

Introduction of Hospital Pharmacy

Unit - 1

* What is Hospital -

- Hospital एक complex organisation है।

Unit - 1 Complete

* What is Pharmacy →

Pharmacy word का मतलब है
Pharmacology - means - medicine / drug.

Hospital Pharmacy || D Pharm 2nd Year

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Unit-1

* What is Hospital -

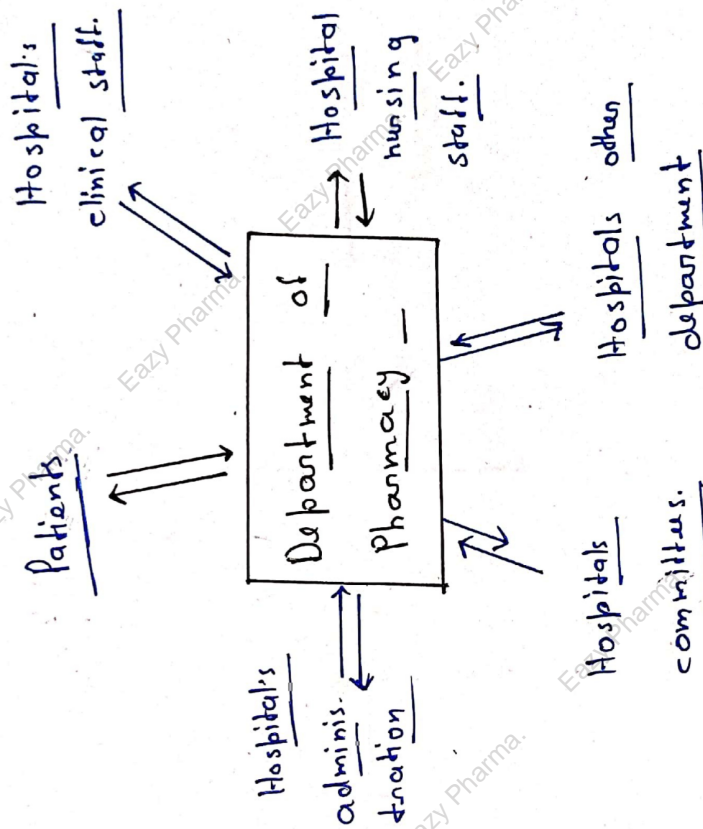
- Hospital is complex organisation
என்பது
- It is an institution that provides health care and education
இது ஒரு நிறுவனமாகும், ஆரோக்கியப் பராமரிப்பு மற்றும் கல்வியை வழங்குகிறது
- Hospital is different types of diseases and treat many
பெரிய நோய்களின் சிகிச்சை மற்றும் மருந்துகளை வழங்குகிறது

* What is Pharmacy →

- Pharmacy word of Greek word is Pharmacia
பார்மாசியா என்ற சொல் கிரேக்க சொல்லான பார்மாசியா (Pharmacia) என்பதிலிருந்து வந்தது
- Pharmacia means - medicine/drug.
பார்மாசியா என்பது மருந்துகளைக் குறிக்கிறது
- Pharmacy Pharmacology and its branch என்பது மருந்துகளின் சேகரிப்பு, தயாரிப்பு, சேமிப்பு மற்றும் வितரம் ஆகியவற்றை உள்ளடக்கியது

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*** Hospital Pharmacy -**

*** Definition →**

- Hospital Pharmacy Hospital or a specialised department in a hospital
- It is medicines and storage, procurement, compounding, dispensing and distribution of quality drugs done by a pharmacist under the direction of a hospital committee

