

# **GUIDE LINES FOR INFECTION CONTROL**

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# INTRODUCTION

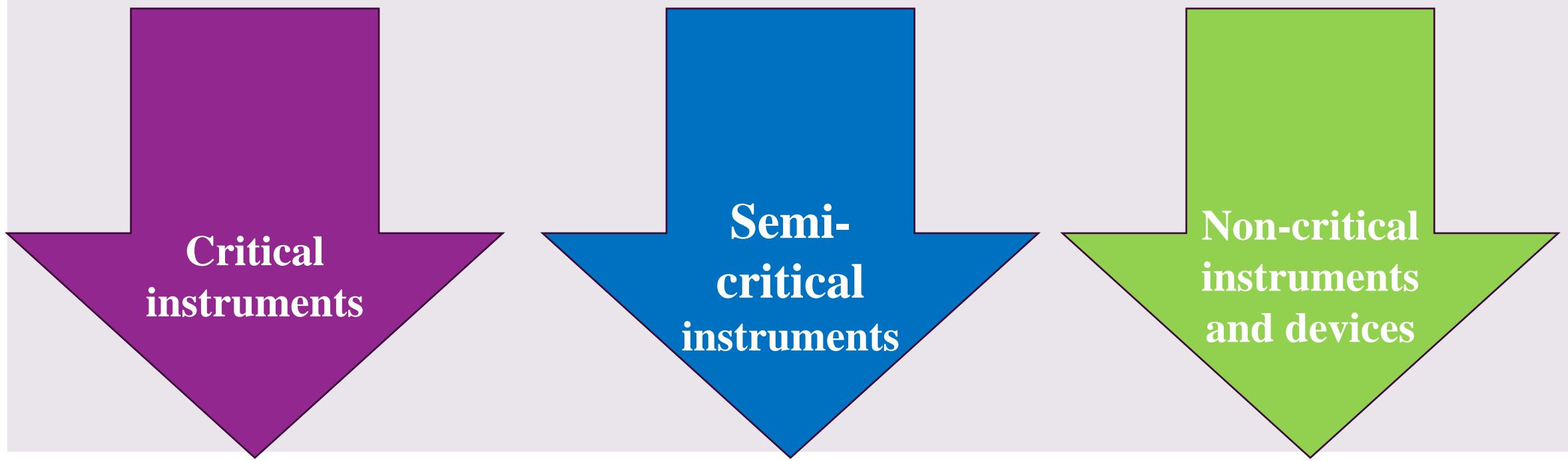
Infection control is crucial for providing safe and effective dental care. The College of Dentistry at the University of Baghdad is dedicated to maintaining the highest standards of infection control to protect patients, healthcare workers, and the community from infectious diseases. The infection control guidelines outline detailed protocols and procedures to effectively prevent and control infections in our dental surgery environments, ensuring a safe working environment for all.

# OBJECTIVES

- Establish effective systems for infection prevention.
- Delineate the responsibilities of oral health care workers (OHCWs).
- Outline necessary systems and protocols to safeguard the health and safety of all individuals in our dental facilities.

# Instrument Classification

Correct classifying and handling of dental instruments is essential for effective sterilization. Instruments are categorized based on their risk of transmitting infections:



