



UNDERGRADUATE (MBBS) ACADEMIC RECORD/LOG BOOK

Microbiology



**The Tamil Nadu Dr. M.G.R. Medical University
Chennai**

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Dr. M.G.R. Medical University
Chennai**



**Under Graduate (MBBS)
Academic Record/Log book
Department of Microbiology**



“I thank all the illustrious faculty of Microbiology in the Affiliated Medical Institutions of this University for their conscientious effort”

Dr. K. Narayanasamy, M.D., D.M.(Gastro.)

Preface

The new Graduate Medical Education Regulations attempts to stand on the shoulders of the contributions and the efforts of resource persons, teachers and students (past and present). It intends to carry forward the process of learning to enable the Indian Medical Graduate, a consummate provider of health care aligned to the evolving needs of the patients in every socio-economic setting.

The thrust in the new regulations is the continuation and evolution of thought in medical education making it more learner-centric, patient-centric, gender sensitive, outcome -oriented and environment appropriate. The result is an outcome driven curriculum which conforms to global trends. Emphasis is made on alignment and integration of subjects both horizontally and vertically, while respecting the strengths and necessity of subject-based instruction and assessment.

The importance of ethical values, responsiveness to the needs of the patient and acquisition of communication skills is underscored by providing dedicated curriculum time in the form of a longitudinal program based on Attitude, Ethics and Communication (AETCOM) competencies. Great emphasis has been placed on collaborative and inter-disciplinary teamwork, professionalism, altruism and respect in professional relationships with due sensitivity to differences in thought, social and economic position and gender.

In addition to the above, an attempt has been made to allow students from diverse educational streams and backgrounds to undergo transition appropriately through a Foundation Course. Dedicated time has been allotted for self-directed learning and co-curricular activities. With this view in mind, the log book has been designed as per the guidelines of competency-based curriculum.

This Academic Record for Undergraduate Medical Students is to be maintained by the student and is part of the learner's personal progress assessment toolkit. The learner shall present the Academic Record to the staff facilitator / mentor at the end of all class room learning / practical sessions / integrated learning sessions / ECE / SDL / AETCOM sessions and feedback sessions as called for by the faculty facilitators / mentors. The progress shall be recorded in the various segments of the record and signed by the facilitator / mentor.

Certificate

This is to certify that

Mr/ Ms. _____
University Registration No. _____ has satisfactorily attended and
completed all academic activities (Theory & Practicals) as assigned in this record
as per the guidelines prescribed under the Tamil Nadu Dr.M.G.R. Medical
University in the subject of Microbiology.

Head of Department

Date:

Place:

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1. Background of the course

i) Goal: The broad goal of teaching Microbiology to undergraduate students is to provide the understanding about the natural history of infectious diseases to deal with the aetiology, pathogenesis, laboratory diagnosis, treatment, control & prevention of infections in the community as per GMER 2023

ii) Objective:

At the end of the course the student will be able to :

- Explain how the different microorganisms can cause human infection.
- Understand commercial, opportunistic and pathogenic organisms and describe host-parasite relationship.
- Describe the characteristics (morphology, cultural characteristics, resistance, virulence factors, incubation period, mode of transmission etc.) of different microorganisms.
- Explain the various defense mechanisms of the host against the microorganisms which can cause human infection.
- Describe the laboratory diagnosis of microorganisms causing human infections and disease.
- Describe the prophylaxis for the particular infecting microorganisms

iii) Knowledge:

The undergraduate learner demonstrates:

- Understanding of role of microbial agents in health and disease
- Understanding of the immunological mechanisms in health and disease,
- Ability to correlate the natural history, mechanisms and clinical manifestations of infectious diseases as they relate to the properties of microbial agents,
- Knowledge of the principles and application of infection control measures,
- An understanding of the basis of choice of laboratory diagnostic tests and their interpretation, antimicrobial therapy, control and prevention of infectious diseases.
- Knowledge of outbreak investigation and its control.

iv) Skills:

At the end of the course the student shall be able to

- Plan the laboratory investigations for the diagnosis of infectious diseases.

- Perform laboratory procedures to arrive at the etiological diagnosis of infectious diseases caused by bacteria, fungi, viruses and parasites including the drug sensitivity profile.
- Perform and interpret immunological and serological tests.
- Operate routine and sophisticated instruments in the laboratory.
- Develop microteaching skills and Pedagogy
- Successfully implement the chosen research methodology

v) Integration:

The teaching should be aligned and integrated horizontally and vertically in organ systems with emphasis on host-microbe-environment interactions and their alterations in disease and clinical correlations to provide an overall understanding of the etiological agents, their laboratory diagnosis and prevention.

2. Curriculum Vitae

1. Name of the Student		
2. Date of Birth		
3. Permanent Address		
4. Contact Details		
i. Residential Address		
ii. Mobile No.		
iii. Land Line No.		
iv. Email ID		
5. Name of Parent/Guardian Residential Address Land Line No. (Home)		
6. Mobile No. Parents/Guardian		

--

Signature

3. Time Table

Week	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
I						
II						
III						
IV						
V						

Vacation Days:

_____ to _____

_____ to _____

4. Continuous Internal Assessment- Theory

Home Assignment No:

Date:

Topic:

Feedback of the facilitator

Signature of the facilitator

Home Assignment No:

Date:

Topic:

Feedback of the facilitator

Signature of the facilitator

Home Assignment No:

Date:

Topic:

Feedback of the facilitator

Signature of the facilitator

Home Assignment No:

Date:

Topic:

Feedback of the facilitator

Signature of the facilitator

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Date:

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Signature of the facilitator

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Date:

Topic:

Feedback of the facilitator

Signature of the facilitator

Home Assignment No:

Date:

Topic:

Feedback of the facilitator

Signature of the facilitator

4(B) Self- Directed Learning

SDL helps in empowering the student to perform an objective self-assessment of knowledge and skills, continue learning, refine existing skills and acquire new skills, to apply newly gained knowledge or skills to the care of the patient, to introspect and utilize experiences, to enhance personal and professional growth and learning, to search (including through electronic means), and critically evaluate the medical literature and apply the information in the care of the patient and to identify and select an appropriate career pathway that is professionally rewarding and personally fulfilling.

