

Template for evaluating dexterity in non-surgical periodontal, prophylactic, and cosmetic phantom head laboratory instrumentation

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ABSTRACT

The assessment of non-surgical periodontal, prophylactic, and cosmetic instrumentation in the laboratory requires an objective evaluation machinery to elicit the right feedback. We have developed this template with the hope that dental phantom head laboratory training instructors would adopt it to give their students fair and equitable feedback to laboratory instrumentation.

Keywords:

Phantom head simulation assessment, non-surgical instrumentation assessment, periodontal instrumentation assessment, prophylactic instrumentation assessment, cosmetic instrumentation assessment

INTRODUCTION

The assessment of non-surgical periodontal, prophylactic, and cosmetic instrumentation in the laboratory requires an objective evaluation machinery to elicit the right feedback.

We suggest that laboratory instructors/lecturers use the following template to evaluate students in an examination situation. This template proffers objectivity and equity in the measurement of the skills that are acquired from phantom head simulation practical instruction sessions each semester/term.

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THE TEMPLATE**PHANTOM HEAD EXAMINATION SCORE SHEET A**

S/N	STUDENT NUMBER	WORK SCHEDULE (WORK TO BE DONE IN THE ORAL CAVITY)	WORKSTATION PREPARATION, STUDENT APPEARANCE & COMPORTMENT (10 MARKS)	PATIENT PRESENTATION & OPERATOR POSITIONING (5 MARKS)	ADHERENCE TO UNIVERSAL PRECAUTIONS (5 MARKS)

PHANTOM HEAD EXAMINATION SCORE SHEET B

APPLICATION OF INSTRUMENTS (60 MARKS)						
CHOICE & GRASP OF INSTRUMENTS (10 MARKS)		FULCRUM -FINGER REST- (10 MARKS)	INSTRUMENT ACTIVATION (20 MARKS)		FINISHING & TIME MANAGEMENT (20 MARKS)	
SELECTION (5 MARKS)	GRASP (5 MARKS)		ADAPTATION & ANGULATION (10 MARKS)	STROKES & MOVEMENT (10 MARKS)	SPEED (10 MARKS)	FINISHING (10 MARKS)

PHANTOM HEAD EXAMINATION SCORE SHEET C

RELEVANT QUESTIONS (instrumentation) (10 MARKS)	CLERKING & LABORATORY REPORTS (10 MARKS)	FINAL GRADE (100 MARKS)

CONCLUSION

While preparing the score sheet, the three sections of the sheet must be merged, in the order that they are laid out here (A, B and C), to give a single uniform score sheet to use. If dexterities in other procedures, like restoration or conservation, are to be tested, instructors/lecturers may wish to adapt the score sheet to the practical requirements of the procedure to be tested.

REFERENCES

Adamu, V. E, & Enejo, N. I. F. (2013). *A practical textbook of clinical instrumentation in non-surgical therapeutic & hygiene dental practise* (pg 11-13). De-Joe Press