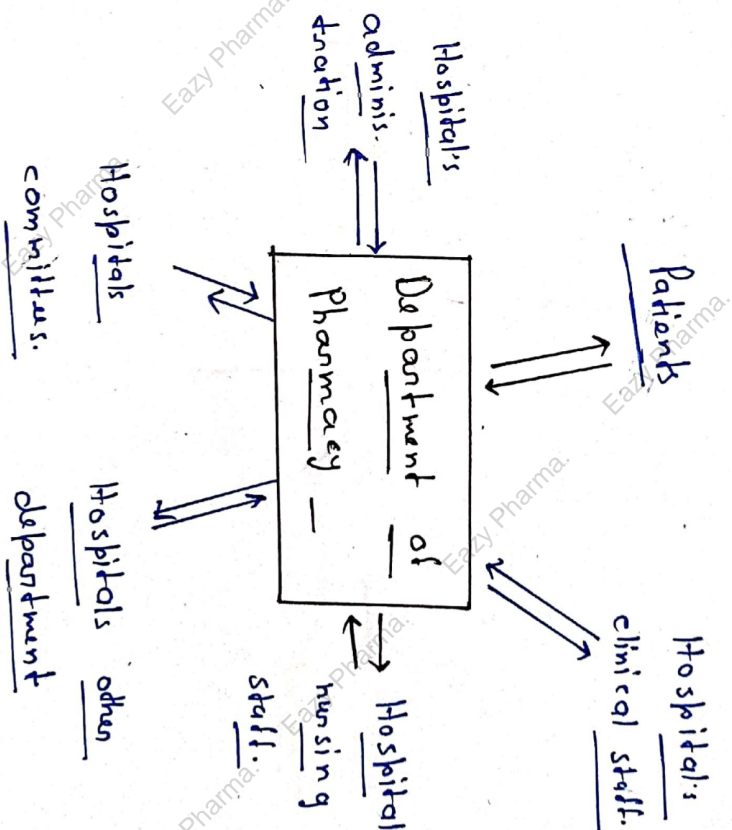
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* Hospital Pharmacy -

* Definition →

- Hospital Pharmacy Hospital or specialised department either in/ near medicines or storage, procurement, compounding, dispensing or distribution or qualified Pharmacist or under the direction and control



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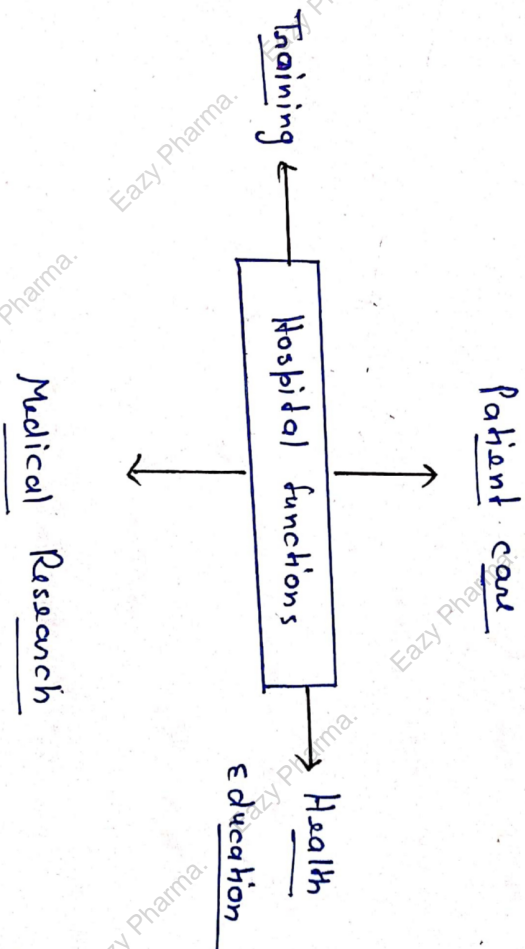
* scope of Hospital Pharmacy →

• starts following scope of ...

- 1) Patients & disorder
- 2) Drug selection
- 3) Drug information and action.
- 4) Medication therapy management.
- 5) Drug evaluation.
- 6) Drug distribution.
- 7) Training programs.

etc...

* functions →



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National And International Scenario of Hospital Pharmacy

- World ke third largest group health care professionals are pharmacist ke niche last ten year ke amil growth hai hai
- conventionally gar baar all pharmacist are work only drugs are dispensing and manufacturing hai hai

- But nowadays pharmacist are role increase (develop) ke kar ke pharmacist patient care ke kar ke role kar ke kar hai

- Pharmacy profession grow ke develop Nations ke Industrialised Nations ke maximum hai
- Develop countries ke pharmacist - st ke role clearly defined

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Role of pharmacist

Role -

- counselling.
- Provide information about medications
- Advices for lifestyle.
- Drug use administration
- Drugs of dose, storage, side-effects of advices etc...