Critical instruments

Semi-critical instruments

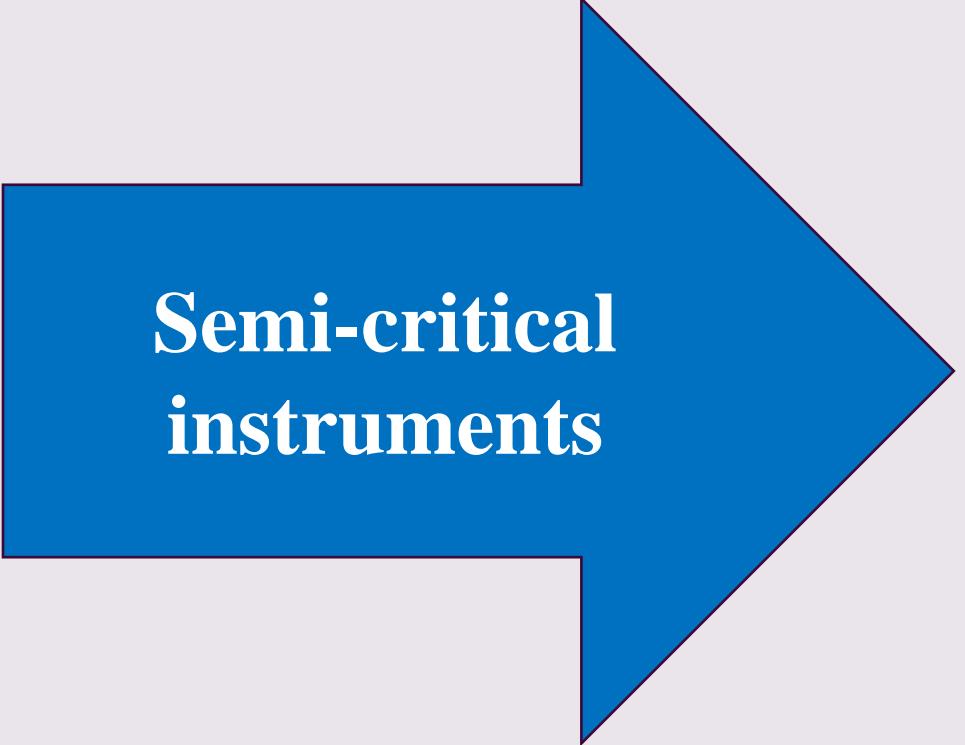
Non-critical instruments and devices

# Instrument Classification

## Critical instruments

Critical instruments are surgical and other devices that penetrate soft tissue or bone, enter or contact the bloodstream

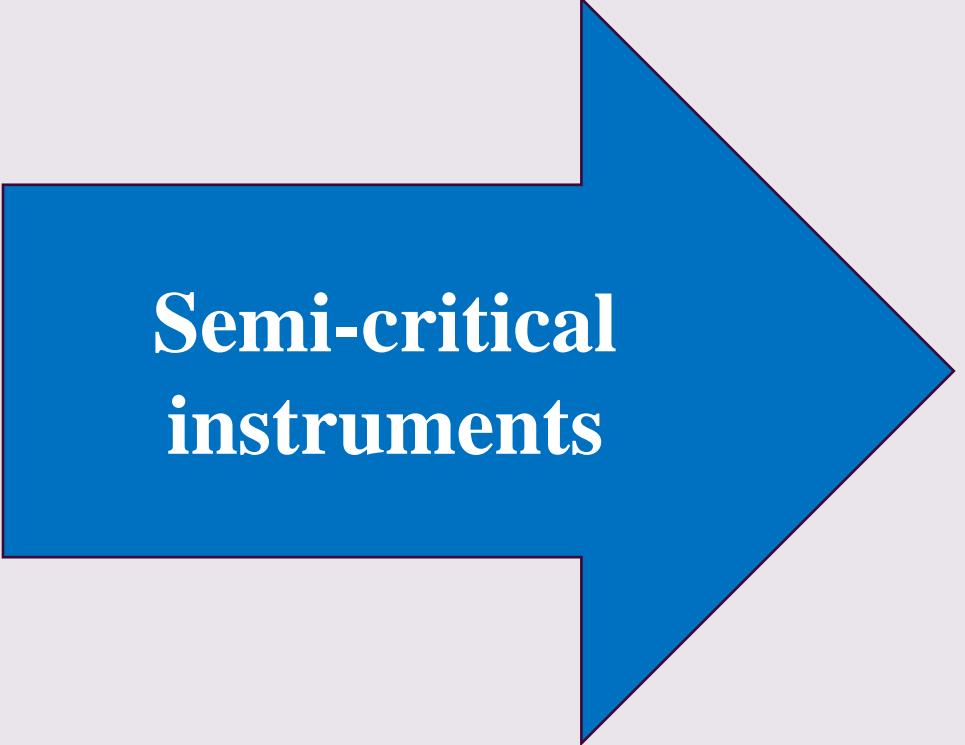
# Instrument Classification



## Semi-critical instruments

Semi-critical instruments that come into contact with oral mucous tissue or damaged skin without piercing soft tissue or bone. These tools must undergo heat sterilization. If heat sterilization is not possible, it is necessary to provide them with a highly adequate level of disinfection.

