



**MATRI SUDHA**  
(A CHARITABLE TRUST)

# Assessment of Jhola Chaap Doctors in Lal Kuan Village

2016

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## **Acknowledgment**

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I sincerely thank Mr. Arvind Singh for his guidance and encouragement in carrying out this project-‘Assessment of Jhola Chaap Doctors’ during my summer training.

I would also like to thank staff members Nazmeen, Pinki and Laksmi of Matri Sudha who rendered their help during the internship.

## **Executive Summary**

The aim is to assess the practicing patterns of Jhola Chaap Doctors' of Nardan Basti and Prem Nagar and their methods of treatment or related procedures.

These doctors are interviewed regarding the number of patients they treat on daily basis, what all healthcare facilities they provide, methods of sterilization they use and also if they follow proper biomedical waste disposal protocols or not.

The questionnaire deals with many such questions also including data about how many years these doctors have been practicing in this area. Any fatal reaction or allergic reaction ever occurred due to the prescribed drug or ongoing treatment. These doctors provide healthcare services in Nardan Basti and Prem Nagar areas. Maintaining healthy work environment and infection free work places or clinic is a must. Following sterilization protocols are very important and a key factor in treating patients.

## **Research question**

To study the unabated practice of quacks (jhola chaap doctors) in the areas of Nardan Basti and Prem Nagar

## **Objectives**

- To find out if the doctors practicing in these areas are registered or not
- To study the practicing patterns and methods of treating patients
- To monitor if the doctors are following all the proper sterilization and disposal protocols
- To examine if these doctors are skilled enough to handle a patient or how they manage complicated cases

## **Methodology**

### **Study Area**

South Delhi (Nardan Basti, Prem Nagar)

### **Sample size**

A total of 5 jhola chaap doctors have been interviewed.

### **Study Design**

Quantitative and Descriptive design.

### **Type of data**

Primary data has been collected through questionnaire.

### **Timeline**

The study took around three week for complete formation and evaluation of information that is between 9<sup>th</sup> -30<sup>th</sup> may 2016.

## **Analysis Plan**

Descriptive Analysis has been done from the data obtained through questionnaire (tool) and it would be presented in graphs and percentage of the relevant outcomes of study. Software used for this analysis will be MS Excel package.

All the information obtained through the above descriptive analysis has been presented in form of Tables and Graphs which are as follows:

We interviewed total 5 Jhola Chaap Doctors in the area of Nardan Basti and Prem Nagar.

1. Dr. Shambhu
2. Dr. Gautam
3. Dr. Sushila Sharma
4. Dr. Subhash
5. Dr. R. D. Verma

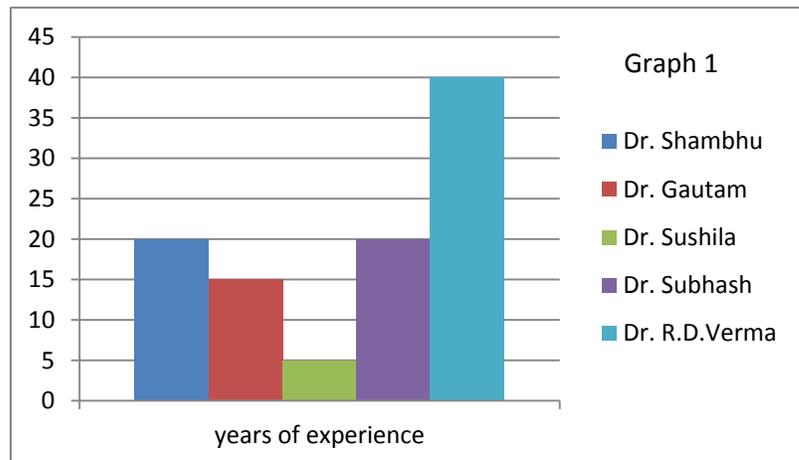
## Findings

### 1. Level of education of the doctor

Name	Qualifications
Dr. Shambhu	Graduation
Dr. Gautam	12th
Dr. Sushila	Alternate M.B.B.S [3 Year Programme]
Dr. Subhash	B.Sc
Dr. R.D.Verma	B.A., RMP

