



Ministry of Health Kenya

Expanding Access and Choice to Family Planning Services in Kenya

Pharmacists & Pharmaceutical Technologists' Training Package for Provision of Quality, Integrated Family Planning Services

**TRAINERS
MANUAL**

2019



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FOREWORD

The Ministry of Health is committed to ensuring provision of quality and integrated family planning services to all Kenyans. This is in line with the provisions enshrined in the Bill of Rights of the *Constitution of Kenya (2010)*, in Article 43 (a) which provides that ‘every person has a right to the highest attainable standard of health, which includes the right to health care services, including reproductive health care.’

Contraceptives use has increased over the years in Kenya. There has been an increase in the contraceptive prevalence for all methods among currently married women. The Total Fertility Rate (TFR) has declined to less than four as more women use voluntary family planning with Contraceptive Prevalence Rate (CPR) now estimated at 61% among married women.

It is already known that 10% of clients seeking family planning services obtain their method of choice from pharmacies (*KDHS 2014*), and that pharmacies are the single largest source of contraceptive pills. However, only about a third of Pharmacists have had comprehensive training on provision of family planning (*KURHI, KSDP Survey 2011*).

The Ministry of Health, therefore, deems it necessary to equip Pharmacist and Pharmaceutical Technologists with up-to-date knowledge and skills, in order for them to provide quality family planning services to clients seeking information and services from them. The development of this training package is the first step towards this objective.

This training package is intended to serve as a resource and guide to pharmaceutical personnel in both public and private sectors (including retail pharmacies) in the provision of family planning services. The training package consists of a trainers’ manual, a participants’ manual and a participants’ logbook. The trainers’ manual is a tool for facilitators to guide them throughout the training exercise to enable active learning by employing various adult learning techniques.

We believe that with this resource, Pharmacists and Pharmaceutical Technologists will acquire new knowledge and skills required to competently provide family planning information and services.



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UNIT 1

INTRODUCTION TO THE COURSE



Objectives:

By the end of the unit, the participants will be able to:

- Participate in self/group introductions and climate setting
- be introduced to the course outline, program and training approaches

- understand administrative arrangements for the course
- take course pretest and pre-skill assessment



Duration:

100 minutes

Unit Session Plan

Duration	Session	Methodology	Resources
10 mins	Welcoming remarks and self-introductions Climate setting <ul style="list-style-type: none">• Norms• Expectations• Leadership roles	Discussion, & Questions/clarification	Flip chart papers, Marker pens, Name tags
5 mins	Course outline, program and training approaches	<ul style="list-style-type: none">• Lecture• Discussions• Questions/clarification	PPT slides, course agenda, marker pens, flip charts
10 mins	Administrative arrangements Official opening	<ul style="list-style-type: none">• Lecture• Questions/clarification	Marker pens, flip charts
30 mins	Course pretest (Written)	<ul style="list-style-type: none">• Individual assignment• Questions/clarification	<ul style="list-style-type: none">• Printed questionnaires• Ball pens• Printed marking sheet
45 mins	Pre-skill assessment	<ul style="list-style-type: none">• Individual skills assessment• Observation• Individual scoring	Printed checklists, ball pens, humanistic models, placebos and medical supplies



1.0: Introduction to the course

1.1: Welcoming remarks

- Welcome participants to the course and lead a guided self-introduction session
- Facilitate group norm and course expectations session
- Guide the participants to select team leaders
- Introduce the course and course objectives

1.2: Course outline

- Using power point slides, explain the course outline, program and training approaches

1.3: Administrative arrangements

- Make announcements on logistics arrangements for the course to include
 - Total course duration
 - Expenses and out of pocket arrangements
 - Arrange and facilitate the official opening session by the relevant office

1.4: Pretest and pre-skill assessment

1.4.1: Pre-test

- Distribute printed course questionnaires
- Allow participants to take the written pretest question in 10 minutes
- Collect the questionnaires for marking

1.4.2: Pre-skills assessment

- Create 5 skills stations
- Assign one facilitator per practicum station
- Put participants into 5 groups of 5 participants each
- Assign each group one station for skills assessment
- Every participant will be observed and assessed as s/he demonstrates the assigned procedure individually within 5minutes
- Facilitators to observe and score each participant individually using the printed checklists
- The facilitators to submit all the score sheets to the lead facilitator for analysis



NOTE:

The lead facilitator to arrange for sharing of the pretest and pre-skills assessments results the following day.