# Instrument Classification



## Semi-critical instruments

After each patient, it is necessary to heat sterilize dental handpieces and their accompanying attachments, such as low-speed motors. High-level or surface disinfection is not sufficient. Despite being classified as semicritical, researches has indicated that the internal surfaces of these devices can become contaminated with patient secretions while in use.

# Instrument Classification

## Semi-critical instruments

Digital radiography sensors are classified as semi-critical and should be shielded with a barrier that has been approved by the Food and Drug Administration (FDA) to minimize contamination during usage. After each use, the sensors should be cleaned and sterilized with high-level or medium-level (i.e., tuberculocidal claim) disinfection before being used on another patient.

# Instrument Classification

## Non-critical instruments

Non-critical instruments and devices are those that only come into touch with intact skin.

The recommended procedure for handling them is as follows: If an object is free from visible contamination - cleaning and disinfection using a mild disinfectant. If an object is visibly polluted with blood, it should be cleaned and disinfected with an intermediate level disinfectant.

# TABLE OF CONTENT

These guidelines cover various aspects of infection control, including These guidelines cover various aspects of infection control;

**The use of personal protective equipment, hand hygiene, sterilization of instruments,**

**Environmental infection control,**

**and waste management.**

*Department Name, College of Dentistry/ University of Baghdad*

*Undergraduate / Postgraduate clinic*

*Infection Control assessment*

Value of infection control assessment =20% of total case score.

Value of Domain A=100%, B=75%, C=50%, D<50%.

- A. Student wear gloves, mask, and safety glasses or face shield (during procedures likely to generate splashes of body fluids or sprays of blood), White coat or gown with his/her badge. Surfaces are covered with a barrier when practical and are cleaned with an approved disinfectant between patients and after finishing. All the instruments must be sterilized, and the dental chair is prepared well; later, the chair and instruments are cleaned, and the instruments should be returned to the sterilization unit. Behave professionally with supervisors, staff, patients, and colleagues.
- B. Defect in one or two of the above-mentioned rules.
- C. Defect in three or four of the above-mentioned rules.
- D. Defect in five or more rules, the final total score of the student's case is reduced by 50%.

# PERIODONTIC DEPARTMENT



Department of Periodontics, College of Dentistry  
University of Baghdad  
Undergraduate 2023-2024

Infection control and behavioral assessment (5 marks)

Value of Domains: A= 3 marks, B= 2 marks, C= 1		
<b>I. Infection control: (3 marks)</b>		
A. Student wear gloves, mask, and safety glasses, white coat or gown with his/her badge. Surfaces are covered with barriers when practical, and are cleaned with an approved disinfectant between patients and after finishing. All the instruments must be sterilized and dental chair are prepared well, later the instruments cleaned and returned to the sterilization unit. B. Defect in <b>one or two</b> of the above-mentioned rules. C. Defect in <b>three or more</b> of the above-mentioned rules.		
<b>II. Behavior and attitude: (2 marks)</b>		
B. Attended on time and behave professionally with supervisors, staff, patients and colleagues. C. Attended late <b>OR</b> did not behave professionally with <b>ONE</b> of the above-mentioned staff.		
Grade out of 5 marks		Signature

