Annex :Questionnaire:

Age:

☐ ≤25 years ☐ 26–30 years ☐ >30 years

Sex:

☐ Male ☐ Female

How long have you been working as a house officer?

☐ <6 months ☐ 6–12 months ☐ >1 year

Current department/rotation:

☐ Medicine ☐ Surgery ☐ Pediatrics ☐ Obstetrics & Gynecology ☐ Emergency ☐ Other: _____

Section B: Knowledge of Hand Hygiene

What is the main purpose of hand hygiene in healthcare settings?

☐ Prevent healthcare-associated infections

☐ Protect only the healthcare worker

☐ Remove visible dirt only

☐ No specific purpose

Which method is preferred for routine hand decontamination when hands are not visibly soiled?

☐ Alcohol-based hand rub (ABHR)

☐ Soap and water

☐ Plain water only

☐ Gloves only

When should hands be washed with soap and water?

☐ When hands are visibly dirty/contaminated

☐ Only before starting work

☐ Only after touching a patient

☐ Never

Which of the following is one of the WHO “5 Moments for Hand Hygiene”?

☐ Before touching a patient

☐ Before entering the hospital only

☐ Before wearing a uniform

☐ After leaving the hospital only

Hand hygiene should be performed before a clean/aseptic procedure.

☐ True ☐ False ☐ Don't know

Hand hygiene should be performed after exposure to body fluids.

☐ True ☐ False ☐ Don't know

What is the recommended duration for hand rubbing with ABHR?

☐ 5–10 seconds

☐ 20–30 seconds

☐ 40–60 seconds

☐ More than 2 minutes

What is the recommended duration for hand washing with soap and water?

☐ 10–20 seconds

☐ 20–30 seconds

☐ 40–60 seconds

☐ More than 2 minutes

Which areas of the hands are commonly missed during hand hygiene?

☐ Thumbs

☐ Fingertips

☐ Interdigital spaces

☐ All of the above

Section C: Reported Hand Hygiene Practices

How often do you perform hand hygiene before touching a patient?

☐ Always ☐ Often ☐ Sometimes ☐ Rarely ☐ Never

How often do you perform hand hygiene after touching a patient?

☐ Always ☐ Often ☐ Sometimes ☐ Rarely ☐ Never

How often do you perform hand hygiene before a clean/aseptic procedure?

☐ Always ☐ Often ☐ Sometimes ☐ Rarely ☐ Never

How often do you perform hand hygiene after body fluid exposure risk?

☐ Always ☐ Often ☐ Sometimes ☐ Rarely ☐ Never

How often do you perform hand hygiene after touching the patient's surroundings?

☐ Always ☐ Often ☐ Sometimes ☐Rarely

☐ Never

Which method do you usually use for routine hand hygiene?

☐ Alcohol-based hand rub

☐ Soap and water

☐ Both equally

☐ Other: _____

Do you perform hand hygiene after removing gloves?

☐ Always ☐ Often ☐ Sometimes ☐ Rarely ☐ Never

Section D: Training and Education

Have you ever received formal training on hand hygiene?

☐ Yes ☐ No

If yes, when was your most recent hand hygiene training?

☐ Within the last 6 months

☐ 6–12 months ago

☐ More than 1 year ago

☐ I don't remember

Do you think additional practical training on hand hygiene is needed?

☐ Yes ☐ No ☐ Not sure

Section E: Availability of Facilities and Perceived Barriers

Is clean running water consistently available in your working area?

☐ Always ☐ Often ☐ Sometimes ☐ Rarely ☐ Never

Is alcohol-based hand rub consistently available in your working area?

☐ Always ☐ Often ☐ Sometimes ☐ Rarely ☐ Never

Which factors make it difficult for you to perform hand hygiene appropriately? (You may select more than one)

☐ Heavy workload

☐ Lack of time

☐ Lack of water

☐ Lack of ABHR

☐ Facilities are inconveniently located

☐ Skin irritation

☐ Forgetfulness

☐ Lack of supervision

☐ Insufficient training

☐ Other: _____

_

Does heavy workload affect your hand hygiene practice?

☐ Yes, frequently ☐ Sometimes ☐ Rarely ☐ No

Do you think availability of hand hygiene facilities affects your compliance?

☐ Yes ☐ No ☐ Not sure

How important do you consider hand hygiene in preventing healthcare-associated infections?

☐ Very important ☐ Important ☐ Moderately important ☐ Slightly important ☐ Not important

What do you think would most improve hand hygiene practice among house officers?

☐ Regular training

☐ Better availability of ABHR

☐ Better access to water and sinks

☐ More supervision/reminders

☐ Reduced workload

☐ All of the above

☐ Other: _____