- Doctors of responsibility of reduce cost of drug and standard of care and enhance cost of drug



many industrialised countries

like - Australia, United Kingdom,

and United states of

Pharmacist of prescription

write of permission of DR

• Unlike India of community

pharmacist of permission of DR

of

• Like United Kingdom of countries

of pharmacist of some diseases

of drug medication prescriber

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असल allow है।

• India में Pharmacist Patient

care में उस गैर Role

ग्राहक से संबंध है but

उसके लिए में challenging

है।

• clinical Pharmacist में Roles

असल clean करे है। but

में different areas में

असल Role ग्राहक से संबंध है।

etc...

Complete

Thank you 😊

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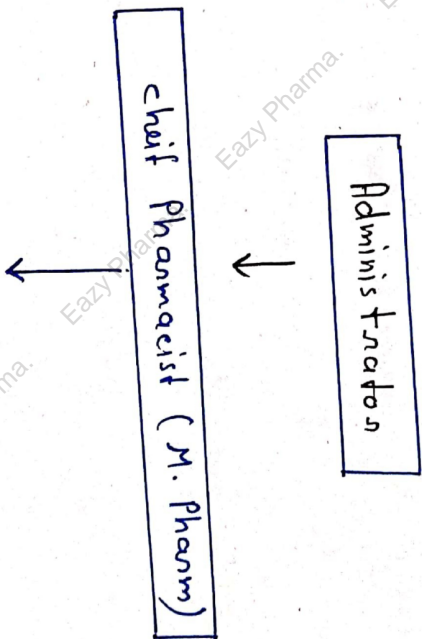
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Organisational structure of Hospital Pharmacy

- Hospital Pharmacy of many divisions
ज्या -
 - Compounding and dispensing.
 - Manufacturing or production
 - Quality control, Research, education, training, administration etc.
- Chief Hospital Pharmacist Pharmacy
अन्तः प्रमुख एजेंट

- Small Hospital administration and support एजेंट
- Small Pharmacy and simple organisational structure एजेंट

ex - Primary health centre.

