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# Report on Practice School (PT-781)

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Report Submitted to

**Maulana Abul Kalam Azad University of Technology**  
(Formerly West Bengal University of Technology, Kolkata West Bengal)

In partial fulfillment of the requirements for the degree of Bachelor of Pharmacy



**Netaji Subhas Chandra Bose Institute of Pharmacy**

Tatla, Chakdaha, Nadia, West Bengal

2022

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Name of the Hospital : **Katwa Subdivisional Hospital**

Address of the Hospital : **Katwa, Purba Bardhaman, 713130**

Name of the Registered Pharmacist : **Mr. Shyamal RayChaudhary**

His Pharmacist Registration Number : **A1857**

Duration of Pharmacy Service : **150 hours**

# Acknowledgement

First and foremost, I'd like to express my deep sense of gratitude to our Principal sir **Dr. Arnab Samanta** for his invaluable encouragement and motivation.

I honestly acknowledge the blessings of our HOD of Pharmaceutics **Dr. Sudipta Das** sir who has supported me from early stage to the final submission of my Pharmacy Practice training report.

Also thanks to my guidance **Mr. Shyamal RayChaudhary**, whose love and guidance directly helped me to gain hands-on practical skills in pharmacy.

Above all, thanks to everyone who directly or indirectly supported me to fulfill my training in Katwa Subdivisional Hospital .

I thank God for providing me with all the sources to reach this.

**Chiranjit Ghosh**

**18th November 2022**

# Guidelines for Training in Pharmacy (Hospital)

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## Medication Order

- ODAC - Mostly ppi, domperidone etc
- ODPC - Drotaverine, antioxidants, vitamins B complex etc
- BDAC - Famotidine, Ranitidine, Metformin etc
- BDPC - Diclofenac, Ibuprofen, Paracetamol etc
- TDS - Ambroxol, Salbutamol (syrup) etc
- HS - Alprazolam, Cetirizine etc
- 8 am / 8 pm - Amlodipine, Teneligliptin etc
- Other - Fluconazole ( weekly) , Albendazole ( 1 day then after 14 days) Benzyl Benzoate ( First 1,2,3 day at night whole body except head)

## Dispensing of Drug

- Proper safety precautions to prevent contamination
- Communication should be understandable for patients
- Receiving and reading of prescription
- Checking the drugs and dose of individual patient
- Dispensed the medicine with medication order
- Taking feedback from patient ,whether he /she understood or not
- Clarify of all doubt to encourage for taking medicine

## Administration of the Drugs to the patients

- **Topical** - mostly ointment, lotion, cream etc
- **Oral** - Tablet, Capsule, Syrup
- **Inhalation** - MDI
- **Parenteral** - Insulin, ARV

## Patients Counseling

- Same language verbal communication
- To recognize the importance of medicine
- To encourage the patient to effective and active participant for taking medicine
- Verification of patients understanding through feedback

- Aware of side effects

## Medication Errors

**Mistake :** A patient was prescribed Povidone Iodine **ointment** by a surgeon, But unfortunately we had dispensed Povidone Iodine **Lotion**

**Taken step :**

- We got our mistake after re-watch the prescription
- Then gone to doctor to discuss
- Exchange the lotion by ointment of dispensed order

## Storage of Drugs

- In hospital pharmacies, drugs are generally stored in a well manner and in a good clean place.
- There is a separate storage area besides our counter . Here we can find our desired drugs in the easiest way possible. The walls and ceiling of the store are built well so that it can protect the drugs from sunlight, moisture.
- The pharmacy room already has two freezes for those drugs which have to be kept at a lower temperature like insulin.
- All the drugs are stored alphabetically in the store room and in the pharmacy counter we arranged them as their use to dispense.
- Some types of drugs are stored in different areas or in closed areas because of their adverse effects.

## Ward stock Management

- A well-arranged store enables easy identification of drugs and saves time when picking a drug for dispensing .
- This helps remove drugs quickly and makes for easy inventory control.
- The rule of first in first out should be applied.
- Drugs that were received first should be used first except where the new stock has shorter expiry dates than the old stock.
- Refrigerators should be needed for storage of some drugs.

