

Assessment 04 – Remote Collaboration and Evidence-Based Care

Create a 5-10 minute video of yourself, as a presenter, in which you will propose an evidence-based plan to improve the outcomes the patient in the provided case study below, and examine how remote collaboration provided benefits or challenges to designing and delivering the care.

Before you complete the instructions detailed in the courseroom, first review the case study below.

INTRODUCTION

Chronic obstructive pulmonary disease (COPD) is a common lung disease that causes restricted airflow and breathing problems. Providing evidence-based care for COPD can be challenging, especially when care is being provided remotely. In this case study, we will observe how healthcare professionals collaborate remotely and virtually to provide care for a patient with COPD.

PATIENT INFORMATION

The patient is a 70-year-old male diagnosed with COPD. He lives in a rural area and has limited access to specialized pulmonary care. The patient experiences symptoms such as chronic cough, shortness of breath, and frequent respiratory infections.

COLLABORATION PROCESS

The patient's primary care nurse, Sarah, collaborates remotely with a team of healthcare professionals, including a pulmonologist, a respiratory therapist, and a pharmacist, to provide evidence-based care for COPD.

- **Sarah:** "Good morning, everyone. Thank you for joining this virtual meeting to discuss the care of our patient with COPD. Based on the patient's symptoms and medical history, I believe he would benefit from a comprehensive treatment plan. I would like to hear your input and recommendations."
- **Pulmonologist:** "Thank you, Sarah. I have reviewed the patient's medical records and pulmonary function test results. I agree that the patient has COPD and requires a comprehensive treatment plan. I recommend initiating bronchodilator therapy, including long-acting beta-agonists and inhaled corticosteroids, to improve his lung function and reduce symptoms."
- **Respiratory Therapist:** "I have been conducting remote pulmonary rehabilitation sessions with the patient to improve his exercise capacity and quality of life. These

sessions include breathing exercises, physical activity guidance, and education on managing exacerbations. I have noticed significant improvements in the patient's exercise tolerance and breathlessness."

- **Pharmacist:** "I have reviewed the patient's medication list and potential drug interactions. It is crucial to ensure that the patient understands the proper use of inhalers and medications, as well as the importance of adherence. I recommend providing education and counseling to the patient and his family on the correct inhaler technique and potential side effects."
- **Sarah:** "Thank you all for your valuable input. I will incorporate your recommendations into the patient's treatment plan. Let's schedule regular virtual follow-up visits to monitor his progress, adjust medications if necessary, and provide ongoing support."

Consider additional consultations that might be necessary as you develop your plan of care for this patient.