

OR CAUSE HARM, IF NOT  
BEFORE YOU LEAVE..... PLEASE  
BE SURE YOU UNDERSTAND ALL  
DIRECTIONS IN HOW TO TAKE YOUR  
MEDICATIONS.  
IF THERE ARE ANY QUESTIONS ABOUT  
YOUR MEDICINES OR ILLNESS, FEEL FREE  
TO TALK TO OUR PHARMACIST.

प्रिस्क्रिप्शन  
PRESCRIPTIONS



PATIENT COUNSELLING AR  
FREE BLOOD PRESSURE C

# DISPENSING PHARMACY

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# INTRODUCTION

- **dispense Definition**
- **dis·pense** (di spens')
  1. to give or deal out; distribute
  2. to prepare and give out (medicines, prescriptions, etc.)
  3. to administer *to dispense the law justly*
  4. to exempt; excuse
- Dispensing is that part of the practice of pharmacy in which the pharmacist or a pharmacy technician under his supervision interprets the doctor's requirements for the drug treatment of his patient.

# General dispensing procedure

- Work on your own
- Wear freshly laundered overall coat
- Provide your self with a clean materials like glass cloth, duster, sponge etc
- Work in clean tidy manner
- Read the prescription carefully
- Check the doses of internal preparations
- Work out your calculations
- Check the labels and fix them in a container
- Wrap the container
- Make the appropriate records

# Prescription

- A prescription is an order from a doctor, dentist or veterinary surgeon for the supply of medicines dressing or surgical appliances to a patient .

# It contains following information

- The patient name and address
- The prefix Rx
- The Name and quantity of medicaments to be supplied
- Instructions for the patient
- Prescribers signature and address
- Date on which prescription is written

# Types of Dispensed Preparations

- Aerosols
- Applications
- Cachets
- Capsules
- Collodions
- Creams
- Draughts
- Dusting powder

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- The background features a repeating pattern of stylized suns and human ears. The suns are yellow with white outlines and are set against a light blue background. The human ears are white with yellow outlines and are set against a light blue background. The pattern is arranged in a grid-like fashion, with suns and ears alternating in a repeating sequence.
- Ear drops
  - Elixirs
  - Emulsions
  - Enemas
  - Gargles
  - Gels
  - Granules
  - Effervescent Granules
  - Inhalations
  - Insufflations
  - Irrigations

- Linctuses
- Liniments
- Lotions
- Lozenges
- Mixtures
- Mouth washes
- Nasal drops
- Anointments
- Pediatric drops



- Paints
- Pastes
- Pastilles
- Passerines
- Pills
- Poultices
- Powders
- Solutions
- Solution tablets
- Sprays
- Suppositories
- Syrup
- Tablets
- Vitrellae

## Various activities involved in Dispensing are

Receiving and confirming order



Checking prescription and interpretation



Verifying and consulting if required



Removing medicines for issue and assembling



Billing and counter checking



Issuing medicines to the client with  
clear instructions and counseling

# Dispensing environment

- Prescription Counter
- Waiting Area
- Requirements of a good dispensing environment
- Barriers, noise and distractions that can affect dispensing

# Prescription counter



# Waiting Area



# Requirements of a Good Dispensing Environment

- Be clean
- Be organized
- Have sufficient space
- Temperature and humidity controlled
- No loud music playing, gossiping, talking, or television (e.g. a cricket match or a movie)
- Have medicines stored in an organized way on shelves in alphabetical order or using the method normally employed in that particular pharmacy.

# Barriers, Noise and Distractions that can Affect Dispensing

## Barriers:

- Physical positioning of the prescription counter.
- Elevated working areas (high counters).
- Glass enclosures (like banks, making talking through glass difficult).
- Multiple counters.
- Complexity of the patient's regimen.
- Education of the patient.