Note:

1. This section includes academic mile stones attained through self-directed learning. The learner shall be assigned a specific learning objective for each session.
2. The learner shall be given an assignment based on the “Desirable to know” areas of the curriculum and any other such topics as deemed necessary.
3. They shall record a detailed synopsis of the learning in this section. The student shall also record a list of the books/journals referred in Vancouver format.
4. The completion of such activity shall be recorded in this section by the learner and signed by the facilitator

No.	SDL	Date	Topic	Page no.
(i)	Seminar			
(ii)	Museum study (Posters/ Model/ Chart Making)			
(iii)	Library Assignments			

SDL - Seminar

Date:

Topic

Summary of the concept learnt:

Reference

Feedback of the facilitator

Signature of the facilitator

SDL - Seminar

Date:

Topic

Summary of the concept learnt:

Reference

Feedback of the facilitator

Signature of the facilitator

SDL – Museum study

Date:

Topic

Summary of the concept learnt:

Reference:

Feedback of the facilitator

Signature of the facilitator

SDL – Museum study

Date:

Topic

Summary of the concept learnt:

Reference:

Feedback of the facilitator

Signature of the facilitator

SDL - Library Assignment

Date:

Topic:

Reference:

Feedback of the facilitator

Signature of the facilitator

SDL - Library Assignment

Date:

Topic:

Reference:

Feedback of the facilitator

Signature of the facilitator

**5. Continuous
Internal Assessment-
Practicals (log book)**

5(A) Certifiable Skill Based Competencies

Note:

1. This section captures the skills and competencies obtained by the learner during the course work in the department.
2. The facilitator shall assess the learner for the specific certifiable competency and those certifiable competencies which the learner has acquired shall be entered in this section. A record of these is also maintained in the assessment record.

No.	Competencies	
1	MI 1.2, 6.2	Perform and identify the causative agents of Infectious Diseases - Gram stain
2	MI 1.2, 6.3	Perform and identify the causative agents of Infectious Diseases: Acid fast staining
3	MI 1.2	Perform and identify the causative agents of Infectious Diseases: Stool microscopy
4	MI 8.7	Demonstrate Infection control practices: Hand Hygiene
5	MI 8.7	Demonstrate Infection control practices: Personal Protective equipments (PPE)

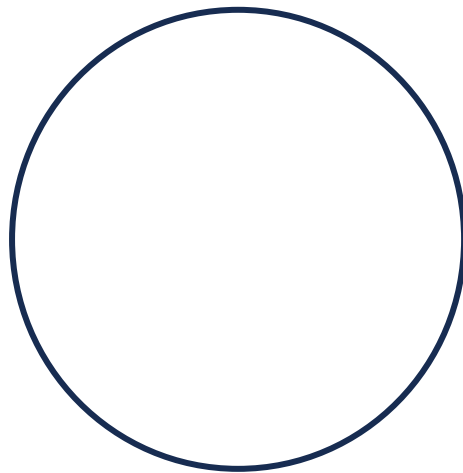
Certifiable skill Exercise – Gram Stain

Date:

Topic: MI 1.2, 6.2 - Perform and identify the causative agents of Infectious Diseases - Gram stain

Case study:

Aim:



Observation:

Colour	Shape	Arrangement	Identification

Inference:

Example:

Feedback of the facilitator

Signature of the facilitator

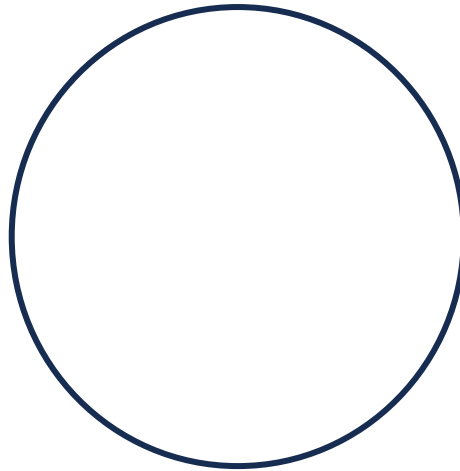
Certifiable skill Exercise – Gram Stain

Date:

Topic: MI 1.2, 6.2 - Perform and identify the causative agents of Infectious Diseases - Gram stain

Case study:

Aim:



Observation:

Colour	Shape	Arrangement	Identification

Inference:

Example:

Feedback of the facilitator

Signature of the facilitator

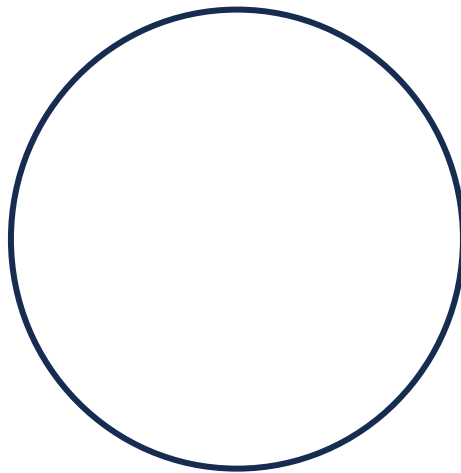
Certifiable skill Exercise – Gram Stain

Date:

Topic: MI 1.2, 6.2 - Perform and identify the causative agents of Infectious Diseases - Gram stain

Case study:

Aim:



Observation:

Colour	Shape	Arrangement	Identification

Inference:

Example:

Feedback of the facilitator

Signature of the facilitator

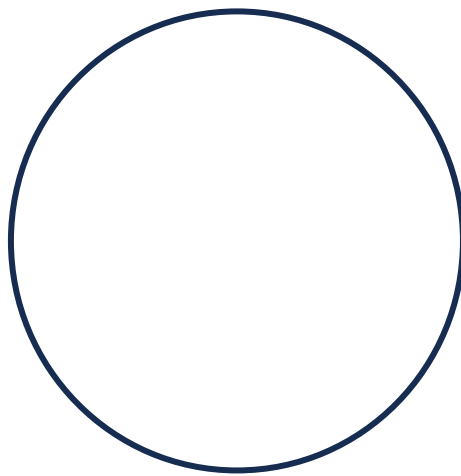
Certifiable skill Exercise – Gram Stain

Date:

Topic: MI 1.2, 6.2 - Perform and identify the causative agents of Infectious Diseases - Gram stain

Case study:

Aim:



Observation:

Colour	Shape	Arrangement	Identification

Inference:

Example:

Feedback of the facilitator

Signature of the facilitator

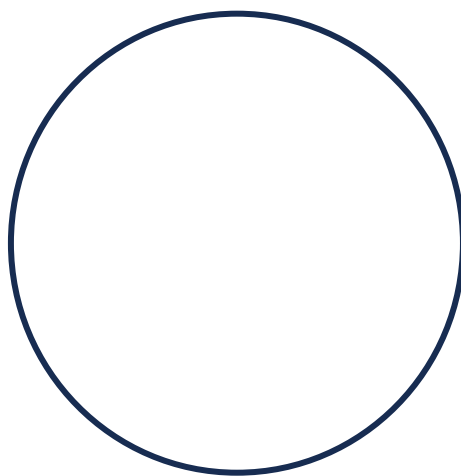
Certifiable skill Exercise – Gram Stain

Date:

Topic: MI 1.2, 6.2 - Perform and identify the causative agents of Infectious Diseases - Gram stain

Case study:

Aim:



Observation:

Colour	Shape	Arrangement	Identification

Inference:

Example:

Feedback of the facilitator

Signature of the facilitator

Skill Certification- Gram Stain

Type of skill:	MI 1.2, 6.2 – i) Perform Gram staining ii) Identify the causative agents of Infectious Diseases
Type of Assessment:	OSPE: Perform Gram staining DOPS: Identify, draw and label Gram stain
Student's performance:	OSPE: Performs correctly / incorrectly DOPS: i) Identifies correctly / incorrectly ii) Draws correctly / incorrectly
Decision of the faculty	Completed / Remedial class suggested

Certification of skill:

Certified that the learner has successfully completed the certification of the Skill for competency M1.2, 6.2

Date of Certification:

Signature of the facilitator:

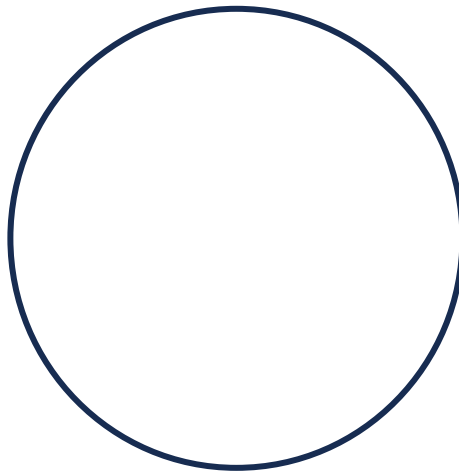
Certifiable skill Exercise – Gram Stain (Remedial)

Date:

Topic: MI 1.2, 6.2 - Perform and identify the causative agents of Infectious Diseases - Gram stain

Case study:

Aim:



Observation:

Colour	Shape	Arrangement	Identification

Inference:

Feedback of the facilitator

Signature of the facilitator

Skill Certification- Gram Stain

Type of skill:	MI 1.2, 6.2 – i) Perform Gram staining ii) Identify the causative agents of Infectious Diseases
Type of Assessment: (Remedial)	OSPE: Perform Gram staining DOPS: Identify, draw and label Gram stain
Student's performance:	OSPE: Performs correctly DOPS: i) Identifies correctly ii) Draws correctly
Decision of the faculty	Completed

Certification of skill:

Certified that the learner has successfully completed the certification of the Skill for competency M1.2, 6.2

Date of Certification:

Signature of the facilitator:

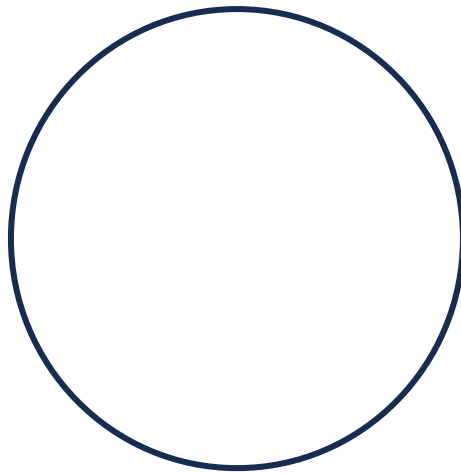
Certifiable skill Exercise – Acid fast Staining

Date:

Topic: MI 1.2, 6.3- Perform and identify the causative agents of Infectious Diseases: Acid fast staining

Case study:

Aim:



Observation:

Inference:

Example:

Feedback of the facilitator

Signature of the facilitator

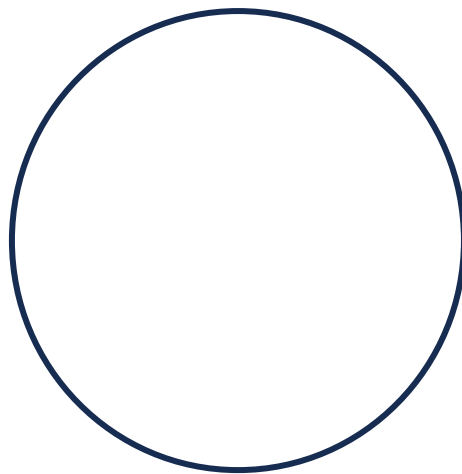
Certifiable skill Exercise – Acid fast Staining

Date:

Topic: MI 1.2, 6.3- Perform and identify the causative agents of Infectious Diseases: Acid fast staining

Case study:

Aim:



Observation:

Inference:

Example:

Feedback of the facilitator

Signature of the facilitator

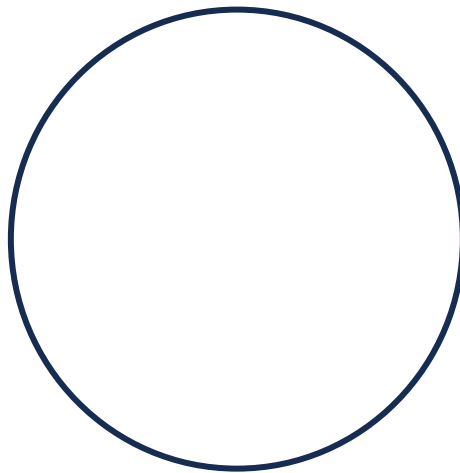
Certifiable skill Exercise – Acid fast Staining

Date:

Topic: MI 1.2, 6.3- Perform and identify the causative agents of Infectious Diseases: Acid fast staining

Case study:

Aim:



Observation:

Inference:

Example:

Feedback of the facilitator

Signature of the facilitator

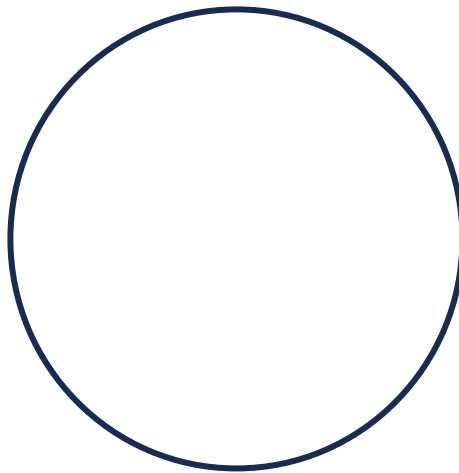
Certifiable skill Exercise – Acid fast Staining

Date:

Topic: MI 1.2, 6.3- Perform and identify the causative agents of Infectious Diseases: Acid fast staining

Case study:

Aim:



Observation:

Inference:

Example:

Feedback of the facilitator

Signature of the facilitator

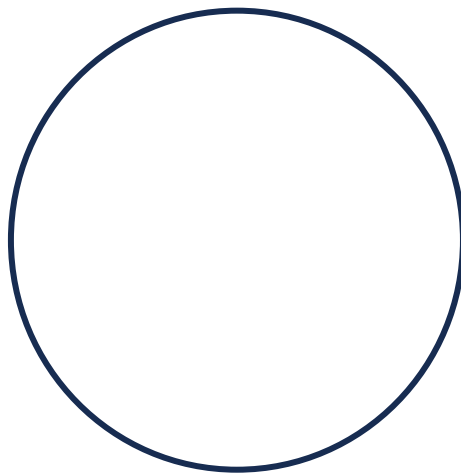
Certifiable skill Exercise – Acid fast Staining

Date:

Topic: MI 1.2, 6.3- Perform and identify the causative agents of Infectious Diseases: Acid fast staining

Case study:

Aim:



Observation:

Inference:

Example:

Feedback of the facilitator

Signature of the facilitator

Skill Certification- Acid fast staining

Type of skill:	MI 1.2, 6.3 – i) Perform Acid Fast Staining ii) Identify the causative agents of Infectious Diseases
Type of Assessment:	OSPE: Perform Acid Fast Staining DOPS: Identify, draw and label Acid Fast Stain
Student's performance:	OSPE: Performs correctly / incorrectly DOPS: i) Identifies correctly / incorrectly ii) Draws correctly / incorrectly
Decision of the faculty	Completed / Remedial class suggested

Certification of skill:

Certified that the learner has successfully completed the certification of the Skill for competency M1.2, 6.3

Date of Certification:

Signature of the facilitator:

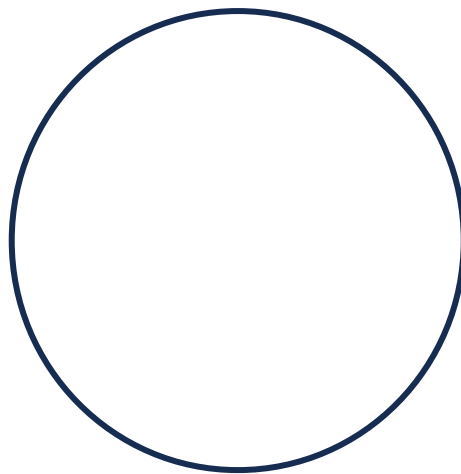
Certifiable skill Exercise – Acid fast Staining (Remedial)

Date:

Topic: MI 1.2, 6.3- Perform and identify the causative agents of Infectious Diseases: Acid fast staining

Case study:

Aim:



Observation:

Inference:

Example:

Feedback of the facilitator

Signature of the facilitator

Skill Certification- Acid fast staining

Type of skill:	MI 1.2, 6.3 – i) Perform Acid Fast Staining ii) Identify the causative agents of Infectious Diseases
Type of Assessment: (Remedial)	OSPE: Perform Acid Fast Staining DOPS: Identify, draw and label Acid Fast Stain
Student's performance:	OSPE: Performs correctly DOPS: i) Identifies correctly ii) Draws correctly
Decision of the faculty	Completed

Certification of skill:

Certified that the learner has successfully completed the certification of the Skill for competency M1.2, 6.3

Date of Certification:

Signature of the facilitator:

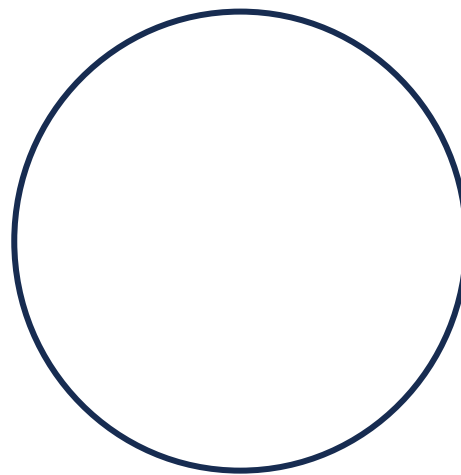
Certifiable skill Exercise – Stool Microscopy

Date:

Topic: MI 1.2- Perform and identify the causative agents of Infectious Diseases:
Stool microscopy

Case study:

Aim:



Points of identification:

Inference:

Feedback of the facilitator

Signature of the facilitator

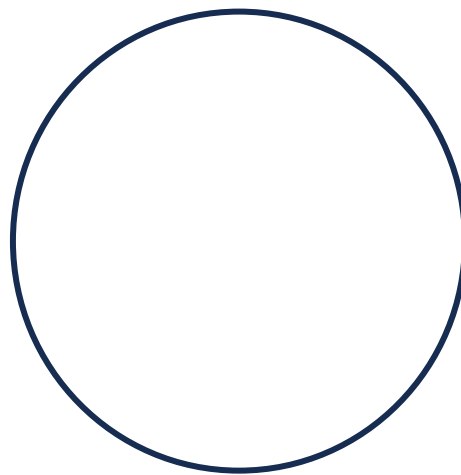
Certifiable skill Exercise – Stool Microscopy

Date:

Topic: MI 1.2- Identify the causative agents of Infectious Diseases: Stool microscopy

Case study:

Aim:



Points of identification:

Inference:

Feedback of the facilitator

Signature of the facilitator

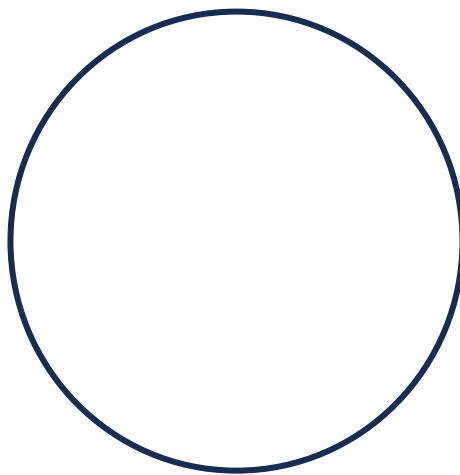
Certifiable skill Exercise – Stool Microscopy

Date:

Topic: MI 1.2- Identify the causative agents of Infectious Diseases: Stool microscopy

Case study:

Aim:



Points of identification:

Inference:

Feedback of the facilitator

Signature of the facilitator

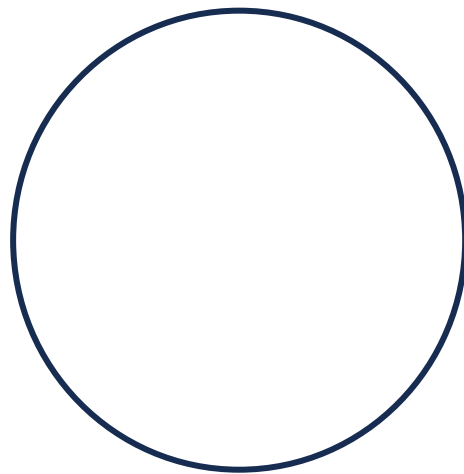
Certifiable skill Exercise – Stool Microscopy