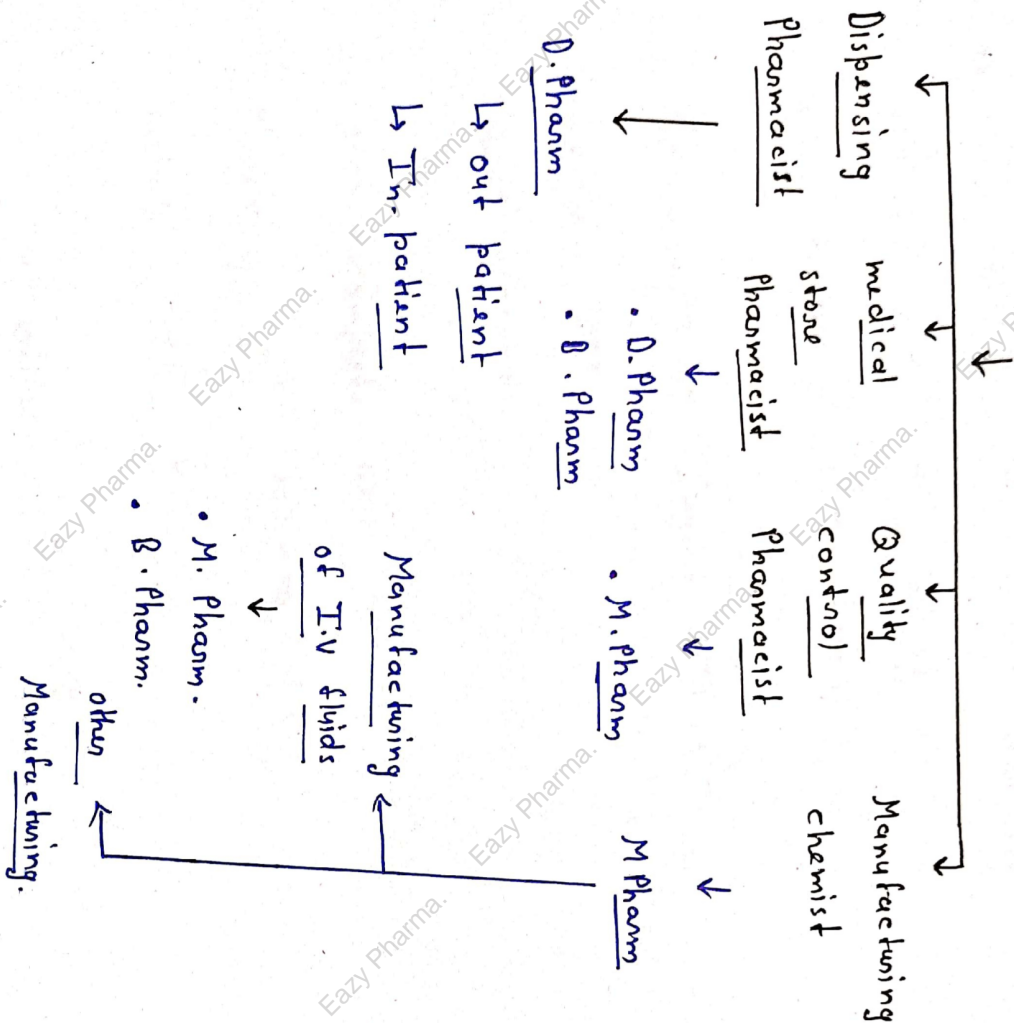


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* Location of H.P →

- Pharmacy building or 1st floor or 2nd floor
- in the various departments of services easily visible
- or near
- near Hospital or out-patient service or 1st or 2nd floor Pharmacy or near street

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- In a multi-pharmacy hospital, every floor has a pharmacy.
- Pharmacy layout should be such that the flow of men and materials is easy.
- A complete unit hospital pharmacy should include the following areas:
- Office of the chief.
 - Out-patient dispensing unit.
 - Bulk compounding area.

- Packaging and labelling area.
 - Alcohol and volatile liquid area.
 - Cold storage area.
 - Narcotic vault.
 - Waiting room.
 - Store room.
 - etc...
- * Layout of H.P. →
- Pharmacy and layout are not work and functions considered areas.

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Prepara (Ghrit) Ghrit Unit 1/