### 2. Years of Experience

Name	Years
Dr. Shambhu	20
Dr. Gautam	15
Dr. Sushila	5-6
Dr. Subhash	20
Dr. R D Verma	40



We can see from the given graph [Graph No 1] that Dr. R.D.Verma has 40 years of experience, while Dr. Shambhu and Dr. Subhash has 20 years, Dr. Gautam has 15 years, and Dr. Sushila has 5-6 years of experience in practice.

### 3. Number of patients seen daily (approx.)

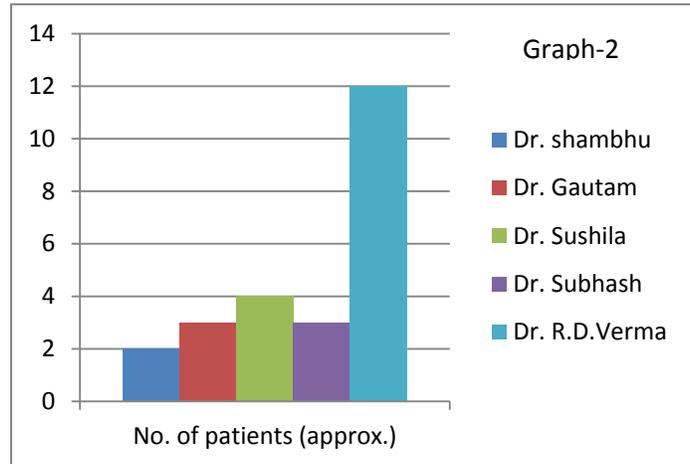
Name	Patients
Dr. Shambhu	2
Dr. Gautam	3

Dr. Sushila 4

Dr. Subhash 3

Dr. R.D.Verma 12

4. Patients referred to government (Safdurjung hospital) or private (Praladpur, Lal Kuan) hospital?



Name Hospital

Dr. Shambhu Both

Dr. Gautam Govt

Dr. Sushila Govt

Dr. Subhash Govt

Dr. R.D.Verma Govt

In case of referral, Dr. Shambhu refers patient in both government and private clinic, while rest all doctors refer patients to government hospital.

5. Any allergic reactions like rashes, redness, swelling ever happened to the patient during treatment?

Name Allergic reaction

Dr. Shambhu NO

Dr. Gautam NO

Dr. Sushila NO

Dr. Subhash NO

Dr. R.D.Verma YES

6. What all services provided or type of treatment practiced?

Name	Type
Dr. Shambhu	All
Dr. Gautam	Allopathic
Dr. Sushila	Allopathic
Dr. Subhash	Ayurveda
Dr. R.D.Verma	All

7. Medical History recorded?

Name	Records
Dr. Shambhu	NO
Dr. Gautam	YES
Dr. Sushila	YES
Dr. Subhash	NO
Dr. R.D.Verma	YES

Dr. Gautam, Dr. Sushila and Dr. R. D.Verma record medical history. Dr. Shambhu and Dr. Subhash did not record any medical history of patient either.

8. Biomedical waste disposal protocol followed?

Name	Protocol
Dr. Shambhu	NO
Dr. Gautam	NO
Dr. Sushila	NO

Dr. Subhash NO

Dr. R.D.Verma NO

None of doctors follows biomedical waste disposal protocol.

9. Do you follow sterilization?

Name	Sterilization
------	---------------

Dr. Shambhu	YES
-------------	-----

Dr. Gautam	YES
------------	-----

Dr. Sushila	YES
-------------	-----

Dr. Subhash	NO
-------------	----

Dr. R.D.Verma	YES
---------------	-----

Dr. Subhash do not follow sterilization while rest of the doctors follows sterilization.

