Telehealth Simulation Exemplar: Diabetes

Scenario: You are an APRN at a health clinic with telehealth capability that has been contacted by a student for follow-up of problem with blood glucose regulation seen in ED 2

Telehealth Exemplar - Diabetes

Planning Checklist

You must initiate a telehealth visit, set the stage for the visit, determine appropriateness of visits, outline a plan and timeline for the visit, address safety and emergency management, and assure privacy and security.

Complete a pertinent history for a patient with diabetes using appropriate telehealth etiquette, communication skills, and equipment.

Guide patient or presenter to perform a telehealth diabetes-focused physical exam with(out) peripherals from spoke site.

Diagnosis:

Type 1 Diabetes mellitus without complications

- Coordinates diabetes plan
- Mental health/patient education hand-off if needed
- Equipment for RPM
- Bill & code telehealth visit
- Schedules follow-Up

Telehealth Requirements:

- Computer, iPad, Smartphone
- Videoconferencing platform
- Blood glucose monitor and records (written, meter download, RPM)
- Store and forward data (i.e., glucose monitoring records, meter download, patient provided records).
- Distant site for provider staged like a college health clinic and distant site for standardized patient staged like a college residence
- Phone for SP and provider in case of video conferencing failure or to collaborate with another provider.
- SP requires phone in event this is utilized in physical exam.

Possible Telehealth Peripherals:

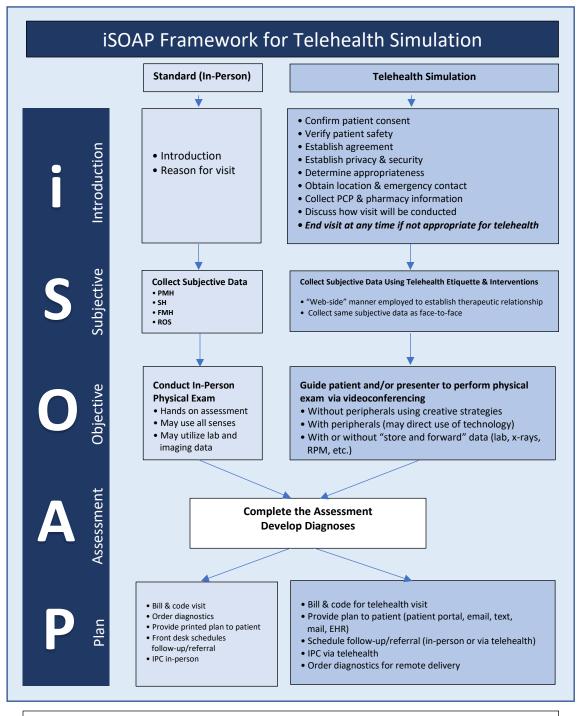
- Electronic blood pressure cuff
- Stethoscope
- Otoscope
- Camera

(E10.9)

Plan using Telehealth

- RPM using Continuous Glucose Monitoring System (CGMS)
- Secure e-mail

Abbreviations: APRN = advanced practice registered nurse; RPM = remote patient monitoring; SP = standardized patient



Abbreviations: PCP = primary care provider; PMH = past medical history; SH = social history; FMH = family medical history; ROS = review of systems; CGMS = continue glucose monitor system; RPM = remote patient monitoring; IPC = Interprofessional Collaboration