• Sertant layout, personnel, inventory

movement etc on exit of

व्याज घृति घृति 1/

Layout -

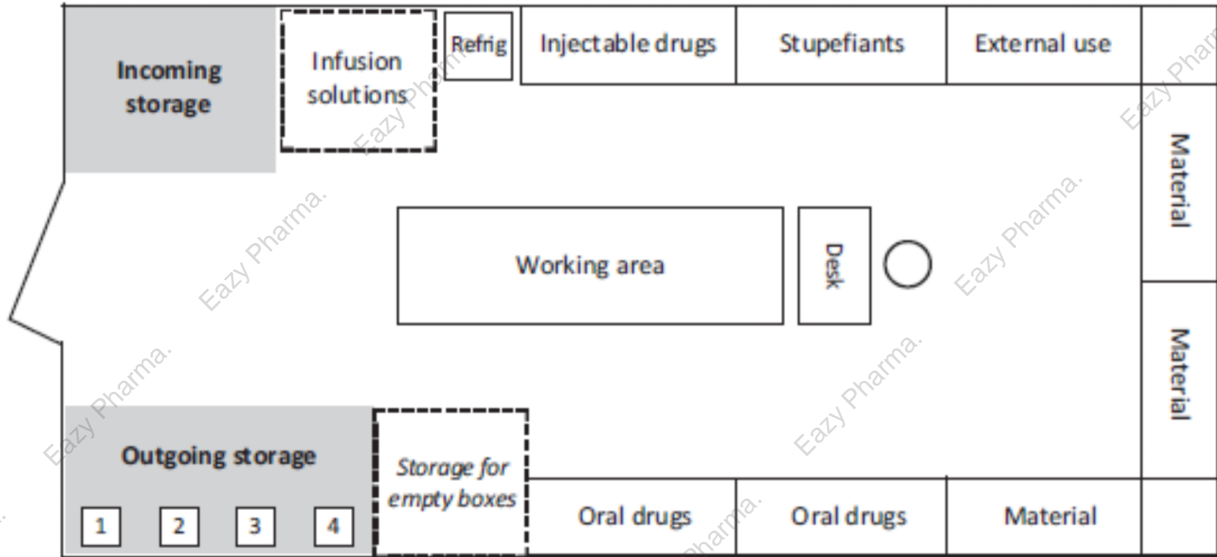
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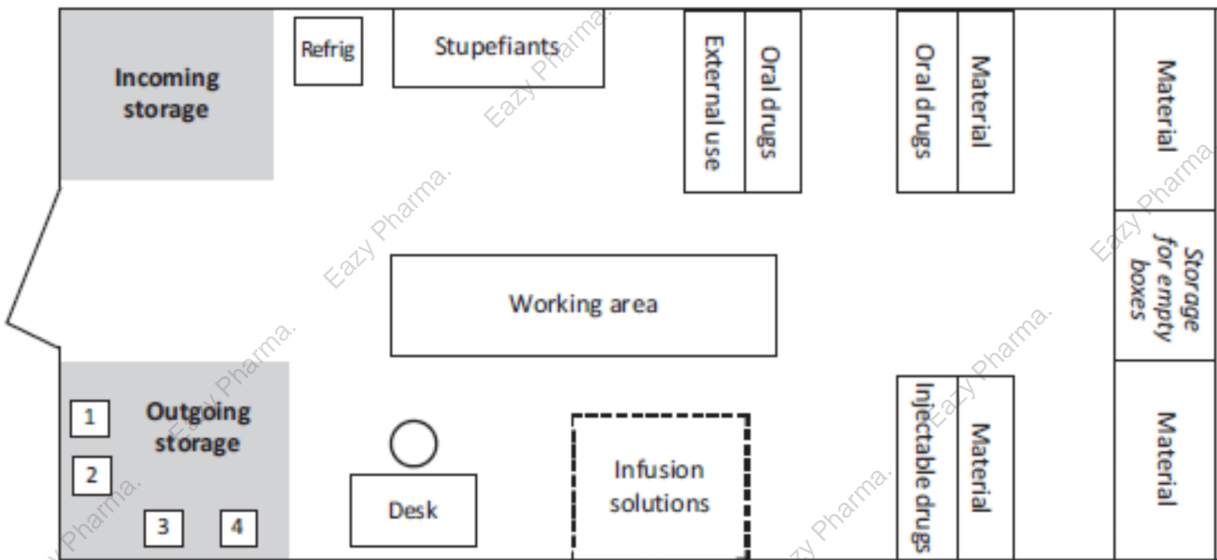
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Schema 1



Schema 2



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Hospital Pharmacist

- Hospital Pharmacist Hospital Pharmacy services are involved in public sector and private sector.
- Hospital Pharmacist drug dispensing, practice of medicines, purchase, manufacture, etc. of skilled and Hospital staff (graduate)

- 1) Professional responsibilities of H.P
 - 2) Qualification and experience requirements.
 - 3) Job specifications for H.P.
 - 4) Work load requirements for a H.P
 - 5) Inter-Professional Relationship of a H.P
- ① Professional responsibilities of Hospital Pharmacist →

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- Pharmacist are Responsibilities department are their vary and E -
- a) Hospital and therapeutic committee →
 - Pharmacist Hospital Pharmacy are very important member ए/दर E
 - committee of Pharmacist are Physician as ए/दर Second command ए/दर ए/दर E/दर
- Pharmacist are work drug as use are maximize and maintain
- b) Dispensing to IPD/OPD →
 - Pharmacist are drugs are dispensing are ए/दर need are ए/दर essential ए/दर ए/दर prescription diagnosis as according connect E ए/दर ए/दर
- c) Other Roles / Responsibilities →
 - Patient education
 - Training of Pharmacist

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- Dispensing of narcotic drugs.
 - Quality control.
 - Inventory control.
 - Record and maintain assets/
 - Drug related information.
 - Drug distribution.
 - Patient counselling.
 - etc...
- ② Qualification and experience requirements for a H.P →

- Chief Pharmacist or director
↓
minimum post-graduate
የተገተ ህወይት Pharmacy ትገ/
- Dispensing Pharmacist
↓
Minimum B. Pharm or B.Pharm
የተገተ ህወይት with experience.
- Manufacturing Pharmacist.
↓
B. Pharm የተገተ ህወይት with 18
months experience.