10. What method of sterilization followed?

Name	Sterilization
------	---------------

Dr. Shambhu	Boiling
-------------	---------

Dr. Gautam	Boiling
------------	---------

Dr. Sushila	Autoclave
-------------	-----------

Dr. Subhash	No
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Dr. R.D.Verma	Dettol
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Only Dr. Sushila uses proper sterilization method (i.e. Autoclave), Dr. Shambhu and Dr. Gautam use only boiling to sterilize instruments. And Dr. Subhash does not use any sterilization method.

11. Personal protection equipment's used?

Name            Equipment's

Dr. Shambhu    YES

Dr. Gautam     NO

Dr. Sushila     YES

Dr. Subhash    YES

Dr. R.D.Verma  NO

Dr. Gautam and Dr. R.D.Verma do not use personal protection while handling patient. Rest of the doctors uses personal protection.

12. How many years of practicing in this present area?

Name            Years

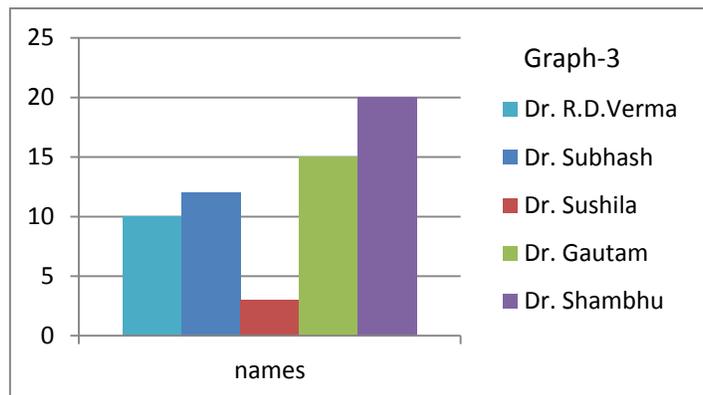
Dr. Shambhu    20

Dr. Gautam     15

Dr. Sushila     3

Dr. R.D.Verma  10

Dr. Subhash    12



We can see from the given graph [Graph No 3] that Dr. Shambhu is practicing in present areas since 20 years, Dr. Gautam since 15 years, Dr. Sushila since 3 years, Dr.Subhash since 12 years, Dr. R.D.Verma since 10 years.

## **Limitation**

- Few clinics were not open or the doctor was not available during OPD hours (morning)
- Not all doctors were qualified enough or registered under the medical council
- Clinics were not disinfected
- Doctors were not found to be competent enough to handle cases when questioned
- 3 Out of 5 clinic did not have any board or Doctor's name outside of the clinic which made it difficult to locate them

## **Interpretation**

- Some doctors were not qualified enough and lacked minimum educational requirements to practice as medical practitioners
- They were seen not following proper biomedical waste disposal protocols and were disposing infected needles and syringes in nearby dustbins
- They were not following proper sterilization methods
- They were not competent enough so they were seen refusing complicated cases to higher institutions and hospitals
- Few of them did not care much to record the medical history of patients or monitor their Blood pressure, sugar level also
- Few doctors prescribed allopathic, homeopathic and ayurveda medicines as well
- Not many have a habit of using facemasks, gloves for their own protection
- None of them had any diagnostic facilities present in their clinic

## **Key suggestions**

- Only those doctors who are registered should be made to practice
- They should themselves be aware of the importance of sterilization and autoclave sterilization method should be followed
- These doctors should be more aware of the healthcare services, treatment and their impact on the patients
- Disposal of infected needles or syringes should be done by breaking or burning the needle and then disposing these in color coded bags as per the protocol

- Medical history recording is a must and should be practiced by all doctors as it can further lead to less complications in future and faster healing and can prevent any unwanted drug reaction
- Personal protection equipments like facemasks, gloves should be made compulsory in order to protect themselves of infections

## **Conclusion**

Results from the survey indicate that all were unqualified doctors without having proper knowledge regarding health and health related issues. Also all of them do not have diagnostic facilities and refer patient for diagnosis to government hospital. They do not follow biomedical waste disposal protocol and proper sterilization method. They do not use personal protection equipment's while handling patients.

