

## How to Integrate Virtual/Telemedicine into Clinical Activities for Fellows

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February 25, 2022

### Setting Up Telemedicine In your Clinic:

1) AMA Telehealth Implementation Playbook - <https://www.ama-assn.org/practice-management/digital/telehealth-implementation-playbook-overview>

128 page comprehensive step-by-step guide for implementing telemedicine in your clinic.

2) AMA Telehealth Quick Guide - <https://www.ama-assn.org/practice-management/digital/ama-telehealth-quick-guide>

3) AMA Telehealth Clinical Education Playbook - <https://cloud.e.ama-assn.org/21-10084-Telehealth-Clinical-Education>

3) ACAAI Telehealth Toolkit - <https://college.aaaai.org/toolkits/telehealth-toolkit-2/>

4) AAAAI Telemedicine Toolkit - <https://www.aaaai.org/Allergist-Resources/Telemedicine>

5) AAAAI Telehealth Resources - [https://education.aaaai.org/resources-for-a-i-clinicians/telemedicine\\_covid-19](https://education.aaaai.org/resources-for-a-i-clinicians/telemedicine_covid-19)

### Faculty Telemedicine Champion

1) Set Expectations – template email (example template email at the end)

2) Back-up method to communicate

3) Pre-clinic huddle

4) Plan WHEN you will teach:

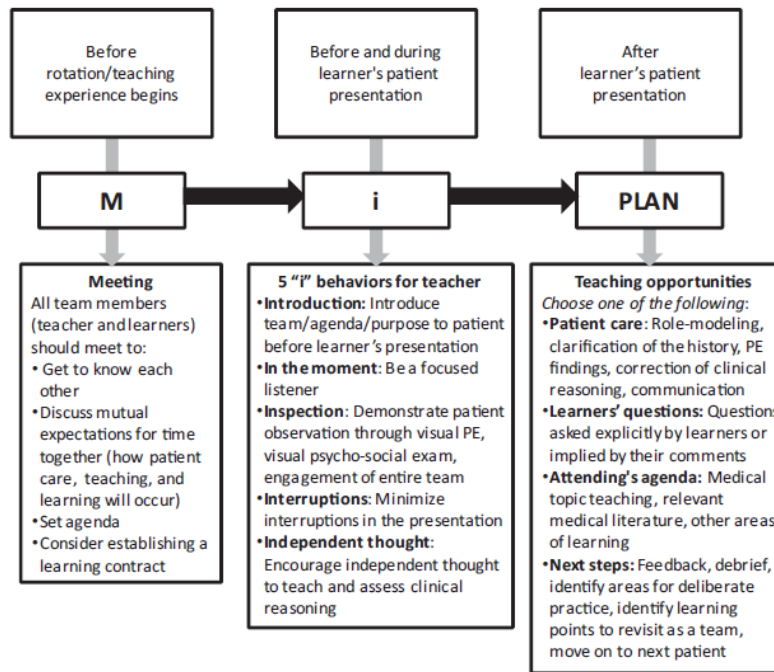
- Reading on topics ahead of the day

- Do mini “chalk-talks” during lunch break

- End of day recap with feedback

### Bedside Teaching Resources:

Stickrath C, Aagaard E, Anderson M. MiPLAN: a learner-centered model for bedside teaching in today's academic medical centers. Acad Med. 2013 Mar;88(3):322-7.



## AAMC Telehealth Competencies - <https://www.aamc.org/data-reports/report/telehealth-competencies>

Domain I: Patient Safety and Appropriate Use

Domain II: Access and Equity in Telehealth

Domain III: Communication via Telehealth

Domain IV: Data Collection and Assessment via Telehealth

Domain V: Technology for Telehealth

Domain VI: Ethical Practice and Legal Requirements for Telehealth

## Selected Reviews on Telemedicine in Allergy and Immunology

1) Elliott T, Yopes MC. Direct-to-Consumer Telemedicine. J Allergy Clin Immunol Pract. 2019 Nov-Dec;7(8):2546-2552.

