

# S-Corps Poster Draft (s)

- There are now two versions (slides 2 and 3)
- + A third version (slide 4) that's a combo of the two

LT 09/17/20

# Student Community OutReach and Physician Support (S-CORPS): Educating Medical Students and Enhancing Patient Support During the COVID-19 Crisis

Lydia Tam<sup>\*1</sup>, Jonathan Lu<sup>\*1</sup>, Mike Dacre<sup>\*1</sup>, Olivia Jee<sup>1</sup>, Jordan Chavez<sup>2</sup>, Erika Schillinger<sup>1</sup>, Tamara Montacute<sup>1</sup>, Matthew Mesias<sup>1</sup>  
<sup>1</sup>Stanford University School of Medicine; <sup>2</sup>Stanford University Medical Center

## Purpose

COVID-19 has increased patient anxieties and the burden on physicians. Further, preclinical students are unable to continue their education in healthcare settings. To address these issues, we created a medical school elective course, **Student Community OutReach and Physician Support (S-CORPS)**. We assessed the feasibility of educating medical students through connection with patient experiences during shelter in place, while supporting faculty and vulnerable patients.

## Methods

- Preclinical students paired 1-on-1 with a physician preceptor in Primary Care
- Students perform weekly wellness checks via telehealth to PCP's panel of patients
- Students log calls and document in electronic medical records
- Weekly practical didactics and team-based debriefs held virtually (**Fig 1**)
- Didactic topics: telehealth how-to's, agenda setting, active listening, patient anxiety management, COVID19 basics, advanced care planning



**Fig 1.** S-CORPS didactics were conducted virtually in 2020 spring and summer quarters. 25 students logged 111 telephone and 50 video calls to patients.

- Student pre- and post- course surveys assessed professional satisfaction and confidence with telemedicine delivery
- Pre- and post-course surveys administered to physicians assessed impact to workload and benefit to patients

## Results

100% of students agreed that **"I am providing value to the healthcare team"**. 87.5% agreed that **"I have the tools to support vulnerable populations in this crisis"**  
 100% of physicians felt S-CORPS **"benefited patients"** and **"provided an authentic experience for my student"**

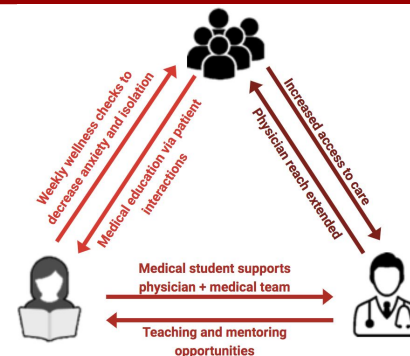
## Patient comments:

*"It's difficult to talk about anxiety and mental health and I appreciate being able to do this with someone I trust."*

*"These calls help me feel listened to, connected, and less isolated"*

*"Thank you so much for your sessions with me. They were very helpful and supportive for me during these difficult times."*

## Conclusions



**Fig 2.** Programs such as S-CORPS (1) create authentic virtual learning experiences that leverage the talents of preclerkship medical students while adding value to the care of patients today; (2) extend physician reach and provide patients with better access to care; (3) reduce anxiety for vulnerable patients.

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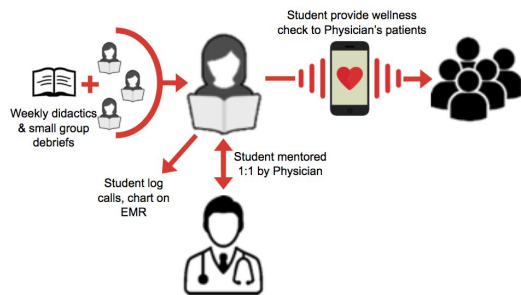
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## Methods

### Course Design:



Didactic topics included telehealth how-to's, agenda setting, active listening, patient anxiety management, COVID-19 basics, and advanced care planning. Pre- and post- course surveys assessed students for professional satisfaction and confidence with telemedicine delivery. Physicians were surveyed about the program's impact to workload and benefit to patients.