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- All Pharmacists legally qualified
എന്തെല്ലാം ചെയ്യും
 - Perfect knowledge എന്തെല്ലാം ചെയ്യും
 - Research ability എന്തെല്ലാം ചെയ്യും
 - Teaching ability എന്തെല്ലാം ചെയ്യും
etc...
- ⑤ Job specification for a H.P →
- Job specification is written statement എന്തെല്ലാം ചെയ്യും, Education, Qualifications, specific qualities, Level of experience etc or

- Responsibilities involved ഹെൽത്ത്
എ - like -
Personal health, mental health,
memory leadership skill, values
and ethics ഹെൽത്ത്
- Pharmacist responsible എന്തെല്ലാം ചെയ്യും
for → Drug dispensing.
→ Creating medication budget
→ storage medication

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④ Work-load Requirements for a H.P →

- Pharmacist work-load on quantity hospital services, and size will depend on it
- Pharmacist work requires on hospital work load and determine on our unit
- such as -
 - No of Received Prescription
 - quantity of beds

• Pharmacist on hospital in beds number on according unit

Bed strength	No of Pharmacist
UP to 50 beds	3.
UP to 100 beds	5.
UP to 200 beds	8
UP to 300 beds	10
UP to 500 beds	15

- Drug information provide etc

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⑤ Inter-Professional Relationship

of I.P.R.

• Hospital Pharmacist and relationship

Hospital में different staff के

सहय- ए/एट ए/

like- communication b/w Pharmacist

and doctors, nurses, patients

etc:-

• Pharmacist Hospital में स्रोत

positive relationship और है।

इतः--

complete

Good Pharmacy Practice
(GPP)

- * Definition →
 - Good Pharmacy Practice of an defined or standard - Pharmacy of practice
 - Pharmacists of practice areas every patients of good quality of service provide on every services of evidence based effort of

* GPP Pharmacists's Role following major Role organize and etc -

- 1) Medical products of prepare, obtain, store, secure, distribute, administer, dispense and dispose etc ... etc
 - 2) effective medication therapy provide etc
- * Aims → (39924)

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• GPP or main aim society / community or peoples or good drugs and other health care services provide or offer or give or provide

• or good Pharmacist community or peoples or diseases or related guidance provide or give or

* GPP requirements →

- 1) Premises / layout.
- 2) Furniture.
- 3) Documentation

- 4) Material
- 5) Inventory control
- 6) Storage condition.
- 7) Services.
- 8) Equipments

9) Layout → furniture -

• GPP or according Pharmacy or layout / Premises or peoples easily or

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3) Documentation →

- InPP of according Pharmacists and all necessary document up to date

like - Regulatory licenses, Registration etc...

3) Storage →

- InPP of according all medications
- ant - res - appropriate temperature
- ur - store - correct - cooler /
- like - cold temperature

• medium temperature

4) Services →

- InPP of according Pharmacist and quality and cost services provide correct
- cooler people and

etc...

* Role of Pharmacist in satisfying InPP requirements →

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- 1) Narcotic drugs or use of related information provide or not /
 - 2) Doctors / healthcare professionals or drugs of related information provide or not /
 - 3) Market of drugs of related up-to-date information provide or not /
 - 4) Pharmacy services or improve or not /
 - 5) Good quality or can provide or not /
 - 6) Drugs or Rational uses or improve or not /
 - 7) Diseases or control or prevention or of or advices or not /
- etc.....
- complete

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Hospital Pharmacy Standards

FIP (International Pharmaceutical Federation) Basel statements .

* Introduction →

• FIP is a global organisation &

of Pharmacy, Pharmaceutical and Pharmaceutical education and science.

- sent credit to.

• started in 1912 in Hague (Netherlands) in EC of

• started headquarter in Hague

• FIP is main firm world of Pharmacy and Pharmaceutical

science of Assist and represent credit to

* 2008 in was FIP conference

Switzerland in EC of



Pharmacist in world and Hospital Pharmacy in future

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* 2014 th bangkok th again ras-
conference of IMA th
statements include. Ras th th

* th statements Hospital Pharmacy
on following 6 areas of
cover and th -

- 1) Procurement.
- 2) Influences on Prescribing.
- 3) Preparation and delivery of medicine.
- 4) Administration of medicine.

