

PLEASE RECORD RESPONSES VERBATIM

Namaskar,

My name is ----- . The Nationwide study called "Assessment of Injection Practices in India" carried out by IndiaCLEN Program Evaluation Network has shown that a very large number of injections are given in India every year. 2/3rd of these injections given were found unsafe. Most of the injections given were found to have been unnecessarily prescribed. "Model Injection Corners" is an IPEN initiative as a follow up of the AIPI study to improve injection safety in the country. This **information will be used by health planners and managers** to design and implement **programs to improve injection safety. You are** an important stakeholder in this study and therefore we would appreciate if you could spare some of your valuable time to answer my questions. Your responses will be treated as confidential.

1.
 - a) For how long have you been working in this hospital / area?
 - b) Could you please tell your **qualification**?
 - c) Could you please tell about your training?
 - d) For how long have you been practicing? (Years)
2. When do you **decide** to give **injectable drugs** in your clinical practice?
3. What do you do, so that **injections** given in your clinical practice are **safe**?

4. In which conditions do you generally **prescribe injections** in the following age groups?

Age group	Conditions
0-5 yrs	
5-15 yrs	
>15 yrs	

5. If for a particular disease condition, **equally effective oral and injectable drugs** are available, which one will you **prefer** and why?

Please record the responses **VERBATIM**

6. In your opinion, is an **injection necessary** in the following conditions in out-patient setup? If yes, Why?

Conditions	Injections required?	
	Yes/No	If yes, Why?
a. Fever		
b. Diarrhoea		
c. Acute Respiratory Infection		

7. What is the process of **disposing** of injection related **waste** in your setup?

8. Are you aware about the availability of **operational manual** / guide / any other literature related to the following: (Enumerate Title)

a) Giving injections:

b) Sterilization of equipments:

c) Disposal of injection related wastes:

Please record the responses **VERBATIM**

9. What do you think are the **complications** of **injections**?
(**Probe**: diseases spread)

For giving injections safely certain steps have to be followed before, during and after giving injections.

10. What sort of **practices** make injections **risky**?

a. Before giving injections:
b. While giving injections:
c. After giving injections:

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11. What are the **risks** associated with **improper disposal** of used syringes and needles?

a. Risks to Injection givers:
b. Risks to Waste handlers:
c. Risks to Community:

12. Occasionally, **unnecessary injections** are given. In your opinion, what are the **reasons** in such situations?

Please record the responses **VERBATIM**

13. What are the **difficulties** you face in adopting **safe injection practices** in your setting? What are the reasons?

	Difficulties faced	Reasons
a. Equipment related		
b. Sterilization related		
c. Used needles & syringes disposal related		

14. Who **prescribe injections** in your setting (hospital / PHC / Clinic)? What is done if they are not available?

Injections	Who (Qualification/ Designation)	Action if not available
a. Curative		
b. Immunization		

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15. Who **gives injections** in your setting (hospital / PHC / Clinic)? What is done if they are not available?

Injections	Who (Qualification/ Designation)	Action if not available
a. Curative		
b. Immunization		

16. What is the provision in your hospital / clinic / PHC for administering **injections** at the **clients' home / outreach sessions**?

Type of Injections	In What Conditions?	Who are the injection givers?
a. Curative		
b. Immunization		

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17. How sterilization of syringes and needles is carried out at health facility / home / out reach areas before use?

	Health Facility	Home / Out-reach areas
a. Glass Syringes		
b. Plastic Syringes		
c. Needles with metal hubs		
d. Needles with plastic hubs		

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18. What is the **role of injection givers** / others in **sterilization** of syringes & needles in your hospital / clinic / PHC?

a. Role of injection givers:
b. Role of others (Probe: who are they):

19. When do you **discard** the following syringes and needles?

a. Glass syringes:
b. Plastic syringes:

Please record the responses **VERBATIM**

c. Needles with metal hubs:

d. Needles with plastic hubs:

20. In your setting (hospital / clinic / PHC / Sub-centre) who are **incharge of managing the injection related waste** and what are their responsibilities?

Persons Incharge (Designation)	Qualifications	Training in waste disposal	Related Responsibilities with respect to waste disposal

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21. In your setting (hospital / clinic / PHC / Sub-centre) who all are the persons **directly involved** and their responsibilities in **disposing off injection related waste**?

Person directly handling (Designation)	Qualifications	Training in handling	Responsibilities

22. What is the **procedure** for **procuring** syringes and needles in your setting? (**Specify**: source)

Type of Injections	Glass Syringes	Plastic Syringes	Needles
a. Curative			
b. Immunization			

Please record the responses **VERBATIM**

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23. How did you **estimate** the **requirement** for following in the past?

Items	Immunization	Curative
a. Glass Syringes and Needles with metal Hubs		
b. Plastic Syringes and Needles with plastic Hubs		

24. How do you **assess the quality** of following at the time of receiving supply?

a. Glass syringes
b. Plastic syringes

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c. Needles with metal hubs

d. Needles with plastic hubs

25. What **equipments** are available in your hospital / PHC / clinic **for disposal** of injection related **waste**?

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26. Which of the following **equipment** do you have & are they **in use**? If not why?