UNIT 2

OVERVIEW OF FAMILY PLANNING IN KENYA

Objectives:

By the end of the unit, the participants will be able to:

- Define common terms used in family planning
- Understand the rationale for provision of FP in pharmacy
- Discuss the trends and disparities in Family planning Indicators across the country
- Describe the method mix for family planning methods available in the country



Duration:

45 minutes

Unit Session Plan

Duration	Session	Methodology	Resources
10 mins	Common terminologies in FP <ul style="list-style-type: none">• FP• TFR• CPR• mCPR• Unmet need	Brainstorming, Question and answer, Discussion. Lecture	Flip chart papers, Markers, Sticky notes, PPT, FP guidelines and training manuals
10 mins	Rationale for provision of FP in pharmacy		
15 mins	Trends in Family planning in Kenya (CPR, TFR, mCPR, unmet need)		
10 mins	FP method mix for Kenya		



2.0 OVERVIEW OF FAMILY PLANNING IN KENYA

2.1 Common terminologies in FP

- Introduce the unit on documentation, reporting, monitoring and evaluation
- Outline the unit objectives
- Facilitate a brainstorming session on the common terminologies in FP
- Present PPT slides defining each terminology
- Allow questions and clarification from the participants

2.2 Trends in Family planning in Kenya (CPR, TFR, mCPR, unmet need)

- Using PPT slides present the session on general trends in FP to include CPR, TFR, mCPR and unmet need
- The facilitator should provide overview of county specific FP trends (Depending on participating counties)
- Allow questions and clarification from the participants

2.3 FP method mix for Kenya

- Using PPT slides illustrate the method mix for FP in Kenya
- Facilitate a guided discussion on the method mix to include the most and least used contraceptive methods across the country
- Allow questions and clarification from the participants

UNIT 3

ANATOMY & PHYSIOLOGY OF THE HUMAN REPRODUCTIVE SYSTEM

Objectives:

By the end of the unit, the participants will be able to:

- Anatomy and physiology of the female reproductive systems
- The menstrual cycle
- Anatomy and physiology of the breast

- Anatomy and physiology of the male reproductive systems
- Process of fertilization and implantation



Duration:

60 minutes

Session plan

Duration	Session	Methodology	Resource
40 mins	<ul style="list-style-type: none">• The anatomy & physiology female reproductive system.• Menstrual cycle• The anatomy and physiology of the breast	<ul style="list-style-type: none">• Brainstorming• Group work• Illustrations	<ul style="list-style-type: none">• Flip charts• Marker pen• Male and female anatomical diagrams• Power Point slides• Participant manual
10 mins	<ul style="list-style-type: none">• The anatomy & physiology male reproductive system		<ul style="list-style-type: none">• As above
10 mins	<ul style="list-style-type: none">• The Process of fertilization and implantation	<ul style="list-style-type: none">• Lecturette• PowerPoint presentation	<ul style="list-style-type: none">• PP Slides• Video of fertilization and implantation



FACILTATORS NOTES

- The facilitator through brainstorming group work and illustrations help the participant to describe the anatomy and physiology of the female and male reproductive system
- The facilitator explains the session objectives
- The facilitator groups the participants and assigns activity
- The groups do the presentations
- Brainstorm on the parts and functions of the human breast
- The facilitator then summarizes with slide presentation



ACTIVITY

The facilitator divides the participants into to 4 groups

- **Group 1:** Draw, name and explain the functions of the internal and external female reproductive parts
- **Group 2:** With a well labelled diagram explain the menstrual cycle
- **Group 3:** Draw, name and explain the functions of the male reproductive parts
- **Group 4:** Describe the process of fertilization and implantatio

COUNSELING FOR FAMILY PLANNING

Objectives:

By the end of the unit, the participants will be able to:

- Gain knowledge and competency in offering contraceptive method specific counselling skills
- Demonstrate competency in use of Balanced Counselling Strategy plus (BCS+) as a counseling method.
- Screen for Reproductive Coercion (RC) and Intimate Partner Violence (IPV) in relation to contraception services
- Dispel common myths and misconceptions on family planning



Duration:

120 mins

Session plan

Time	Training sessions	Training methodology	Resources
30 mins	Knowledge in counselling skills for offering family planning methods including; <ul style="list-style-type: none"> • Diverse groups • Men involvement 	<ul style="list-style-type: none"> • Brain storming, • Discussion, • Lecture, power point presentation 	PowerPoint slides
60 mins	Demonstration competency in using the balanced counseling strategy plus	<ul style="list-style-type: none"> • Group discussion • Brain storming • Role plays 	<ul style="list-style-type: none"> • Power point slides, • BCS Plus cards, algorithms, • Contraceptives Brochures • MEC wheels, • Contraceptives

Time	Training sessions	Training methodology	Resources
10 mins	Dispel common myths and misconceptions	<ul style="list-style-type: none"> Group discussion Brain storming 	<ul style="list-style-type: none"> Flip chart/felt pens
20 mins	Screening Reproductive coercion (RC) AND intimate partner violence (IPV)	<ul style="list-style-type: none"> Brainstorming Lecture 	<ul style="list-style-type: none"> SGBV training guide, slides FP training package slides

Note: Have skills and competencies in counselling skills for offering all family planning methods



FACILITATORS NOTES

Balanced Counseling Strategy Plus

- Take participants through an outline of Balanced counseling strategy plus presentation
- Guide participants to familiarize themselves with the use of BCS Plus counseling strategy using the following job aids (take them through counseling evolution)

Activity	Requirements	Quantity
Counseling	Algorithm	
	BCS plus cards	
	MEC wheel	
	FP client brochures'	
	Method effectiveness chart	
	How to be reasonably sure a client is not pregnant	

Note: Items should be procured as per number of participants

- Create a case scenario and take the participants through use of BCS counseling strategy in the scenario
- Oversee learners practice counseling using different case scenarios in groups

Case scenario 1

The client is an unmarried 20-year-old female high school drop-out who has been secretly having sexual relations with an older man in the village. She admits that she does this because the man gives her presents and money to buy what she needs. However, she has not been using any Family Planning method and the man does not like using condoms. The client has come to you because she is concerned, she could become pregnant yet she is not ready for a child. At the same time, she is not willing to let go of the sexual relations with the older man.

Focus on the Role Play The focus of the role play is on the discussion between the HCP and the client. HCP needs to check whether or not the client is pregnant, use BCS plus counseling skills, and also discuss her future goals to enable her make an appropriate decision. The HCP will decide the next course of action depending on the discussion. However, the HCP should also assess the level of communication between the client and her partner and explore condom negotiation skills of the client.

Ask the participants the following questions:

- How did the HCP approach the client?
- How might the HCP improve her discussion with the client (if need be)?
- What risk issues did the HCP identify?

Case scenario 2

A 25-year-old single lady sexually active reports to your facility with amenorrhea of 2 months and has not been on any FP method, she has been unwell for 1 month and was given herbal medicine. As an FP service provider how will you handle her? (To assess if the lady is pregnant using job aid)

Case scenario 3

A 17-year lady from the nearby school frequents your chemist every Monday morning to buy EC pill, what services will you provide her? (counsel the client and offer appropriate contraceptive)

Activity 5.2: Myths and misconceptions

Ask participants to state common myths and misconception about contraceptives in their communities and how to address them. Review the hand out in the participants' manual on "How to address myths and misconceptions."



