

Case Studies

As well as successfully completing the clinical British Heart Rhythm Society (BHRS) paper students are expected to submit two written pieces of work in order to gain BHRS certification.

The student is required to submit two 2,500 word case studies which are based upon two different aspects of arrhythmia management. The case studies should incorporate all aspects of the patient journey and students will be expected to demonstrate advanced knowledge and skills in assessment, investigation, management and holistic care of patients with arrhythmias / at risk of developing arrhythmias. Case studies should be focussed on patients requiring:

- Implantable cardiac devices or
- Electrophysiology procedures or
- Pharmacological management

Each case study should be based on a different patient and a different aspect of arrhythmia management. For example: case study one could focus on a patient requiring an electrophysiology procedure and case study two could focus on a patient who is managed with pharmacological treatment.

Within the case studies the student should:

- Demonstrate accurate interpretation of pathophysiology, relating to the element of arrhythmia management chosen. This must be provided throughout.
- Demonstrate the ability to integrate and synthesise diverse knowledge of arrhythmia management and evidence and apply this within the case studies.
- Demonstrate a comprehensive and critical understanding of the legal, ethical and professional issues and integrate into discussion.
- Provide discussion demonstrating a systematic and critical understanding of treatment options based upon current best evidence / national guidance and policy (this can include both pharmacological and non-pharmacological therapies).
- Adhere to the formatting guidelines provided.
- Adhere to the specified guidelines for presentation and referencing.
- Adhere to policy for confidentiality and consent

Learning Outcomes

1. Demonstrate a systematic and critical understanding of arrhythmia management.

2. Demonstrate a systematic and critical understanding of anatomy, physiology and altered pathophysiology relating to arrhythmias.
3. Demonstrate a comprehensive and critical understanding of normal and altered cardiac electrophysiology.
4. Demonstrate a comprehensive systematic and critical understanding of implantable device technologies / electrophysiology procedures / pharmacology (dependent on focus of case study).
5. Demonstrate a systematic and critical understanding of the role of the multidisciplinary team in the management of the patient.
6. Integrate and synthesise diverse knowledge in relation to patient assessment and history-taking in the patient presenting with an arrhythmia.
7. Integrate and synthesise comprehensive knowledge of arrhythmia management relating to diverse patient groups, including genetic abnormalities.