2) Portnoy JM, Pandya A, Waller M, Elliott T. Telemedicine and emerging technologies for health care in allergy/immunology. J Allergy Clin Immunol. 2020 Feb;145(2):445-454

3) Alvarez-Perea A, Dimov V, Popescu FD, Zubeldia JM. The applications of eHealth technologies in the management of asthma and allergic diseases. Clin Transl Allergy. 2021 Sep 6;11(7):e12061.

## Disparities in Telehealth

American Telemedicine Association – A Framework for Eliminating Health Disparities Using Telehealth. Oct 26, 2021. <https://www.americantelemed.org/resources/a-framework-for-eliminating-health-disparities-using-telehealth/>

## Webside Manner

1) Elliott T, Matsui EC, Cahill A, Smith L, Leibner L. Conducting a Professional Telemedicine Visit Using High-Quality Webside Manner. Curr Allergy Asthma Rep. 2022 Jan 24:1–6.

2) Stanford's Tele-presence 5: <https://med.stanford.edu/presence/initiatives/stanford-presence-5/tele-presence-5.html>



## Wellness

Medscape Physician Burnout & Depression Report 2022: Stress, Anxiety, and Anger. Jan 21, 2022. <https://www.medscape.com/slideshow/2022-lifestyle-burnout-6014664>

### *Empathy through telemedicine:*

- 1) Andrienne Boissy. Health Care Technology & the Human Connection. AMA Telehealth Immersion Series Webinar. June 24, 2021. <https://www.ama-assn.org/practice-management/digital/adrienne-boissy-md-ma-health-care-technology-human-connection>
- 2) Sofija Volertas TEDx Talk. Telemedicine: The Modern Doctors' House Call. TEDx Greensboro Speaker. Greensboro, NC. Oct 7, 2021. <https://www.youtube.com/watch?v=Dm3Q5xu92cs>

### *Example Template Email*

#### **Logistics:**

1. The first patient is at 8:00am, plan on being ready at 7:45am and we will discuss any last minute questions and expectations, as well as run the patients for the day.
2. Your telemedicine clinic will be from home: please ensure you have good lighting/background, dress professionally, and a quiet space (headphones if needed).
3. Connect with me at 7:45am on my personal Webex room at <http://xxxxxxx.com>.
4. If any problems come up (such as internet connectivity issues), I always have my cell phone available: xxx-xxx-xxx.

#### **Clinic Flow:**

1. When the patient "arrives", I will introduce myself to the patient, and introduce you. I will then ask 3 main housekeeping questions (confirm name/DOB, confirm in the state of NC, and consent for the visit). After this, I will mute and turn off my video, and expect you to go through the history and physical. I will be present at the computer, so when you are done, say something like "I will try to get Dr. xxx back on the video here" and I will unmute and turn on my video.
2. We will go over the history and your assessment/plan in-front of the patient. Please try to have a plan and some rationale as to why (even if it is wrong!). We will let the patient know you are in training, so don't worry about being wrong. Ask me for my rationale on decisions if I do not make it obvious.

#### **Expectations:**

1. Notes should be done within 48 hours. Use my note template ".NoteNew" and dot phrase for telemedicine physical exam ".tmpe". You should also be sure to use the dot phrase ".videovisitdisclaim" that is used to document consent and legal aspects of telemedicine visits.

#### **Teaching:**

1. I understand telemedicine is new for all of us! Even though we lose some of the natural teaching between patients, I will use any leftover time before the next patient to recap important points.
2. We will run the list in the morning before the first patient, and there will be time for questions then.
3. I will do a quick (~20min) end of the day recap to summarize any major learning points. I will give you feedback at that time, and I hope that you will give me any feedback you have for making the clinic day run more smoothly or effectively for your learning.