NOTE:

Discuss with participants about RC and IPV and let them be able to refer clients' appropriately using screening procedures in participant's manual

MEDICAL ELIGIBILITY CRITERIA FOR FAMILY PLANNING

Objectives:

By the end of the unit, the participants will be able to:

- To define and outline the WHO Medical Eligibility Criteria (MEC)
- To describe the components of MEC Wheel
- To demonstrate skills in the use of the MEC Wheel

Duration:

90 minutes

Session Plan

Duration	Session	Methodology	Resources
10 mins	Description of the WHO Medical Eligibility Criteria	Brainstorming, presentation	LCD, Flipcharts, Power Points, participants' manual
30 mins	Components of The MEC for FP	Presentation, exercises	LCD, Flipcharts, Power Points, participants' manual
50 mins	How to Use the MEC wheel	Presentation, exercises and demonstrations	Digital MEC wheel, Kenyan MEC Wheels



ACTIVITIES

- The facilitator should distribute MEC Wheels to the participants
- The facilitator will probe if any of the participants have ever seen and used the MEC Wheel
- The facilitator demonstrates the use of the MEC Wheel
- The facilitator asks the participants to demonstrate the usage of the MEC Wheel using the exercises provided



FACILITATORS NOTES

The facilitator should develop appropriate case scenarios and exercises to be distributed during the session as handouts.

UNIT 6

INFECTION PREVENTION & CONTROL



Objectives:

By the end of the unit, the participants will be able to:

- Describe the basic infection prevention practices
- Gain skills and competencies on hand washing and use of gloves
- Demonstrate waste management practices



Duration:

75 mins

Session plan

Time	Training session	Training methodology	Resources
15 mins	<ul style="list-style-type: none">• Describe the overview of basic infection prevention practices	<ul style="list-style-type: none">• Brainstorming• Lecture	<ul style="list-style-type: none">• FP training package,• National FP Guidelines,• Family Global Handbook 2018 Edition,• National IPC Guidelines, slides
40 mins	<p>Discuss the standard precaution measures for IPC</p> <ul style="list-style-type: none">• Hand hygiene• Use of gloves• Personal Protective equipment	<ul style="list-style-type: none">• Brain storming• Lecturer• Demonstration• (Activity 1)	<ul style="list-style-type: none">• FP Training package, National FP Guideline, FP Global Handbook 2018 Edition, National IPC Guidelines• Flip Charts, Marker pens,

Time	Training session	Training methodology	Resources
20 mins	<ul style="list-style-type: none"> Describe waste management- Waste segregation 	<ul style="list-style-type: none"> Brainstorming Lecture, Demonstration (Activity 6.0) 	<ul style="list-style-type: none"> FP Training package, National FP Guidelines, Family Global Handbook 2018 Edition, National IPC Guidelines Job Aids, hand washing posters

Advance Preparation

- Assemble the relevant materials/equipment to be used during demonstration
- Prepare work stations at suitable locations in the rooms with adequate space for demonstration and group work

Review and print adequate copies of the group work guide

Training aids

Activity	Requirement	Quantity
Hand hygiene	Liquid soap	
	Water in a container with a tap	
	Disposable hand towel	
	PPE	
	Gloves (clean, utility)	
	Waste bins (color coded)	
	Sharp boxes	
	Bin liners (red, yellow, black)	
	Job aids	



Activity 6.0 Hand Hygiene

- Through an interactive session, ask the participants if they are conversant with the new approaches to hand hygiene. Examples that may be mentioned include the use of alcohol hand rub. Depending on the responses, further probe on how to do hand washing.
- Ask participants to demonstrate the process. After the demonstration, make the necessary corrections, demonstrate the correct way to do hand washing and correct use of alcohol hand rub.
- Explain why we use alcohol hand rub and when it should be used. Inform participants that it is convenient only when the hands are not visibly soiled (refer participants to the relevant pages in the national infection prevention and control guidelines).
- Use the power point slides to reinforce. Explain on how to use the alcohol hand rub.
- Next, discuss the use of gloves. Through an interactive session, ask the participants the types of gloves that are usually available to the providers for use in infection prevention.
- After the responses, show the slide and inform them of the different types of gloves and go through the situations where they should be used (Utility gloves, examination gloves).
- Emphasize the importance of hand hygiene.
- Discuss briefly other personal protective attire.

Activity 6.01: Waste Segregation

Divide participants into two groups;

Group 1: Select four participants to represent color coded bins (red, yellow, black and sharp container).

Ask the four participants to stand at four points within the class room.

Group 2: The facilitator generates medical waste on sticky notes and distributes to remaining group.

