

Station Number

AFFIX CANDIDATE
LABEL HERE

CANDIDATE No:.....

Instructions for Candidates

Instructions

Demonstrate, on the mannequin, ECT electrode placement for the following positions:

1. Bilateral
2. Unilateral
3. Bifrontal
4. Bitemporal

Explain to the examiner the landmarks and site of the electrodes for each placement in turn.

**PLEASE REMEMBER TO HAND YOUR IDENTITY LABEL TO THE
EXAMINER**

Station Number

AFFIX CANDIDATE
LABEL HERE

Practical Skills: ECT Electrode Placement

CANDIDATE No:.....

Instructions for Patients

THIS IS A 'STATIC' STATION – CANDIDATES ARE REQUIRED

DEMONSTRATE A SKILL TO THE EXAMINER.

NO PATIENT IS REQUIRED FOR THIS STATION.

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Practical Skills: ECT Electrode Placement

CANDIDATE No:.....

Instructions for Examiners

REMEMBER TO ASK THE STUDENT FOR THEIR IDENTITY LABEL AND AFFIX IT TO THE TOP OF THE MARK SHEET.

This station tests the candidate's knowledge and competence in the application of ECT electrodes for the positions currently in use.

The candidate has been asked to:

1. demonstrate the position
2. identify (to you) the landmarks
3. describe clearly the exact position of the electrodes

The landmarks (*italicised*), and position, are as follows:

1. **Bilateral** = 4cm above the midpoint of the line between the *external auditory meatus*, and the *lateral angle of the eye*
2. **Unilateral** = First electrode is placed on the non-dominant side, 4cm above the midpoint between the *external angle of the eye* and the *external auditory meatus*. Second electrode is placed 10cm above the first, vertically above the meatus on the same side.
3. **Bifrontal** = 5cm above the *external angle of the eye* on both sides.
4. **Bitemporal** = Both electrodes are placed as close to each other as possible 4cm above the midpoint of the line between the *external auditory meatus*, and the *lateral angle of the eye*

Towards the end of the task, you should ask the candidate:

1. *Which position is most likely to result in cognitive side effects?*
2. *Which position is most commonly associated with a more rapid response?*
3. *How would you determine, without special testing, which is the dominant hemisphere?*

Station Number

Examiner's Name:

.....

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Marking Sheet

Please circle the appropriate mark for each criterion. The standard expected is that of a psychiatric Senior House Officer.

Criterion	Performed competently	Performed, but not fully competent	Not performed							
Approach to the task – Rapport and empathy (where relevant), and style; responds appropriately to simulated patient or model	2	1	0							
Bilateral Placement (one point for each, up to a maximum of 3):										
• Landmarks:										
• external auditory meatus	1	½	0							
• lateral angle of the eye	1	½	0							
• Position	1	½	0							
Unilateral Placement (one point for each, up to a maximum of 3):										
• Landmarks:										
• external auditory meatus	1	½	0							
• lateral angle of the eye	1	½	0							
• Position	1	½	0							
Bifrontal (one point for each, up to a maximum of 2):										
• Landmarks:										
• lateral angle of the eye	1	½	0							
• Position	1	½	0							
Bitemporal (one point for each, up to a maximum of 2):										
• Landmarks:										
• external auditory meatus	1	½	0							
• lateral angle of the eye	1	½	0							
• Position	1	½	0							
Questions:										
1. Bilateral placement most likely to result in cognitive side effects	1	½	0							
2. Bilateral placement most commonly associate with rapidity of onset of benefit	1	½	0							
3. Dominant hemisphere tested by (one point for each, maximum 2):										
a. which hand they use to catch and throw	1	½	0							
b. which foot they kick with	1	½	0							
c. which hand they write with	1	½	0							
Overall Approach to Task	4	3	2	1	0					
Score (Max 20)	<table border="1" style="width: 100%; height: 30px; border-collapse: collapse;"> <tr> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> </tr> </table>									
Overall Grading of station	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">Clear Pass</td> <td style="width: 33%; text-align: center;">Borderline</td> <td style="width: 33%; text-align: center;">Clear Fail</td> </tr> </table>					Clear Pass	Borderline	Clear Fail		
Clear Pass	Borderline	Clear Fail								

Station Number

Practical Skills: ECT Electrode Placement

Requirements for this station

The following should be made available for this station:

1. ECT electrodes (machine **not** required)
2. CPR mannequin, or head