Opportunities and Plans for Virtual Learning and Exchange: Telemedicine and Webinars

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Types of Conferences/Projects the E-Health Center Supports
- RadOnc Head and Neck Tumor Boards
- Pancreatic Cancer Tumor Boards
- Thoracic Cancer Tumor Boards
- RadOnc Grand Rounds
- Peds Surgery and Cardiology Patient Mgmt Conferences
- Leadership Conferences
- Neonatology Remote Patient Evaluation
- Epilepsy Patient Teleconsultations
- Many More …
E-Health Dashboard To Track Conferences & Projects

Clinical Telemedicine Consultation Process

Example: “Go Operational” Details

Some Current/Potential Projects

• Teledermatology with Dr. T

• Remote Ventilation Management

• Ebola & Telemedicine – Minimize Contact/Maximize Patient Care
Leveraging the Patient Owned “Infrastructure”

Some patients may not have indoor plumbing BUT they Do have a smartphone!

Teledermatology Collaboration

- Dr. Trilokraj Tejasvi (Dr. T)
  (Regrets he couldn’t be with you this afternoon ... But is interested in dermatology collaboration with you)

His primary research interests and areas of potential collaboration:

- Translational genetics
- Psoriasis epigenetics
- Pharmacogenetics – predicting therapy response based on genetics
- Cancer biology
- Aging

Collaboration: Residents meet 8-9am each morning, care to join?
Clinical Journal Club. To contact Dr. T: tejasvi@med.umich.edu
(734) 647-8070 (office)

Remote Ventilator Management

9 Ventilator Modes

Adult Assisted Ventilation Clinic
Providing Remote Care to Ventilation Patients to Avoid:
- Unnecessary Trips to the ED
- Excessive / Unwarranted Treatment

36 Variable Parameters

Many Screens To Navigate

Telemedicine – Infectious Diseases (Ebola)
Minimize Contact / Maximize Care

Whether 3 Meters or 100s of Kilometers Separate You From the Patient, Telemedicine Can Play a Role.
Consider epidemics, natural and man-made disasters, reaching isolated patient populations, and many other scenarios.

Thank You!