- Ask the group to dispose of sticky notes in appropriate color-coded bins
- The group representing color coded bins read out the medical waste deposited in their bins
- Make corrections appropriately
- Wind up the exercise by summarizing the correct color-coded bins as per IPC protocol.
- Give updates on the other color-coded bins (food remains and radioactive bins). Explain to the participants' reasons to why disposal of this waste is separated from other waste.
- Summarize session by use of slides.

CONTRACEPTIVE METHODS

Objectives:

By the end of the unit, the participants will be able to:

- Describe the family planning methods appropriately categorizing them into short and long acting methods
- Demonstrate competence in provision of the short acting methods
- Attain clinical experience on the short-acting methods

Duration:

360 minutes

Session Plan

Duration	Session	Methodology	Resources
10 mins	Description of the available family planning methods in Kenya	Brainstorming, presentations	Power Points, LCD, flipcharts, participants' manual
240 mins	Provision of short acting FP methods i.e. pills, injectables, barrier methods and fertility awareness methods	Presentations, demonstrations,	Family planning commodities (all methods), LCD, Power Points, squashy balls, participants' manual, penile and vaginal models, fertility calendar
12 hours	Clinical experience	Practical in clinical setting	FP commodities, transportation, non-pharmaceutical supplies



ACTIVITIES

- The facilitator asks the participants to state and describe briefly the family planning methods they are conversant with
- The facilitator should demonstrate the procedures for the following;
 - Intra-muscular injection of DMPA
 - Sub-cutaneous injection of DMPA
 - Correct use of Cycle Beads
 - Correct use of male and female condoms

INTEGRATION & REFERRALS

Objectives:

By the end of the unit, the participants will be able to:

- Define integration of services
- Outline the types of integration
- Demonstrate understanding of the services to be integrated
- Understand the services to be referred
- Describe overview of HIVST in Kenya

Duration:

45 minutes

Session plan

Duration	Session	Methodology	Resource
10 min	Definition for integration of services The types of integration Onsite Offsite Stop shop Mixed approach	PP presentation Brainstorming	Slides FP guidelines Pharmacy Practice FP training package
20 min	Services to be integrated HIVST PREP STI	Group discussions Presentations Illustrations	HIVST Algorithm STI syndromic chart Slides Sample of the HIVST Kits
10 min	Services to be referred RT cancers STI EMONC HIV LARC PRC	PP presentations manual	Slides PowerPoints



FACILITATORS NOTES

- Facilitate a brainstorming session on integration
- Through group work and presentations, the facilitator illustrates the services to be integrated

HIV Prevention Services



Objectives:

By the end of the unit, the participants will be able to:

- Understand HIV prevention services
- Demonstrate HIV self-testing



Duration:

60 mins

HIV Prevention Services Session plan

Time	Training sessions	Training methodology	Resources
10 Mins	Definition of terms <ul style="list-style-type: none"> • PrEP • HIV self-testing 	Brain storming, discussion, Lecture, power point presentation	PowerPoint slides Manufacturers' instructions and brochures for HIV
30 Mins	Demonstration of HIV self-testing	Group discussion Demonstration	Power point slides, HIVST Kits
20 Mins	PrEP Indications Eligibility Contraindications Monitoring	Discussion, Lecture, power point presentation	Power point slides, Manufacturers' instructions, brochures for PrEP

Counter for demonstration prepared prior to session. Trainer to display PrEP during the session and allow participants to buzz during the session.

Training Aids

Activity	Requirement	Quantity
PrEP	PrEP PrEP Guidelines	
HVIST	HVIST Kit	
	Manufacturers brochure	



ACTIVITIES

The trainer will ask the participants to gather around the demonstration counter. The trainer will demonstrate how to use the HIVST kit. This will be an interactive session. The trainer will summarize the session by projecting slides.

DOCUMENTATION, REPORTING, MONITORING & EVALUATION



Objectives:

By the end of the unit, the participants will be able to:

- Define common terms in monitoring and evaluation
- Explain dimensions of data quality for FP
- Describe documentation for FP services
- Describe the reporting processes for FP

- Illustrate data flow
- Define the roles of pharmacists and pharmaceutical technologists in FP data management
- Illustrate the process of Monitoring and Evaluation in FP and HIVST
- Define routine FP indicators.