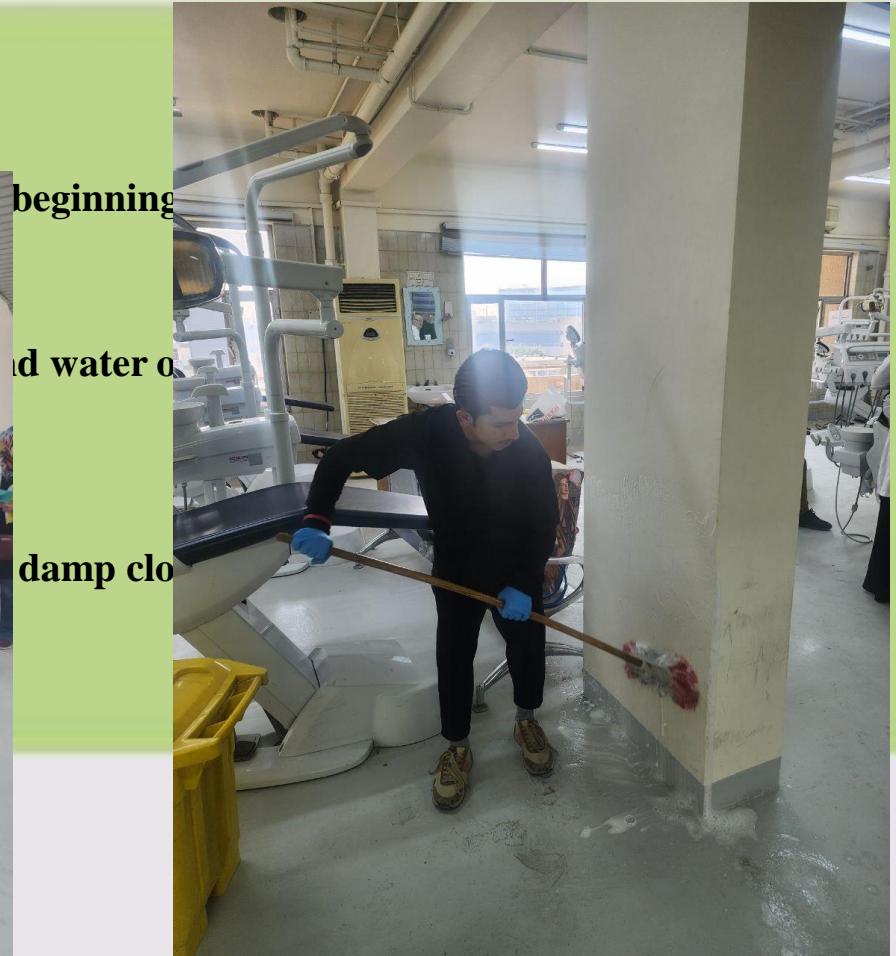
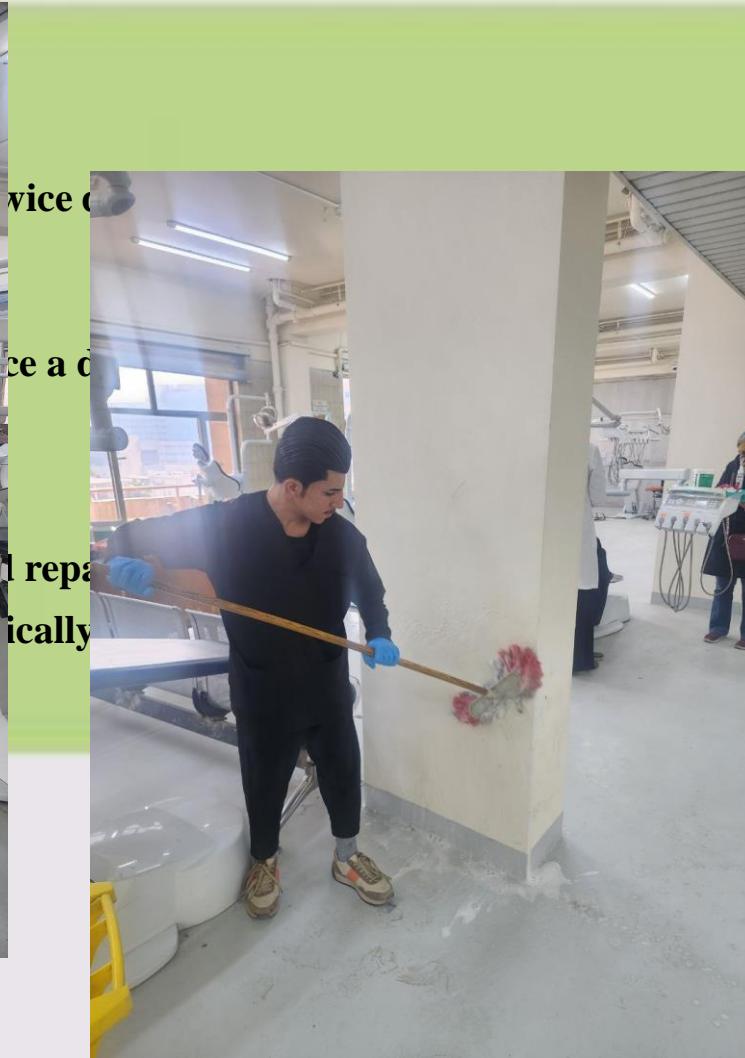
**Note:**  
In case of failure to obtain a score > 2 marks, the final score of the case will be reduced by 50%

# PROSTHODONTIC DEPARTMENT

Liquid soap dispenser

waste bags

# RESTORATIVE AND ESTHETIC DEPARTMENT



# ORTHODONTIC DEPARTMENT

## Instrument Processing Room



Value of infection control assessment =20% of total case score.

