Virtual International Medicine

Dr. Ray Fagenbaum
Agenda

• Past International Medicine Course offerings and the transition to Virtual
• Course Activities Overview
• Learning Goals
• Example Daily Schedule
• Professionalism and Ethics
• Required Equipment
• Questions
  – At the end or anytime during presentation
Dr. Fagenbaum’s previous Study Abroad Experiences

• Winter 2019-2020
  – International Medicine: Dominican Republic
  – Various hospitals and clinics in southern DR
• Winter 2018-2019
  – India Winterim; Diagnosing Diseases: Patient History and Physical Examination
  – Madurai, Tamil Nadu, India
  – Meenakshi Mission Hospital and Research Centre
    • Various clinics within this 1 hospital
    • Clinics in and around this hospital will be used in the upcoming Virtual International Medicine course
• Clinics
  – Accidental/Emergency
  – Urology
  – CTS
  – Cath lab
  – Dental surgery
  – Paediatric, Paediatric ICU
  – Surgical oncology
  – Neuro surgery
  – Gynecology
  – Cleft lip / palate
  – General Surgery
  – others?
Taking a Patient History

- Left - outside of outreach clinic
- Above - inside clinic, taking patient history (in-person).
- We will take patient history **Virtually**
Practice for Patient History
Software: Shadow Health

- shadowhealth.com
- https://youtu.be/Rr8CyBXbm20
- Life-time subscription to software included in course fee
Surgery

• Observe Virtually

• 2 former students ready to go into OR at MMHRC
  – Anything unique/surprising with attire?
Learning about India’s HealthCare System and specifics at MMHRC
Learning Goals

• Gain practical experience interacting with patients
• Observe medicine in a different cultural perspective.
A Typical Day (generalized estimate)

- On India Time- approximately 12 hours off from Iowa
  - 7:00 PM: meet online with Dr. F. and classmates
    - Discuss previous day’s experiences, concerns, etc.
  - 9:00 PM: go to clinics virtually to observe/take patient history (groups of ~ 3)
  - Midnight: some students may finish observations for the day now
  - 1:00 AM: potentially more opportunities for observation
  - ??:?? AM: End of observations for the day
    - Somewhat will be up to you decide the end of the day based on what opportunities are available and what you want to get out of it
- Your **Flexibility** and **Adaptability** with schedule are key
Attire in Virtual Setting

• Must be professional!
• Formal attire required
  – Even though late at night Iowa Time
  – Even though it is a virtual setting
• Everything captured by your webcam during clinic interactions should be professional in appearance.
Ethics

• Most of you are currently unlicensed pre-professional.
• Just as it is unethical for you to practice direct patient care within the United States, it is equally so in any country you are visiting.
• Recordings of all kinds are prohibited with penalty including but not limited to dismissal from class.
• Patient Privacy still important even when patient is half a world away.
• Consider taking the online workshop at: https://www.healthcareers.umn.edu/courses-and-events/online-workshops/global-ambassadors-patient-safety
Equipment

• No medical equipment needed.
• Computer and Internet with appropriate capabilities for reliable Video Chat (i.e. Zoom)
• Professional attire and environment
  – Anything in view of your webcam
  – Consider wearing a lab coat
# Grading

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<th>8 quizzes each worth 2.5 points</th>
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<tr>
<td>Points</td>
<td>Practice Patient History (as patient)</td>
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Questions