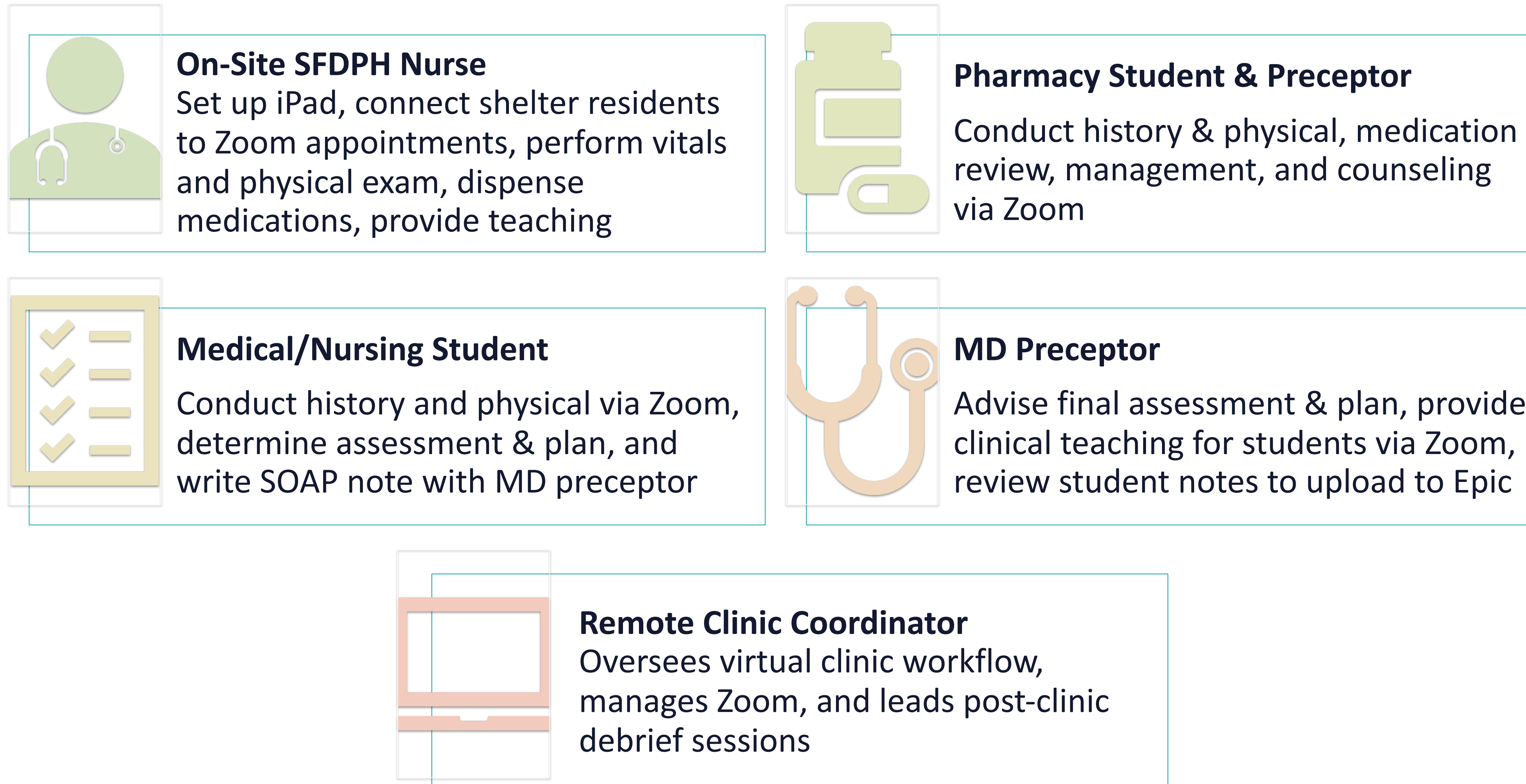
- Gathered best practices for telehealth for underserved populations via collaboration with UCSF student-run free clinics
- An interprofessional student team developed a telehealth workflow from Aug to Nov 2020
- Workflow was vetted by faculty advisors and SF Department of Public Health (SFDPH) liaisons
- Conducted student & preceptor telehealth trainings
- A pilot clinic was implemented in Dec 2020