Value of Domain A=100%, B=75%, C=50%, D<50%.

- A. Student wear gloves, mask, and safety glasses or face shield (during procedures likely to generate splashes of body fluids or sprays of blood), White coat or gown with his/her badge. Surfaces are covered with a barrier when practical and are cleaned with an approved disinfectant between patients and after finishing. All the instruments must be sterilized, and the dental chair is prepared well; later, the chair and instruments are cleaned, and the instruments should be returned to the sterilization unit. Behave professionally with supervisors, staff, patients, and colleagues.
- B. Defect in one or two of the above-mentioned rules.
- C. Defect in three or four of the above-mentioned rules.
- D. Defect in five or more rules, the final total score of the student's case is reduced by 50%.





COLLEGE OF DENTISTRY / DEPARTMENT OF ORTHODONTICS

Patient's Name: \_\_\_\_\_

Date of Birth: \_\_\_\_\_ Age: \_\_\_\_\_ Gender: \_\_\_\_\_

Phone No.: \_\_\_\_\_

Address: \_\_\_\_\_

**Chief Complaint:** Esthetic  Function  Phonetic  Others

Student's Name: \_\_\_\_\_

Date: \_\_\_\_\_

Group: \_\_\_\_\_

**Medical History:** Airway Problem: No  Yes  / **Drugs:** No  Yes

**Hospitalization:** No  Yes  / Others: \_\_\_\_\_

**Dental History:** No  Yes

**SKELETAL EXAMINATION (CLINICALLY):**

**Anteroposterior Relation:** Cl I  Cl II  Cl III  / **Facial Convexity:** Straight  Convex  Concave

**Vertical Relation:** Normal  Increased  (Upper  Lower ) Decreased  (Upper  Lower )

**Horizontal Relation:** Symmetrical  Asymmetrical  Deviation to: R-side  L-side  Crossbite

**SOFT TISSUE EXAMINATION (CLINICALLY):**

**Tongue Function:** Normal  Tongue / Lower Lip Seal  Tongue Thrust: Endogenous  Adaptive

**Lips:** Competent  Incompetent  Potentially Competent  / **Lip Line:** Normal  High  Low

**DENTAL AND LOCAL FACTOR EXAMINATION**

**Angle's Classification:** R \_\_\_\_\_ L \_\_\_\_\_ / **Canines Classification:** R \_\_\_\_\_ L \_\_\_\_\_ / **Incisors Classification:** \_\_\_\_\_

**Space Analysis:** Space Available \_\_\_\_\_ Space Required \_\_\_\_\_

**Overbite** \_\_\_\_\_ (2-4 mm)    **Overjet** \_\_\_\_\_ (2-4 mm)

**Crossbite:** Anterior   Posterior  

**Crowding** 

**Spacing** 

**Missing Teeth** 

**Supernumerary Teeth** 

Uncrupted					
Erupted					
Uncrupted					

**Impacted Teeth** 

**Extracted Teeth** 

**Anomalies:** Type \_\_\_\_\_

**Periodontal Status:** Good  Fair  Poor  / **Habit:** No  Yes  / **Oral Hygiene:** Good  Fair  Poor

**Other Notes:** \_\_\_\_\_

Problems List:	Treatment Plan:	Appliance Design:
1.....	1.....	1.....
2.....	2.....	2.....
3.....	3.....	3.....
4.....	4.....	4.....
5.....	5.....	5.....
6.....	6.....	6.....

**Diagnostic Aids:**

Photographs 

Study Model 

Radiographs P.A. 

or C 

Orthopantomogram 

STARTING: \_\_\_\_\_



We need to **broaden** the cooperation



A wide-angle photograph of a beach at sunset. The sky is a warm, orange-pink color. In the foreground, several seagulls are standing on the wet sand near the water's edge. The ocean waves are breaking in the background, and a long wooden pier extends from the left side of the frame into the sea. A small white boat with a red stripe is anchored near the pier. The overall atmosphere is peaceful and scenic.

THANK YOU, BUNCHES