

Potential Action Medical Case Study

Take notes on the case study at the beginning and end of the Pacemaker Action Potential video. Complete the information in the fields below this will be use in class.

Objectives

List and describe the key objectives of this case study:

Objective 1: _____

Objective 2: _____

Objective 3: _____

Patient Information Table

Attribute	Details
Age	
Gender	
What are the complications?	
Vitals	
BP	
Temperature	
Oxygen Saturation	
Respiratory Rate	
Heart Rate	
EKG Reading	
What do you identify	
How do you manage these symptoms	

Clinical History:

Write the clinical history of the patient below:

Case Summary:

Write the case summary below:

Based on the information in this video. In your own words, what is happening with this patients cardiac action potential and the cells they arise from?

Can you draw out and explain the phases of the nonpacemaker and pacemaker cardiac action potentials and explain the importance of the action potential refractory periods?