## Intervention

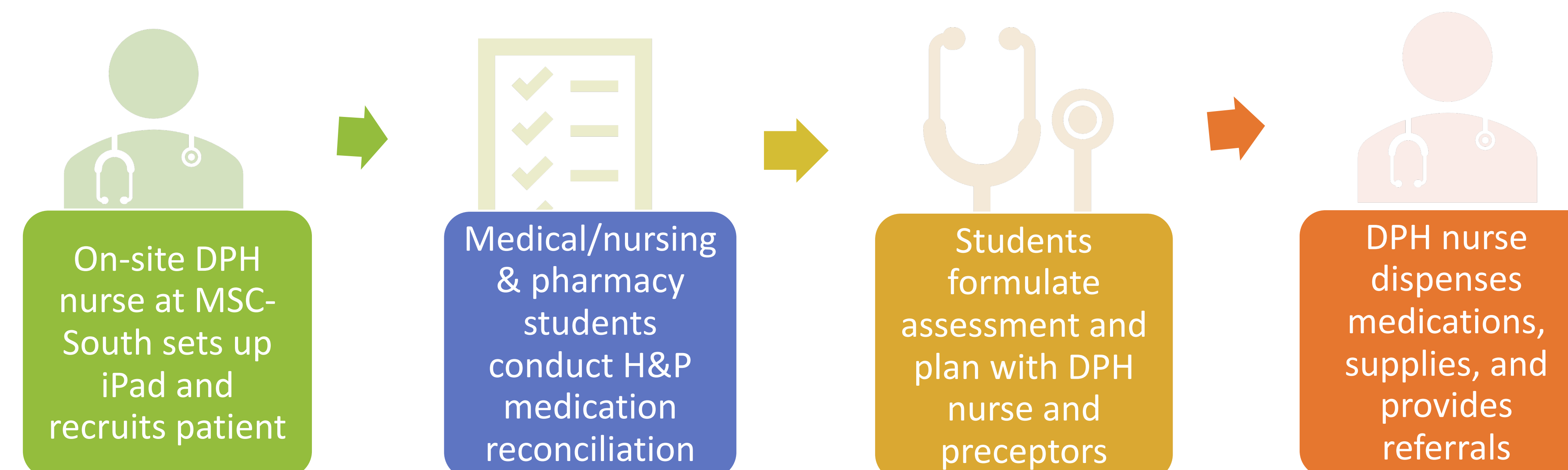
### Guiding Principles

Principle	Implementation
Meet healthcare needs of shelter residents	DPH nurse identifies patients with greatest need for medical care
Minimize COVID risk, with requirement that health profession students remain shelter-in-place	Transform clinic space into 1 patient room for social distancing, with most clinic personnel over Zoom
Leverage interprofessional expertise with PEH to provide comprehensive care and student learning opportunities	Conduct appointments with on-site nursing staff, medical/nursing students, and pharmacy students