Type of Equipment	Available / Not available	In use (Yes / No)	If no, why?
a. Autoclaves			
b. Pressure cooker			
c. Electric/Steam Sterilizer			
d. Drums			
e. Stoves			
f. Needle Destroyer			
g. Syringe Cutter			
h. Any other (specify)			

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27. Where do you **procure** the following? Are **adequate resources** available to get the following? If no, what actions were taken?

Type of Equipment	Source of Supply	Adequate / inadequate	Action taken if inadequate supply
a. Bleach solution / Powder			
b. Thick Rubber Gloves			
c. Gum Boots			
d. Colour Coded Plastic Bags (black / yellow / blue)			
e. Closed Trolley			
f. Gowns			
g. Imperforated Needle containers / Puncture proof / Safety box			
h. Consumables (Kerosene, Spirit, Cotton)			
i. Others (Specify eg. Sharps well)			

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28. How did you **estimate** your **requirement** for following items during the previous year?

a. Needle / syringe destroyers:
b. Consumables (Kerosene, Spirit, Chemicals):
c. Sterilization equipment:
d. Equipments for injection related waste disposal:

29. Could you please give details of the **last training** in which **safe injection practices** were also discussed?
(**Probe:** where, Trainees, Trainers, Duration, contents, proportion of time spent on hands-on, organizers)

Please record the responses **VERBATIM**

30. In your setting, how are the **adverse reactions** associated with injections **monitored** and who does it? (Probe: Injection abscesses)

31. How are the following **activities monitored** at your hospital / clinic? Who does it?

Activities	Process of Monitoring	Who monitors
a. Injectable drugs		
b. Process of giving injection (including equipment & its quality)		
c. Process of sterilization		
d. Process of waste disposal		

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32. What **problems** were **identified** in injection practices and use of injectable drugs? What **actions** were taken **to rectify** them?

<p>a. Use of injectable Drugs Problems Identified:</p> <p>Actions Taken:</p>
<p>b. Process of Sterilization Problems Identified:</p> <p>Actions Taken:</p>
<p>c. Process of giving injection Problems Identified:</p> <p>Actions Taken:</p>
<p>d. Process of disposal of used syringes and needles Problems Identified:</p> <p>Actions Taken:</p>

Please record the responses **VERBATIM**

33. How do you **co-ordinate** the following **activities** with injection givers at your health facility **to ensure safe injections** in the clinic / hospital?
(Donot ask this question to prescribers who are also injection givers)

Activities	Co-ordination with Injection givers
a. Supplies of syringes & needles	
b. Sterilization	
c. Appropriate waste disposal	

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34. What is the process of **distribution** of following **supplies** within your health facility?
(Do not ask this question to prescribers who are also injection givers)

a. Syringes and needles:

b. Sterilization equipment:

c. Supplies related to injection related waste:

Please record the responses **VERBATIM**

35. What **roles** have been **played** by the following groups **to promote safe injections** in the health facility and community?

a. Professional bodies (IMA, IAP etc.)
b. Industry (Pharmaceutical / Syringe and needle manufacturers)
c. Academia
d. Media
e. NGOs / CBOs
f. Neighbours / Friends
g. Leaders
h. Teachers
i. Family Member/Elder
j. Others (specify)

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36. In your opinion, what are the **differences** between **government & private sector** regarding-

a. Use of injections in the prescriptions:
b. Safe injection procedure:
c. Disposal of used syringes and needles:

37. In general, what all do you **discuss** with the clients **before prescribing injections**?

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38. What could be the reasons for some **clients preferring injections** to oral drugs? (**Probe:** even though painful)
39. In your experience, **out of 10 clients** how many ask for **injections** in your setting? What did you do?
40. What are the **factors** that influence the community in your area for deciding to take treatment from a **particular health care provider**?

Please record the responses **VERBATIM**

41. What are the **socio-cultural beliefs / rumours / customs / rituals** in the community regarding injection? How do these influence current injection practices?

a. Curative injections:

b. Injections for immunization:

Please record the responses **VERBATIM**

42. In your opinion, how is the **community** and **clients** currently **made aware** about the following:

a. Appropriate use of injectable drugs:

b. Safe injection procedures (sterilization, injecting):

c. Complications of injections:

d. Disposal of used syringes and needles:

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43. In your opinion, how are **prescribers** and **injection givers** currently **made aware** about the following:

a. Rationality of injections:
b. Issues regarding safety of injections:
c. Complications of injections:
d. Disposal of used syringes and needles:

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It is often said that there is recycling of plastic syringes and needles with plastic hubs.

44. How are the discarded **syringes and needles recycled** and put back in the market?
45. How can one recognize / **differentiate recycled** syringes and needles from non recycled **ones**? (**Probe**: price difference)
46. How can **knowledge** and **skills** of prescribers and injection givers about rationality and safety of injection be **increased**?

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47. In your opinion, how can **community** be **made** more **aware** and their participation increased to promote rational injection practices and safe injections?

48. There is lot of talk about increasing number of **HIV-AIDS** and **Hepatitis B & C cases** in the community. What **impact** did this have on your practice?

THANK YOU

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