From the above data we can conclude that these unqualified doctor are treating not accordingly with established procedure

**Notes:**

**Quacks (jhola chaap):** Unqualified practitioners posing as qualified doctors, and who administer potentially dangerous treatments to patients.

**Autoclave (Method of sterilization):**

It is a machine that uses pressure and steam to reach and maintain a temperature that is too high for any microorganisms or their spores to live. Temperature attained is 121 degree Celsius for 15 minutes.

**Biomedical waste protocols:**

Wastes are segregated and collected in color coded bags

**YELLOW BAGS-** Infectious wastes, bandages, cotton, any object in contact with body fluids.

**RED BAGS-** Infected Injections, syringes, I.V. bottles

**BLUE BAGS-** All types of glass bottles, broken glass articles, discarded medicines.

**BLACK BAGS-** Needles, blades, sharp and all metal articles.

**Annexure**  
**Questionnaire**

1. Name\_\_\_\_\_
2. Age\_\_\_\_\_
3. Qualifications\_\_\_\_\_
4. Years of experience in providing medical facilities\_\_\_\_\_
5. Any area of specialization\_\_\_\_\_
6. Are you a licensed practitioner? Yes\_\_\_\_\_ No\_\_\_\_\_
7. What is your registration number?\_\_\_\_\_
8. What are your OPD timings?\_\_\_\_\_
9. What all services do you provide/treatments?

\_\_\_\_\_

\_\_\_\_\_

10. How many patients do you see daily?\_\_\_\_\_
11. What all diagnostic facilities do you have?

\_\_\_\_\_

12. Where do you send patients for diagnostic procedures like x-rays, ultrasounds, sugar level, diabetes etc.\_\_\_\_\_
13. Do you call your patients for follow ups?

Yes\_\_\_\_\_ No\_\_\_\_\_

14. How do you handle complicated cases?
- \_\_\_\_\_
- \_\_\_\_\_

15. Any complications ever occurred during treatment?

Yes\_\_\_\_\_ No\_\_\_\_\_

If yes, what type\_\_\_\_\_

16. Any trauma cases treated?

Yes \_\_\_\_\_

No \_\_\_\_\_

If yes, how did you manage them

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17. What all medicines do you prescribe?

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18. What do you do with the expired set of medicines?

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19. Do you record any medical history of patients?

Yes \_\_\_\_\_

No \_\_\_\_\_

If yes, then what all? \_\_\_\_\_

20. Do you have the facility of any other visiting doctor or consultant or Lady doctor in your medical centre? Yes \_\_\_\_\_ No \_\_\_\_\_

21. Do you sterilize instruments?

Yes \_\_\_\_\_

No \_\_\_\_\_

If yes, how often? \_\_\_\_\_

22. What method of sterilization do you follow?

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23. Have you ever referred any case to the nearest hospital or any other such medical facilities?

Yes \_\_\_\_\_

No \_\_\_\_\_

24. Where do you dispose biomedical wastes?

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25. Where do you dispose infected needles and syringes?

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26. How do you protect yourself from infection in clinic?

e.g. using personal protection equipment like mouth masks, gloves, head caps \_\_\_\_\_

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27. How long have you been providing medical facilities through your clinic in this area?

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28. Have you ever come across any patients having?

1. TB
2. HIV/AIDS
3. Malaria
4. Dengue
5. Chickengunia
6. Japanese encephalitis
7. Pneumonia
8. Diarrhea
9. Jaundice

29. Any case of child or maternal mortality happened in last six months?

Yes \_\_\_\_\_

No \_\_\_\_\_