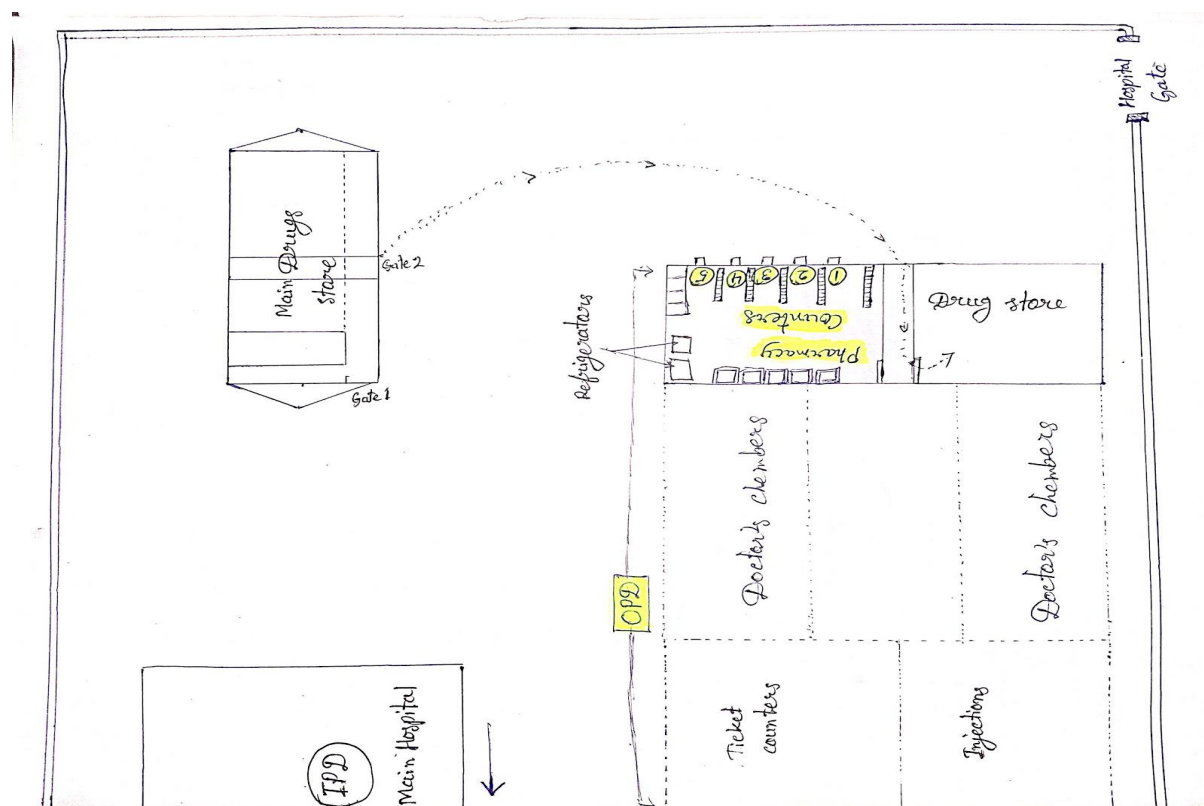
## Medicines Supplied from the Drug Store

Serial No.	Category	Drugs
1.	Analgesic, antipyretic, NSAIDs	<ul style="list-style-type: none"> <li>• Tab. Aspirin 75 mg</li> <li>• Diclofenac gel</li> <li>• Tab. Diclofenac Sodium 50mg</li> <li>• Tab. Ibuprofen 400mg/200mg</li> <li>• Cap. Mefenamic acid 250mg</li> <li>• Tab. Paracetamol 500mg /650mg</li> <li>• Tab. (Aceclofenac + Paracetamol) = Ibuprofen 400mg</li> </ul>
2.	Proton pump inhibitors	<ul style="list-style-type: none"> <li>• Tab. Pantoprazole 40mg</li> <li>• Cap. Omeprazole 20mg</li> <li>• Tab. Rabeprazole 20mg</li> <li>• Tab. Famotidine 20mg</li> <li>• Tab. Ranitidine 150mg</li> </ul>
3.	Antacid	<ul style="list-style-type: none"> <li>• Tab. Sodium bicarbonate 500mg</li> <li>• Sodium citrate</li> <li>• Tab. Aluminum hydroxide</li> <li>• Magnesium hydroxide</li> <li>• Tab. Calcium carbonate 500mg</li> <li>• Magnesium trisilicate</li> </ul>
4.	Antibiotics	<ul style="list-style-type: none"> <li>• Cap. Amoxicillin 250mg/500mg</li> <li>• Tab. Metronidazole 400mg</li> <li>• Tab. Azithromycin 250mg / 500mg</li> <li>• Tab. Ofloxacin</li> <li>• Tab. Moxifloxacin</li> <li>• Tab. Ciprofloxacin 500mg ( Canon 500)</li> <li>• Tab. Norfloxacin 400mg</li> <li>• Tab. Cefpodoxime 200mg /oral suspension (Aricepo dry syrup)</li> <li>• Tab. Doxycycline</li> <li>• Ointment. Fusidic acid</li> <li>• Tab. cefuroxime axetil 500mg</li> <li>• Tab. Tinidazole 500mg</li> <li>• Sodium Fusidate cream</li> </ul>
5.	Antifungal	<ul style="list-style-type: none"> <li>• Tab. Fluconazole 150mg</li> <li>• Cap. Itraconazole 100mg</li> <li>• Ketoconazole</li> <li>• Terbinafine cream</li> <li>• Miconazole nitrate cream</li> <li>• Clotrimazole cream</li> </ul>