Date:

Topic: MI 1.2- Identify the causative agents of Infectious Diseases: Stool microscopy

Case study:

Aim:



Points of identification:

Inference:

Feedback of the facilitator

Signature of the facilitator

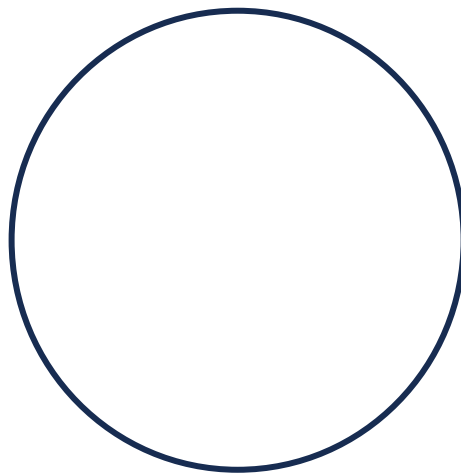
Certifiable skill Exercise – Stool Microscopy

Date:

Topic: MI 1.2- Identify the causative agents of Infectious Diseases: Stool microscopy

Case study:

Aim:



Points of identification:

Inference:

Feedback of the facilitator

Signature of the facilitator

Skill Certification- Stool Microscopy

Type of skill:	MI 1.2 - Identify the causative agents of Infectious Diseases
Type of Assessment:	DOPS: Identify, draw and label the given parasite
Student's performance:	DOPS: i) Identifies correctly / incorrectly ii) Draws correctly / incorrectly
Decision of the faculty	Completed / Remedial class suggested

Certification of skill:

Certified that the learner has successfully completed the certification of the Skill for competency M1.2

Date of Certification:

Signature of the facilitator:

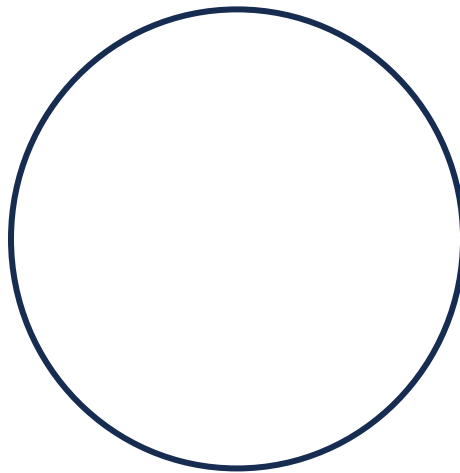
Certifiable skill Exercise – Stool Microscopy (Remedial)

Date:

Topic: MI 1.2- Identify the causative agents of Infectious Diseases: Stool microscopy

Case study:

Aim:



Points of identification:

Inference:

Feedback of the facilitator

Signature of the facilitator

Skill Certification- Stool Microscopy

Type of skill:	MI 1.2 - Identify the causative agents of Infectious Diseases
Type of Assessment: (Remedial)	DOPS: Identify, draw and label the given parasite
Student's performance:	DOPS: i) Identifies correctly ii) Draws correctly
Decision of the faculty	Completed

Certification of skill:

Certified that the learner has successfully completed the certification of the Skill for competency M1.2

Date of Certification:

Signature of the facilitator:

Certifiable skill Exercise- Hand hygiene

Date:

Topic: MI 8.7 - Demonstrate Infection control practices: hand hygiene

Case study:

Sl no.	Checklist
1	Removes all hand accessories (finger ring, wrist watch, etc.) & applies sufficient amount of soap / hand wash /hand rub
2	Rubs palm to palm
3	Rubs right palm over left dorsum with interlaced fingers and vice versa
4	Follows palm to palm with interlaced fingers
5	Rubs back of fingers to opposing palm with fingers interlocked
6	Rotational rubbing of left thumb clasped in right palm and vice versa
7	Rotational rubbing, backwards and forwards with clasped fingers of right hand in left palm and vice versa
8	Rinses hands with water/ Waits till the hands are dried (in case of hand rub)
9	Dries hands with paper with single use towel & Closes the tap with same paper towel/elbow
10	Disposes the paper towel appropriately
	<i>Completes the steps 40-60 seconds time (hand wash)/ 20- 30 seconds time (Hand rub)</i>

Feedback of the facilitator

Signature of the facilitator

Certifiable skill Exercise- Hand hygiene

Date:

Topic: MI 8.7 - Demonstrate Infection control practices: hand hygiene

Case study:

Sl no.	Checklist
1	Removes all hand accessories (finger ring, wrist watch, etc.) & applies sufficient amount of soap / hand wash /hand rub
2	Rubs palm to palm
3	Rubs right palm over left dorsum with interlaced fingers and vice versa
4	Follows palm to palm with interlaced fingers
5	Rubs back of fingers to opposing palm with fingers interlocked
6	Rotational rubbing of left thumb clasped in right palm and vice versa
7	Rotational rubbing, backwards and forwards with clasped fingers of right hand in left palm and vice versa
8	Rinses hands with water/ Waits till the hands are dried (in case of hand rub)
9	Dries hands with paper with single use towel & Closes the tap with same paper towel/elbow
10	Disposes the paper towel appropriately
	<i>Completes the steps 40-60 seconds time (hand wash)/ 20- 30 seconds time (Hand rub)</i>

Feedback of the facilitator

Signature of the facilitator

Certifiable skill Exercise- Hand hygiene

Date:

Topic: MI 8.7 - Demonstrate Infection control practices: hand hygiene

Case study:

Sl no.	Checklist
1	Removes all hand accessories (finger ring, wrist watch, etc.) & applies sufficient amount of soap / hand wash /hand rub
2	Rubs palm to palm
3	Rubs right palm over left dorsum with interlaced fingers and vice versa
4	Follows palm to palm with interlaced fingers
5	Rubs back of fingers to opposing palm with fingers interlocked
6	Rotational rubbing of left thumb clasped in right palm and vice versa
7	Rotational rubbing, backwards and forwards with clasped fingers of right hand in left palm and vice versa
8	Rinses hands with water/ Waits till the hands are dried (in case of hand rub)
9	Dries hands with paper with single use towel & Closes the tap with same paper towel/elbow
10	Disposes the paper towel appropriately
	<i>Completes the steps 40-60 seconds time (hand wash)/ 20- 30 seconds time (Hand rub)</i>

Feedback of the facilitator

Signature of the facilitator

Skill Certification- Hand Hygiene

Type of skill:	MI 8.7 - Demonstrate Infection control practices: hand hygiene
Type of Assessment:	OSPE: Performs hand hygiene
Student's performance:	OSPE: Performs correctly / incorrectly
Decision of the faculty	Completed / Remedial class suggested