- 5) Monitoring of Medication use.
- 6) Human Resources, training and development

1) Procurement (Gruh)

- Hospital Pharmacist medicine/ items of procurement th th involved th th Hospital Pharmacy th improvement th th
- th drugs of safety, quality and efficacy th th focus and th

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② Influences on Prescribing →

- Every Hospital's rec. local, regional or National drug formulary system are use and it directly treatment of linked of it
- It best available research are based of it
- So Hospital Pharmacist for drug prescribing it easier of it

③ Preparation And Delivery → (गर्भ और शिशु और बच्चों)

- Hospital Pharmacist's all medications storage, preparation dispensing, and distribution are In-charge of it
- ### ④ Administration of Medicine →
- Hospital Pharmacist are all are need for information required for drug safety administration available of point of care are /

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5) Monitoring of Medicines →

- Drugs to advance effect/side

effect of monitor error

Inter therapy of improve for

UTI रोग /

6) Human Resources, Training, and

Development →

- Hospital Pharmacists, health

authorities of रोग national

level of Hospital Pharmacy

of build and in Inter

people of quality care

provide of रोग /

especially

- especially Rural (ग्रामीण) areas में

drugs of use and promote

रोग UTI रोग /

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ASHP

American Society of Health system Pharmacy

* Introduction →

- ASHP is organisation & will all pharmacist and represent on all & /
- Pharmacist different areas in patients and can provide order / like - Hospital Pharmacist etc..

• An organisation consist 60,000 Pharmacist & members all & /

* Purpose of ASHP -

- Medication of use and safety and enhance and /
- Good Pharmacy services provide and /
- Effective treatment for /
- Drugs of adverse effect and reduce and / etc..

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- Production of knowledge.
- Packaging, Labelling, dispensing of knowledge etc.
- Dose calculation of knowledge
- Routes of administration of knowledge.
- etc.....

complete

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NQAS

National Quality Assurance standard
(Guidelines)

* Introduction →

- नई या पुराने organisation के
- सेक्रेटरी Ministry of health and family welfare के अन्तर्गत
- सरकारी अथवा निजी Aim peoples
- अथवा Public Hospital के trust
- increase अथवा

* Organisational structure →

① SQAC (State Quality Assurance Committee) →

- SQAC के स्तर state level
- organisation के अन्तर्गत policy
- decision, providing guidance etc
- अथवा परत responsible अथवा
- नई districts, QA initiatives अथवा
- monitor अथवा
- SQAC अथवा functional body
- SQAU अथवा

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② DQAC (District Quality Assurance) →

• DQAC is District level organization

• staff functional body (DABU) perform various duties

③ DISC (District family planning Indemnity sub-committee) -

• DISC is a supervised body of customers and claims and

complaints and handles and service providers against

④ DAT (District Quality team) -

• DAT only district hospital works and

department quality standard and

• NQAs are currently available →

- 1) District Hospitals
- 2) Community health centre.

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- 3) Primary health centre
- 4) Urban primary health centre.

NABH

National Accreditation Board
for Hospitals & Healthcare
Providers (Accreditation)

* Introduction →

- NABH was constituted Board
of Quality Council of India
(QCI) on 1997 to establish
National Accreditation
Board for Hospital

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- program will create and operate
- care of the health care organization of the
- set board will design for
- give to consumers and highly wanted need of provider
- care of the and care benchmarks set
- set board will all stakeholders
- like Industry consumers, government
- care of the supported
- with the

* Aim of NABH →

- self and external evaluation of process of meet
- National / International standards of base of
- patient safety and quality of health care to patients main
- aim of the

* Benefits of Accreditation →

- Patients will high-quality medical care and safety

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- Provide services and licensed medical personnel
- Patient's rights and values are protected
- Patient's satisfaction.
- of organization and help and dedication to providing high-quality treatment.

* NABH standards for Hospital

Pharmacy →

1) Legal Requirements →

- Pharmacy should be drug distribution
- Qualification certificate displayed
- Prescribed list available
- schedule X drugs are without prescription

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so you Registered Pharmacist
or prescription (for all)

- Schedule. H of drug or only

Registered Pharmacist or all

if prescribe for all

etc...

2) Medication Safety →

- Manufacturer drugs or related

Some parameter recommended

or of drugs or storage

or for, direction written on

pack.

- Personal items. Like food,

drinks and other items

refrigeration or self rest

all

- you High risk drugs

or list or available

or all

etc...

Unit-1

complete

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By Dr Firoz khan

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