6.	Anthelmintics & Ectoparasitocides	<ul style="list-style-type: none"> <li>● Albendazole oral suspension</li> <li>● Tab. Albendazole</li> <li>● Mebendazole</li> <li>● Tab. Ivermectin 6mg</li> <li>● Permethrin cream</li> <li>● Benzyl benzoate</li> </ul>
7.	Drugs used in Constipation & Diarrhea	<ul style="list-style-type: none"> <li>● Tab. Bisacodyl ( 5mg)</li> <li>● Lactulose syrup</li> <li>● Pre &amp; probiotics [capsules, granules]</li> <li>● Tab. Ciprofloxacin 500mg (Canon 500)</li> <li>● Tab. Norfloxacin</li> <li>● Tab. Ofloxacin</li> <li>● Tab. Metronidazole</li> <li>● Tab. Drotaverine</li> <li>● Tab. Dicyclomine</li> </ul>
8.	Antioxidants & Vitamins	<ul style="list-style-type: none"> <li>● Cap. Antioxidants</li> <li>● Multivitamin with Zinc</li> <li>● Tab. Vitamin D</li> <li>● Vitamin D3 oral drop</li> <li>● Tab. Vitamin B complex</li> <li>● Tab. Zinc Sulphate dispersible 20mg</li> </ul>
9.	Antiallergics	<ul style="list-style-type: none"> <li>● Tab. Cetirizine 10mg</li> <li>● Tab. LevoCetirizine 5mg</li> <li>● Fexofenadine</li> <li>● Chlorpheniramine</li> </ul>
10.	Antiemetics	<ul style="list-style-type: none"> <li>● Tab. Domperidone</li> <li>● Ondansetron syrup</li> <li>● Dexamethasone ointment</li> <li>● Tab. Domperidone + Pantoprazole = Pan D</li> <li>● Tab. Ondansetron</li> </ul>
11.	Anti Asthmatic	<ul style="list-style-type: none"> <li>● Tab. Montelukast</li> <li>● Ipratropium</li> <li>● Theophylline + Etophylline = Deriphyllin</li> <li>● Tab. Salbutamol / Syrup</li> <li>● Tab. Prednisolone</li> <li>● MDI. Levosalbutamol sulfate + Ipratropium Bromide Inhalation ( Suliprair L 20 HFA inhalation)</li> <li>● Budesonide inhaler</li> </ul>
12.	Anti diabetics	<ul style="list-style-type: none"> <li>● Tab. Voglibose 0.3mg</li> <li>● Tab. Teneligliptin 20mg</li> <li>● Tab. Metformin hydrochloride 1000mg/500mg</li> <li>● Tab. Glimepiride 2mg</li> <li>● Tab. Linagliptin</li> <li>● Tab. Vildagliptin 50mg ( Galvus 50mg )</li> </ul>

13.	Anti hypertensive	<ul style="list-style-type: none"> <li>• Tab. Chlorthalidone [Lupiclor]</li> <li>• Tab. Telmisartan 40mg/80mg [Telso 80]</li> <li>• Tab. Atenolol 50mg</li> <li>• Tab. Amlodipine</li> <li>• Metoprolol</li> </ul>
14.	Steroidal drugs	<ul style="list-style-type: none"> <li>• Tab. Prednisolone (10mg)</li> <li>• Betamethasone</li> <li>• Dexamethasone</li> <li>• Fusidic acid ointment</li> <li>• Tab. Methylprednisolone 4mg</li> </ul>
15.	Ophthalmic	<ul style="list-style-type: none"> <li>• Carboxymethylcellulose</li> <li>• Ciprofloxacin</li> <li>• Moxifloxacin</li> <li>• Chloramphenicol</li> </ul>

## Layout of the Drug Store



## CONCLUSION

I have worked on Katwa SDHospital, West Bengal as a trainee in the Out Patient Department under the guidance of **Mr. Shyamal RayChaudhary** ( Pharmacist ).

During my project I have learned a lot of things. I collected various data on the basis of the OPD department. I also came to know about various factors associated with this, I came to know about various different rules and regulations as well as some of the procedures of a particular department.

All the management team and the employees, technicians and nurses coordinate with me very well and they help me a lot during my training period.

I shall be grateful if this study and findings prove beneficial to the hospital services anyway.

## REFERENCES

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