Certification of skill:

Certified that the learner has successfully completed the certification of the Skill for competency MI8.7

Date of Certification:

Signature of the facilitator:

Certifiable skill Exercise- Hand hygiene

Date:

Topic: MI 8.7 - Demonstrate Infection control practices: hand hygiene

Case study:

Sl no.	Checklist
1	Removes all hand accessories (finger ring, wrist watch, etc.) & applies sufficient amount of soap / hand wash /hand rub
2	Rubs palm to palm
3	Rubs right palm over left dorsum with interlaced fingers and vice versa
4	Follows palm to palm with interlaced fingers
5	Rubs back of fingers to opposing palm with fingers interlocked
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7	Rotational rubbing, backwards and forwards with clasped fingers of right hand in left palm and vice versa
8	Rinses hands with water/ Waits till the hands are dried (in case of hand rub)
9	Dries hands with paper with single use towel & Closes the tap with same paper towel/elbow
10	Disposes the paper towel appropriately
	<i>Completes the steps 40-60 seconds time (hand wash)/ 20- 30 seconds time (Hand rub)</i>

Feedback of the facilitator

Signature of the facilitator

Skill Certification- Hand Hygiene

Type of skill:	MI 8.7 - Demonstrate Infection control practices: hand hygiene
Type of Assessment: (Remedial)	OSPE: Performs hand hygiene
Student's performance:	OSPE: Performs correctly
Decision of the faculty	Completed

Certification of skill:

Certified that the learner has successfully completed the certification of the Skill for competency MI8.7

Date of Certification:

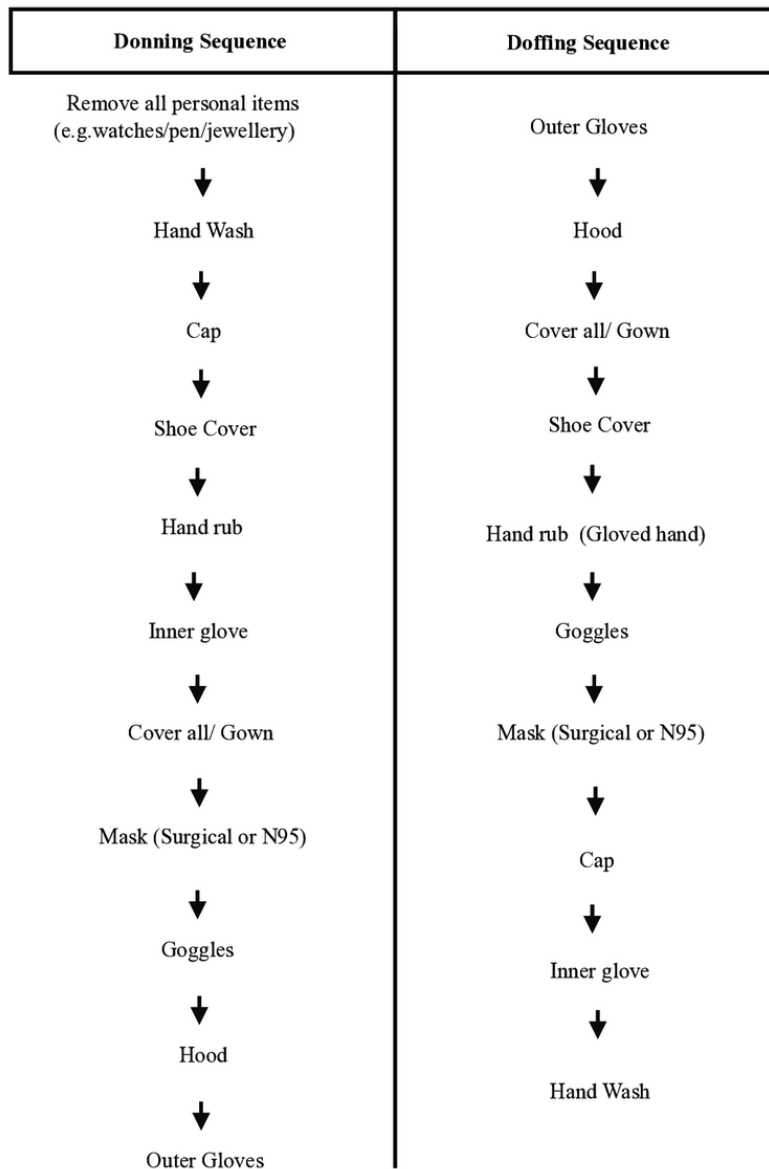
Signature of the facilitator:

Certifiable skill Exercise- Donning & Doffing of Personal Protective Equipments

Date:

Topic: MI 8.7 - Demonstrate Infection control practices: Personal Protective equipments

Case study:



Feedback of the facilitator

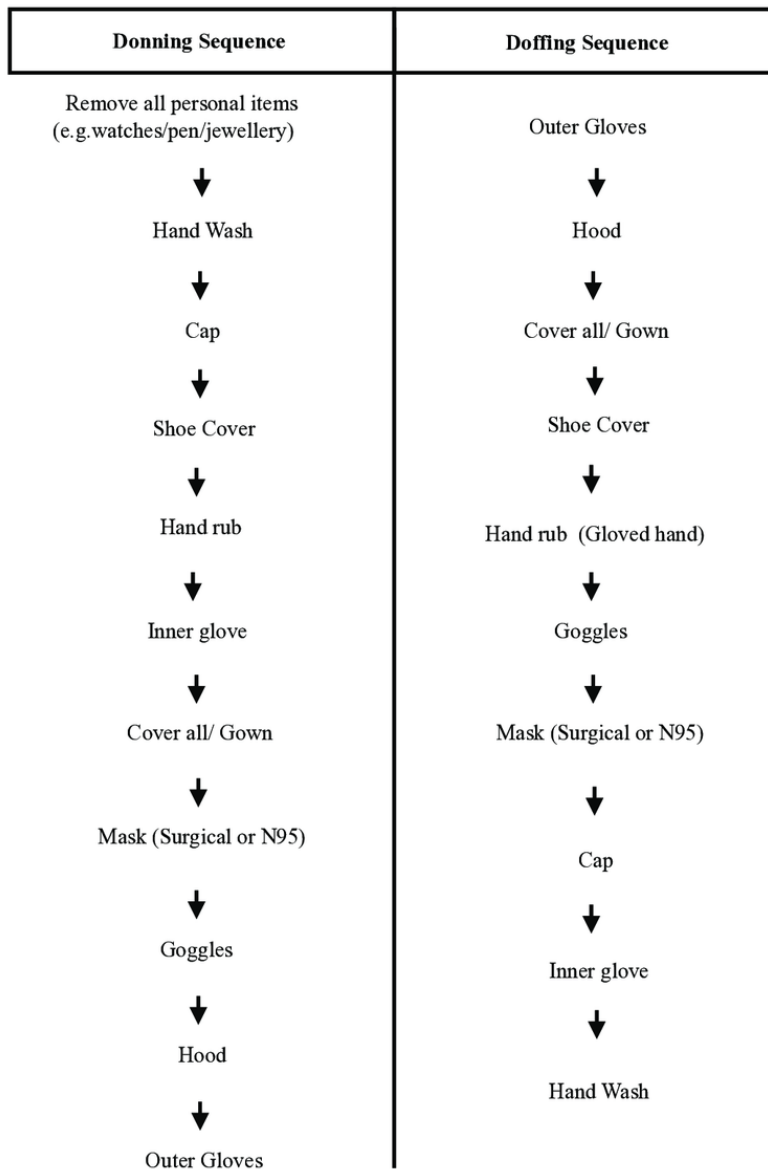
Signature of the facilitator

Certifiable skill Exercise- Donning & Doffing of Personal Protective Equipments

Date:

Topic: MI 8.7 - Demonstrate Infection control practices: Personal Protective equipments

Case study:



Feedback of the facilitator

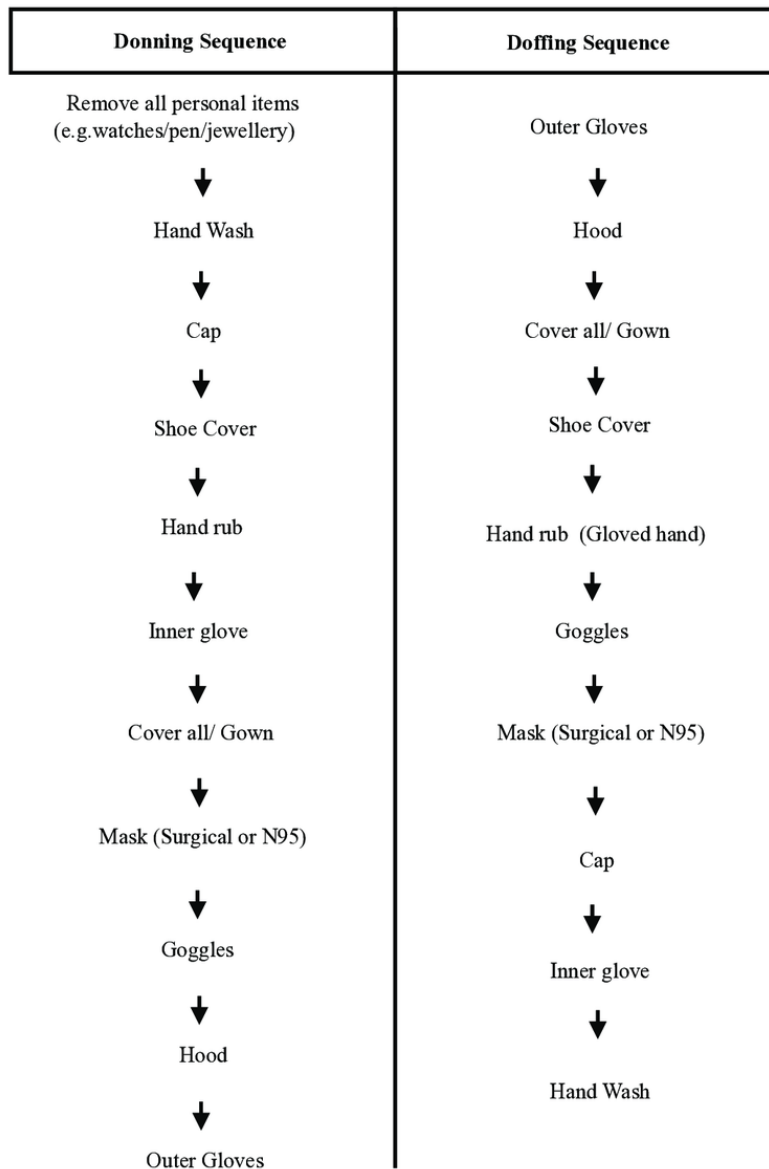
Signature of the facilitator

Certifiable skill Exercise- Donning & Doffing of Personal Protective Equipments

Date:

Topic: MI 8.7 - Demonstrate Infection control practices: Personal Protective equipments

Case study:



Feedback of the facilitator

Signature of the facilitator

Skill Certification- Personal Protective Equipments

Type of skill:	MI 8.7 - Demonstrate Infection control practices: Personal Protective equipments
Type of Assessment:	OSPE: Performs Donning and Doffing of Personal Protective equipments
Student's performance:	OSPE: Performs correctly / incorrectly
Decision of the faculty	Completed / Remedial class suggested

Certification of skill:

Certified that the learner has successfully completed the certification of the Skill for competency MI8.7

Date of Certification:

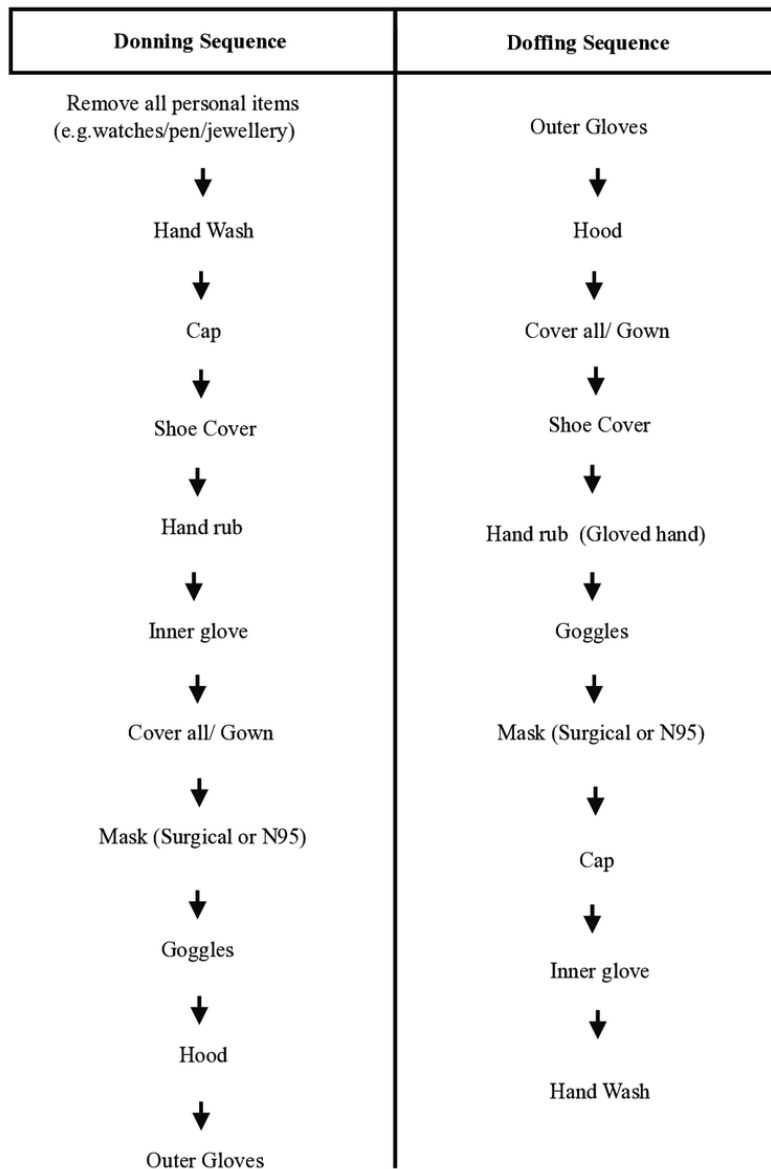
Signature of the facilitator:

