# **CoPD: respiratory pathophysiology /30 points**

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| **Manager** |  | **Presenter** |  |
| **Recorder** |  | **Reflector(s)** |  |

Asthma Emphysema Chronic bronchitis

* Your group must create a fictional case study of a call for a patient with the above diagnosis.
* Please ***stick to a typical patient profile*** to help you get a grasp on the clinical presentation and underlying pathophysiology of these respiratory pathologies.
* You will present the case by completing two documents:

1. Pathophysiology Worksheet:
   1. The questions and case information table about the patient and their disease.
   2. Please use biology words here, describing the condition of the patient, their clinical manifestations that you would expect the paramedic attending the call to notice about the patient.
   3. You can add to the patient history, medications, allergies, other diagnoses, but please remember that you are trying to create a case study of a patient that another student would be able to diagnose and the **focus should be on how the pathophysiology influences the clinical presentation**.
   4. The details should fit a typical patient profile for this disease - you may base your fictional patient’s profile on someone you know who is a similar age or one of your patients from stage.
2. Patient Care Report
   1. Use proper documentation standards, units and terminology referring to your Paramedic Care Program-Specific Documentation (example: Patient Care Reporting Guide (Cawston A, 2022))
   2. The PCR needs to match with the case study of the patient that you have created; use the information you placed in the worksheet table to complete the PCR – another student should be able to reasonably re-create the patient case from reading the PCR.
   3. Ignore any boxes on the PCR that are crossed out with an **X**.

# **Pathophysiology Worksheet:**

1. Describe the pathogenesis occurring in the lungs that lead to the development and progression of this condition (5 points):
2. Explain any risk factors **specific** for this disease (3 points):
3. Explain how air trapping occurs in this disease and the effect it has on the clinical manifestations of the patient (3 points)

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| **Patient Name:** |  |
| **Chief Complaint:**  **/2** |  |
| **Patient Details**  (sex, age etc):  **/1** |  |
| **Patient History:**  **/3** |  |
| **Clinical Manifestations:** List and explain WHY they are present  **/10** |  |
| **Vital Signs and Required Interventions:**  **/3** |  |
| **Patient Diagnosis:** | Asthma Emphysema Chronic Bronchitis |