ANALYSIS AND INTERPRETATION OF ROUTINE AMBULATORY ELECTROCARDIOGRAPHY RECORDING

AIM

The aim of this assessment is to ensure that the student develops his/her skills with respect to patient-centred care, performing ambulatory electrocardiography (ECG) monitoring. During this period of work based training students will apply their learning from the academic modules undertaken throughout their two years of training.

SCOPE

On completion of this placement the student will be able to competently perform and ambulatory ECG monitoring. He/she will be expected to build his/her professional practice and practise safely in the work place. Students will be expected to use critical reflection to review and improve their performance in the work place and develop skills to promote continuous personal development.

Learning outcomes

On successful completion of this module the student will:

1. Understand his/her own level of competence, authority and knowledge base.
2. Explain his/her role and responsibilities.
3. Understand the principles of the anatomy and physiology of the cardiovascular system.
4. Understand the principles and application of ambulatory monitoring.
5. Analyse and interpret routine ambulatory ECG recording (excluding pacing, congenital disease and paediatrics).
6. Adhere to appropriate standards of professional practice as defined in Good Scientific Practice.

Clinical experiential learning

- Critically apply the scientific principles covered in the academic modules to this work-based specialist skill and specifically appraise the evidence base underpinning the use of ambulatory ECG monitoring.
- Attend outpatient clinics where patients with suspected cardiac arrhythmias are referred and discuss with the practice educator the diagnostic pathways linked to the use of ambulatory ECG monitoring.

All of these experiences should be recorded in your portfolio. Evidence must include a variety of patients including inpatients, outpatients, geriatric, medical, surgical and technically challenging patients. Please ensure the report contains all appropriate traces to support the analysis.
ASSESSMENT PLAN OF ANALYSIS AND INTERPRETATION OF ROUTINE AMBULATORY ELECTROCARDIOGRAPHY RECORDING

To be completed by the word-based assessor prior to the assessment. Student to agree and countersign.

<table>
<thead>
<tr>
<th>Key points and instructions</th>
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WBA signature: ..................................................  Student signature: ..................................................

Date of assessment: ..............................................
### PERFORMANCE CRITERIA OF ANALYSIS AND INTERPRETATION OF ROUTINE AMBULATORY ELECTROCARDIOGRAPHY RECORDING

<table>
<thead>
<tr>
<th>PC</th>
<th>Task</th>
<th>Y/N</th>
<th>Assessor’s comments</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Operate a playback/analyser system.</td>
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<tr>
<td>2</td>
<td>Check automated evaluations for accuracy and use to inform the final interpretation.</td>
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<td>3</td>
<td>Recognise, analyse and interpret the ECG features seen during playback.</td>
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<td>4</td>
<td>Correlate patient symptoms with ECG findings.</td>
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<td>5</td>
<td>Review the entire recording.</td>
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<td>6</td>
<td>Select ECG tracings sufficient to illustrate and support the final evaluation.</td>
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<td>7</td>
<td>Produce a factual report reviewing with senior staff when appropriate.</td>
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WBA signature: ..................................................  Student signature: ..........................................................

Date of assessment: .............................................
<table>
<thead>
<tr>
<th>Questions</th>
<th>Answers</th>
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WBA signature: ........................................ Student signature: ........................................

Date of assessment: ........................................
ASSESSMENT FEEDBACK ON STUDENT’S PERFORMANCE OF ANALYSIS AND INTERPRETATION OF ROUTINE AMBULARATORY ELECTROCARDIOGRAPHY RECORDING

Provide a description of the clinical scenario and feedback (to be completed by the WBA).

______________________________________________________________

WBA signature: ...........................................................................
Student signature: ....................................................................

Date of assessment: ................................................................. Please circle: Pass / Fail