### Key Team Members



### Workflow

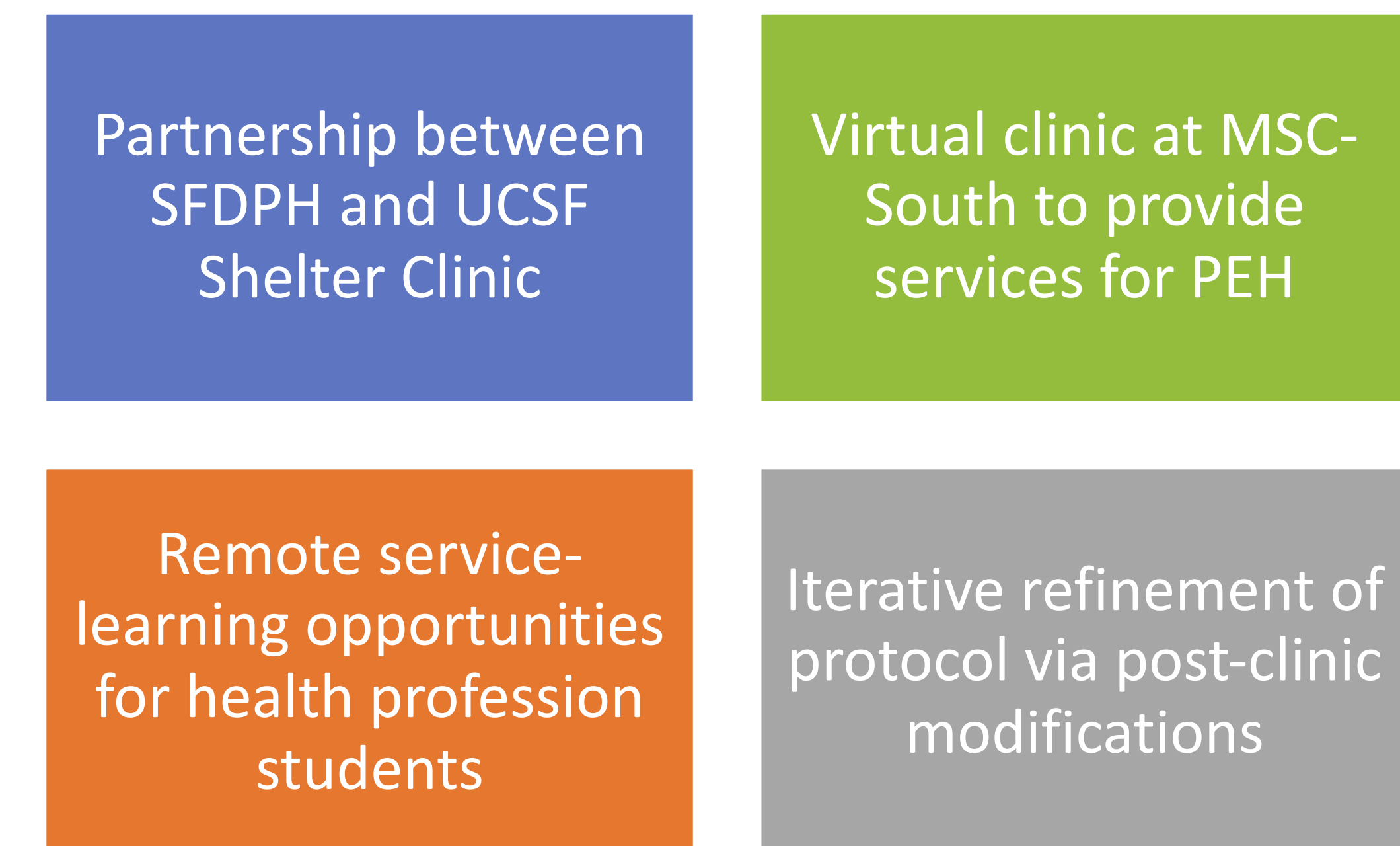


## Measure of Success

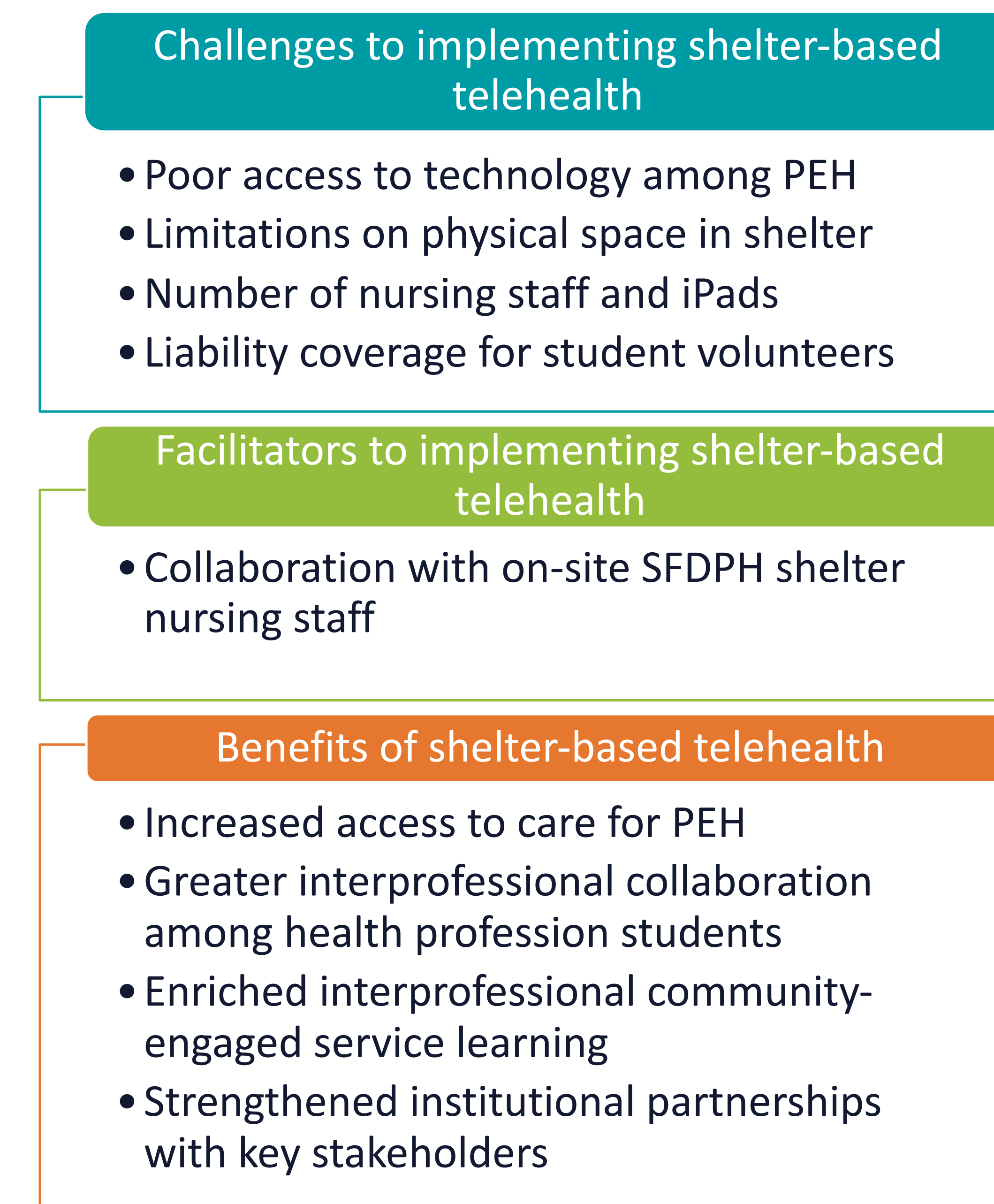
As of May 2021:

**31 patients served | 22 preceptor volunteers | 52 student volunteers**

## Findings to Date



## Key Lessons



## Next Steps

- Increase patient volume & days of operation
- Reintroduce undergraduate student volunteers
- Maintain telehealth services as an adjunct service upon reintroduction of on-site clinic

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