Certifiable skill Exercise- Donning & Doffing of Personal Protective Equipments

Date:

Topic: MI 8.7 - Demonstrate Infection control practices: Personal Protective equipments

Case study:



Feedback of the facilitator

Signature of the facilitator

Skill Certification- Personal Protective Equipments	
Type of skill:	MI 8.7 - Demonstrate Infection control practices: Personal Protective equipments
Type of Assessment: (Remedial)	OSPE: Performs Donning and Doffing of Personal Protective equipments
Student's performance:	OSPE: Performs correctly
Decision of the faculty	Completed
<p>Certification of skill:</p> <p>Certified that the learner has successfully completed the certification of the Skill for competency MI8.7</p> <p>Date of Certification:</p> <p>Signature of the facilitator:</p>	

5(B) AETCOM Competencies

The “Indian Medical Graduate” (IMG) shall possess requisite knowledge, skills, attitudes, values and responsiveness, so that he or she may function appropriately and effectively as a doctor of first contact of the community while being globally relevant. In order to fulfill this goal, the IMG must be able to function in the following ROLES appropriately and effectively:

1. Clinician who understands and provides preventive, promotive, curative, palliative and holistic care with compassion.
2. Leader and member of the health care team and system with capabilities to collect, analyse, synthesize and communicate health data appropriately.
3. Communicator with patients, families, colleagues and community.
4. Lifelong learner committed to continuous improvement of skills and knowledge.
5. Professional, who is committed to excellence, is ethical, responsive and accountable to patients, community and profession.

Note:

1. This section includes academic mile stones attained AETCOM learning. The learner shall be assigned a specific learning objective for each session.
2. The learner shall be given an assignment based on the AETCOM topics of the curriculum.
3. They shall record a detailed synopsis of the skill learnt in this section.
4. The completion of such activity shall be recorded in this section by the learner and signed by the facilitator

Competencies	Topic
AETCOM module 2.2A	Describe and discuss the role of non- malfeasance as a guiding principle in patient care
AETCOM module 2.2B	Describe and discuss the role of autonomy and shared responsibility as a guiding principle in patient care
AETCOM module 2.2C	Describe and discuss the role of beneficence of a guiding principle inpatient care
AETCOM module 2.2D	Describe and discuss the role of a physician in health care system
AETCOM module 2.3	Describe and discuss the role of justice as a guiding principle in patient care
AETCOM module 2.5	Identify, discuss and defend medicolegal, sociocultural and ethical issues as it pertains to patient autonomy, patient rights and shared responsibility in health care
MI 8.11	Demonstrate respect for patient samples sent to the laboratory for performance of laboratory tests in the detection of microbial agents
MI 8.12, 8.14	Discuss and demonstrate confidentiality pertaining to patient identity in laboratory results

AETCOM Competencies

Date:

Topic: 2.2A Describe and discuss the role of non- malfeasance as a guiding principle in patient care

Summary of the concept learnt:

Reflection:

Feedback of the facilitator

Signature of the facilitator

AETCOM Competencies

Date:

Topic: 2.2B Describe and discuss the role of autonomy and shared responsibility as a guiding principle in patient care

Summary of the concept learnt:

Reflection:

Feedback of the facilitator

Signature of the facilitator

AETCOM Competencies

Date:

Topic: 2.2C Describe and discuss the role of beneficence of a guiding principle inpatient care

Summary of the concept learnt:

Reflection:

Feedback of the facilitator

Signature of the facilitator

AETCOM Competencies

Date:

Topic: 2.2D Describe and discuss the role of a physician in health care system

Summary of the concept learnt:

Reflection:

Feedback of the facilitator

Signature of the facilitator

AETCOM Competencies

Date:

Topic: 2.3 Describe and discuss the role of justice as a guiding principle in patient care

Summary of the concept learnt:

Reflection:

Feedback of the facilitator

Signature of the facilitator

AETCOM Competencies

Date:

Topic: 2.5 Identify, discuss and defend medicolegal, sociocultural and ethical issues as it pertains to patient autonomy, patient rights and shared responsibility in health care

Summary of the concept learnt:

Reflection:

Feedback of the facilitator

Signature of the facilitator

AETCOM Competencies

Date:

Topic: MI 8.11 Demonstrate respect for patient samples sent to the laboratory for performance of laboratory tests in the detection of microbial agents

Summary of the concept learnt:

Reflection:

Feedback of the facilitator

Signature of the facilitator

AETCOM Competencies

Date:

Topic: MI 8.12, 8.14 Discuss and demonstrate confidentiality pertaining to patient identity in laboratory results

Summary of the concept learnt:

Reflection:

Feedback of the facilitator

Signature of the facilitator

Simulated Virtual Learning Lab Activity

Date:

Topic

Summary of the skill learnt:

Feedback of the facilitator

Signature of the facilitator

Simulated Virtual Learning Lab Activity

Date:

Topic

Summary of the skill learnt:

Feedback of the facilitator

Signature of the facilitator

Simulated Virtual Learning Lab Activity

Date:

Topic

Summary of the skill learnt:

Feedback of the facilitator

Signature of the facilitator

Simulated Virtual Learning Lab Activity

Date:

Topic

Summary of the skill learnt:

Feedback of the facilitator

Signature of the facilitator

Simulated Virtual Learning Lab Activity

Date:

Topic

Summary of the skill learnt:

Feedback of the facilitator

Signature of the facilitator

Reference:

Feedback of the facilitator

Signature of the facilitator

Case-based Learning

Date:

Topic

Case- study:

Feedback of the facilitator

Signature of the facilitator

Case-based Learning

Case-based Learning

Date:

Topic

Case- study:

Feedback of the facilitator

Signature of the facilitator

Case-based Learning

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