## Results

25 students logged 111 telephone and 50 video calls to patients in spring and summer 2020. Post course survey results showed:



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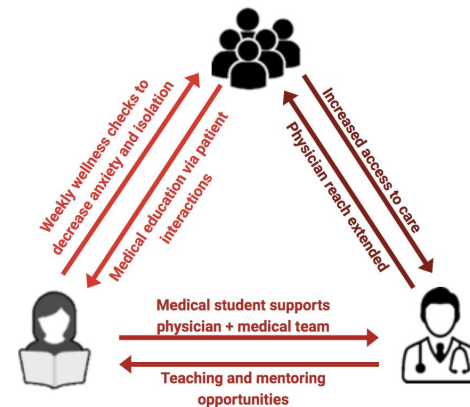
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## Results

25 students logged 111 telephone and 50 video calls to patients in spring and summer 2020. Post course survey results showed:



- ↑ Comfort with telehealth delivery
- ✓ Adding value to healthcare team



- ✓ S-CORPS benefits patients
- ↑ Early teaching opportunities to preclinical students



- ↓ Anxiety
- ↑ Communication with healthcare team

### Patient comments:

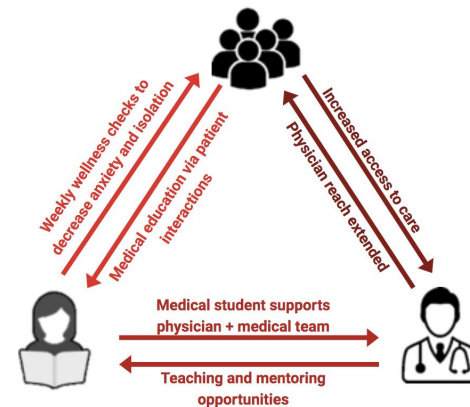
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## Purpose

COVID-19 increased patient anxieties and the burden on physicians, and it prevented preclinical students from continuing their education in healthcare settings.

To address these issues, we created a medical school elective course, **Student Community OutReach and Physician Support (S-CORPS)** with the aim of educating medical students while supporting faculty and vulnerable patients

## Methods

We designed the initial curriculum with input from primary care providers, educators, and medical students and then completed a trial with a subset of students and providers.

We adjusted the model and curriculum on the fly based on feedback and experience.

We used pre- and post- course surveys to assess student professional satisfaction and confidence with telemedicine delivery

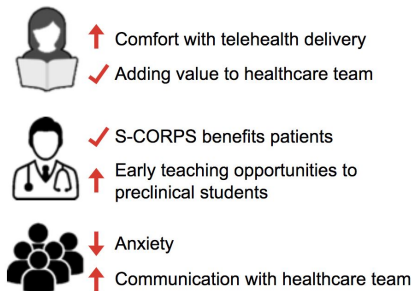
## Results

### Course Design

- Preclinical students are:
  - Paired with physician preceptor
  - Make weekly calls to PCP's patients
  - Log calls and document in EHR
- Weekly practical didactics and team-based debriefs held virtually

### Survey Results

25 students logged 111 telephone and 50 video calls to patients in spring and summer 2020. Post course survey results showed:



## Patient Comments

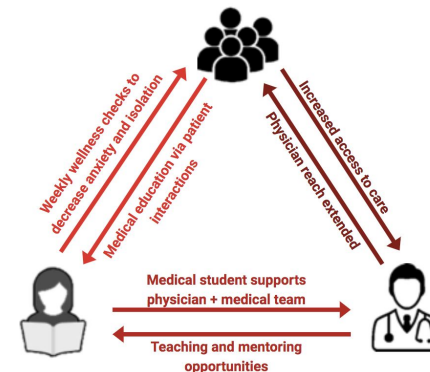
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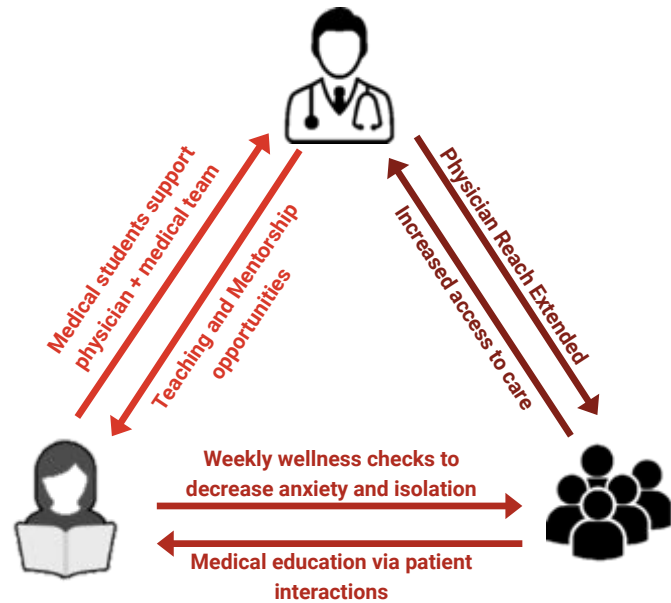
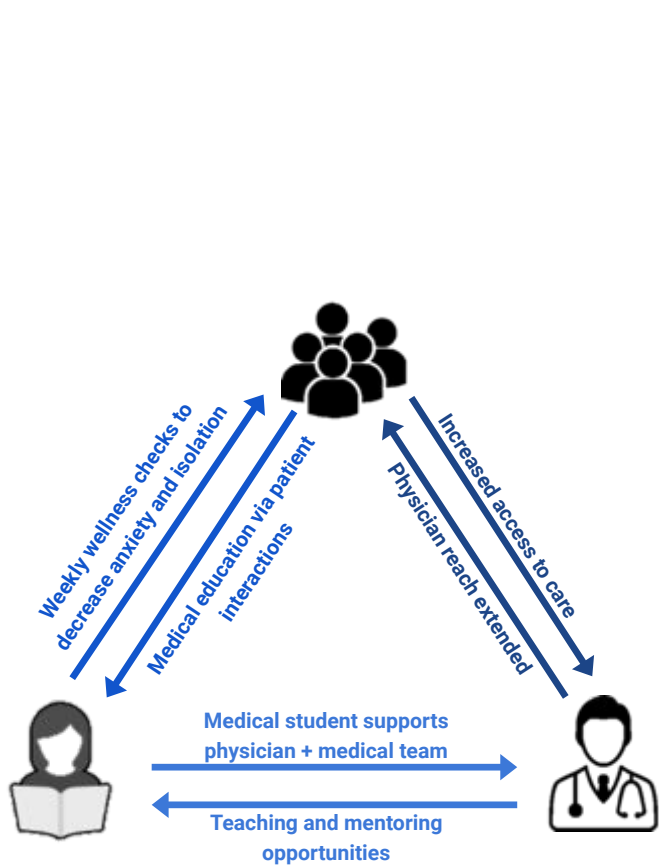
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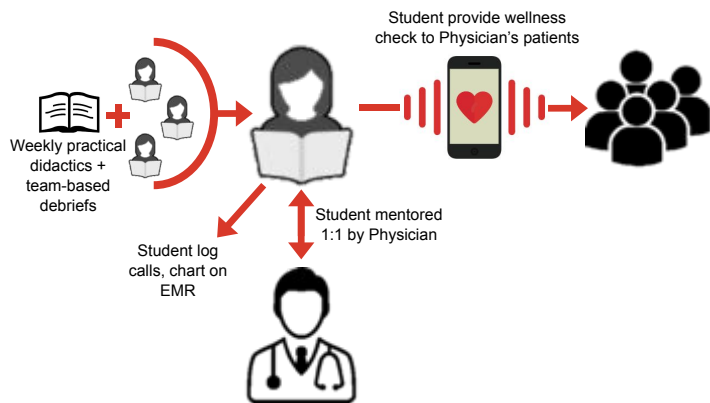
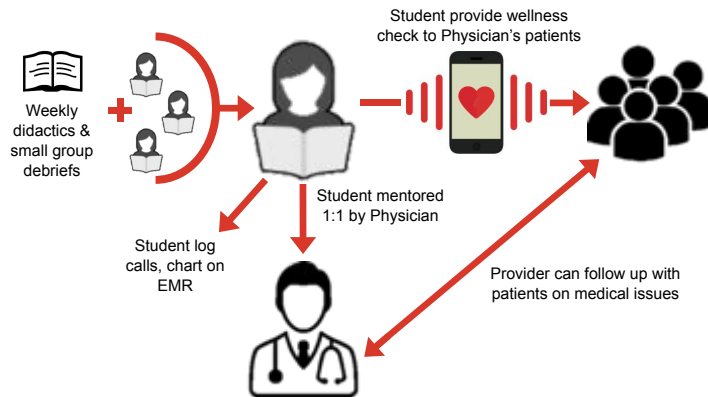
Programs such as S-CORPS can create valuable learning experiences that benefit all stakeholders.





# Another draft page: course design?

Another less cheesy (?)  
icon for "telemedicine"



Another draft page:

Results?



- ↑ Comfort with telehealth delivery
- ✓ Adding value to healthcare team



- ✓ S-CORPS benefits patients
- ↑ Early teaching opportunities to preclinical students



- ↓ Anxiety
- ↑ Communication with healthcare team



# logos

#1



#2



#3