# Noise

- Sound systems (music, radio)
- TV (sports, movies, news)
- Screaming children
- Printers
- Proximity to the roadside(traffic), railway tracks, noisy workplace or machinery nearby
- Telephone not answered quickly
- Loud talking on telephone



# Distractions

- Frequent interruptions by telephones
- Non-health conflicting services being provided in the pharmacy. Eg. Telephone booth, photocopying etc.
- Friends/visitors coming to meet staff

# Handling of Prescriptions

- Receiving the prescription
- Reading the prescription and checking for
  - A. Legality
  - B. Legibility
  - C. Completeness and correctness

# Receiving the Prescription



## Do's

While reading and checking the prescription, the pharmacist Should--

- Be alert, and concentrate on the prescription.
- Not be distracted
- Not engage in talking & chatting

# Reading The Prescription And Checking For Completeness And Correctness



# ***A. Legality***

***A prescription is legal when :***

- *It is written (can also be typed) by a R.M.P.*
- *Signed by the R.M.P.*
- *Has all the information required to be contained with respect to parts of prescription.*

# **PARTS OF THE PRESCRIPTION.**

**Name, Address, Qualifications and Registration number of prescriber**

**Date**

**Name & address of patient**

**Superscription**

**Inscription**

**Subscription**

**Transcription**

**Doctor 's Signature**

## ***Superscription:***

- The 'Rx' symbol is called the superscription. It is used as an abbreviation of the Latin word recipe,
- which means, “Take thou” or “you take”, the imperative form of the Latin word recipio, i.e, “I take”.

## ***Inscription:***

- *Inscription is the part of the prescription that comprises of a list of medicines and their strengths.*
- *E.g. Daonil 5 mg, Novamox 250 mg.*

## ***Subscription:***

- This part of the prescription consists of directions given to the pharmacist with respect to the dosage
  - form and the number of dosage units/quantity to be supplied.
- E.g. Tab. Calcium ---- (50) [Means dispense 50 tablets of calcium]
- E.g. Liq Digene-----1 bottle

## **Signatura /*Transcription*:**

- Signatura refers to the directions given by the doctor to the patient. In this portion, the physician indicates to the patient, how he/she should take the prescribed medicine/s. The directions are usually representative/caretaker can read and understand. For example, 'Take 1 teaspoonful three times a day.'



## ***B. Legibility***

- Legibility is a problem requiring alertness and critical judgment on the part of the pharmacist.
- Careless handwriting and similarity in spelling of names of different drugs add to the difficulty.



Excuse me.  
Is the first  
name June  
or Jane?

# ***Example of a Reading error***

- *Arlidin and Artidin - Due to illegible handwriting of doctors, Artidin could be read as Arlidin. Artidin is a brand containing Diclofenac whereas Arlidin contains Nylidrin two different drugs used for two different conditions.*
- When handwriting is illegible, the best thing to do is to contact the physician over the phone and confirm.
- Remember, you are dealing with medicines and thus, the lives of patients so be sure of what you are dispensing. Imagine the disastrous consequences of dispensing the wrong medicine.

# Details to be checked for

*i) Physician's details.*

*ii) Patient's details.*

*iii) Check the product details*



Checking the product details will include checking :

- Name of the product.
- Dosage form.
- Strength/ potency of the medicine.
- Total amount to be dispensed and its availability.
- Dosage and directions for use.
- Frequency of administration.

# Dispensing Cycle

Receive & confirm

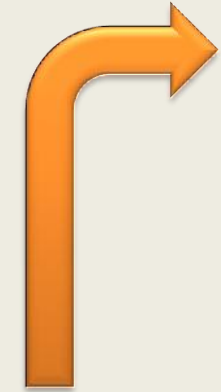
Check prescription & interpret

Verify & consult if required

Remove & assemble medicines

Counsel & supply

Record & endorse



# Advantages of a good dispensing environment

- Reduces dispensing errors.
- Reduces fatigue among pharmacy staff.
- Enhances services.
- Improves the image of the pharmacy.
- Creates a professional image.

**thank u**