Duration:

115 minutes

Unit Session Plan

Duration	Session	Methodology	Resources
10 mins	Introduce the unit on documentation, reporting, monitoring and evaluation Outline the unit objectives	Lecture	PPT
10 mins	Common terms in monitoring and evaluation Data Record Report Record keeping	Brainstorming, lecture, Q&A	Flip charts, marker pens, PPT

Duration	Session	Methodology	Resources
30 mins	Dimensions of data quality for FP Accuracy Reliability Completeness Precision Timeliness Integrity	Group discussions, Lecture, Q & A	Flip charts, marker pens, Sticky notes, PPT
10 mins	Documentation for FP services	Brainstorming, Buzz lecture, Q&A	Flip charts, marker pens, Printed copies of reporting tools, PPT
10 mins	Reporting processes and data flow for FP Client-pharmacy-data collection-MOH-KHIS	Brainstorming, lecture, Q&A	Flip charts, marker pens, PPT
15 mins	Roles of pharmacists and pharmaceutical technologists in FP data management Reporting Submission Quality audits	Brainstorming, lecture, Q&A	Flip charts, marker pens, PPT
30 mins	Process of Monitoring and Evaluation in FP and HIVST	Group discussions, Lecture, Q&A	Flip charts, marker pens, Sticky notes, PPT
10 mins	Routine FP indicators	Brainstorming, lecture, Q&A	Flip charts, marker pens, PPT

9.1 Introduction to the unit

- Introduce the unit on documentation, reporting, monitoring and evaluation
- Outline the unit objectives

9.2. Common Terms In Monitoring & Evaluation

- Facilitate a brainstorming session to define common terminologies in monitoring and evaluation
- Using a PPT present the definitions of common terms in M & E
- Allow questions and clarification from the participants

9.3 Dimensions of data quality for FP

- Facilitate a group discussion session on dimensions of data quality for FP (Refer to activity 9.1 below)
- Facilitate a feedback presentation session
- Summarize the session using the PPT
- Allow questions and clarification to the participants

9.4 Documentation for FP services

- Facilitate a brainstorming session on documentation for FP services
- Distribute printed copies of reporting tools
- Guide participants to buzz in twos to familiarize with the available reporting tools and data elements
- Allow for questions and clarifications from participants
- Using a PPT slide present the session on documentation for FP
- Allow questions and clarification to the participants

9.5 Reporting processes & data flow for FP

- Using PPT slides present the reporting process and data flow for FP services
- Allow questions and clarification to the participants

9.6 Roles of pharmacists in FP data management

- Brainstorm on the roles of pharmacist in FP data management
- Using PPT slides present the session on roles of pharmacist in FP data management
- Allow questions and clarification to the participants

9.7 Process of Monitoring and Evaluation in FP & HIVST

- Facilitate a group discussion session on the process of M & E for FP (Refer to activity 9.2 below)
- Facilitate a feedback presentation session
- Summarize the session using the PPT
- Allow questions and clarification to the participants

9.8: Routine FP indicators

- Brainstorm on the routine FP indicators
- Using PPT slides present the session on the routine FP indicators
- Allow questions and clarification from the participants



ACTIVITIES

Activity 9.1: Dimensions of data quality for FP

- Divide the participants into 3 groups
- Assign each group two Dimensions of data quality for FP (See list of dimensions in the session plan above)
- Tell the participants to define, describe and give examples for each dimension
- Allow the activity to be completed within 10 minutes
- Guide a group feedback session for 10 minutes
- Summarize the session

Activity 9.2: Process of Monitoring and Evaluation in FP and HIVST

- Divide the participants into 2 groups
- Assign the term '**Monitoring**' to one group and '**Evaluation**' to the other group
- Tell the participants to define, describe and give examples of activities for each term
- Allow the activity to be completed within 10 minutes
- Guide a group feedback session for 10 minutes
- Summarize the session

REPRODUCTIVE HEALTH COMMODITY MANAGEMENT



Objectives:

By the end of the unit, the participants will be able to:

- Define reproductive and family planning commodities
- Outline categories of FP commodities
- Describe Logistics management



Duration:

60 minutes

Unit Session Plan

Duration	Session	Methodology	Resources
10 min	RH and FP commodities	Presentations	PowerPoints
10 min	Categories of FP commodities	Presentations	PowerPoints
40 min	Commodity management Logistics management cycle Serving customers 8 consumer rights 6 logistics rights Product selection Guidelines, protocols and standards Quantification and procurement methodologies Inventory management Proper storage Management of expiries	Brainstorming, Group work, Discussion, presentations, demonstrations	PowerPoints, PPB guidelines on disposal, Trainers manual

10.0 REPRODUCTIVE HEALTH COMMODITY MANAGEMENT

10.1 RH AND FP COMMODITIES

- Introduce the unit
- Outline the unit objectives

10.2 CATEGORIES OF FP COMMODITIES

- Brainstorm on classification
- Explain the classification
- Allow questions and clarification to the participants

10.3 COMMODITY MANAGEMENT

- Brainstorm on the different activities involved in management of commodities
- Discuss the logistics management cycle
- Ask about the 6 rights of logistics and the 8 consumer rights
- Discuss what is involved in product selection
- Present an overview of the quantification and procurement methodologies
- Ask questions on how the participants carry out procurement
- Introduce inventory management and generate discussion on proper storage practices
- Guide participants on management of expiries as per PPB guidelines



- Allow questions and clarification to the participants

Activity 10.1: Dimensions of data quality for FP

- Divide the participants into 4 groups
- Assign four groups as follows:
 - Group 1: Logistics Management Cycle
 - Group 2: The 8 Consumer Rights
 - Group 3: The 6 rights of logistics
 - Group 4: Requirements for product selection
- Tell the participants to discuss each of the assignment for presentation.
- Allow the activity to be completed within 15 minutes
- Guide a group feedback session for 15 minutes
- Summarize the session.

PHARMACOVIGILANCE



Objectives:

By the end of the unit, the participants will be able to:

- Define pharmacovigilance
- Importance of pharmacovigilance
- Define Adverse Drug Reactions (ADRs) and identify information sources ADR
- Discuss the roles and responsibilities of pharmacists and pharmaceutical technologists in pharmacovigilance

- Discuss the guidelines and reporting tools for the national pharmacovigilance in Kenya.



Duration:

55 minutes

Session Plan

Duration	Session	Methodology	Resources
5 mins	Introduction to Pharmacovigilance	Presentation	PowerPoint slides
10 mins	Post Market Surveillance	Presentation	PowerPoint slides
30 mins	Adverse Drug Reactions Definition and types of ADRs Role of the pharmacist Reporting ADRs – forms, online	Brainstorming, Group work, Discussion, Lectures	PowerPoint slides, reporting forms
10 mins	Pharmacovigilance guidelines and reporting tools in Kenya	presentation	PPB Guidelines and PPB website (PV link)



11.0 PHARMACOVIGILANCE

11.1 INTRODUCTION TO PHARMACOVIGILANCE

- Introduce the topic
- Outline the unit objectives
- Allow questions and clarification to the participants

11.2 POST MARKET SURVEILLANCE (PMS)

- Inform the participants what is PMS
- Discuss the importance of PMS

11.3 ADVERSE DRUG REACTION

- Introduce the topic by discussing what ADRs are
- Differentiate ADRs from side effects
- Discuss the different sources of information about ADRs
- Give examples of ADRs in Family Planning
- Discuss the role of pharmacists in ADR reporting
- Demonstrate the use of ADR reporting tools



ACTIVITIES

Activity 11.1: Role Play

One of the participants takes the role of a pharmacist and another plays the role of a client visiting the chemist. The scenario is as follows;

A young woman comes to the chemist with a complaint of a painful upper arm. She reports having received an injectable contraceptive two days ago. On checking the records, it was found that the client was provided with DMPA-IM two days ago at the same facility. On inspection, there was an abscess at the injection site. What action(s) would you take?

This activity checks the knowledge of the participants in the following aspects;

- Reassurance to the client
- Identify the ADR and report to PPB
- Document the incident on your register
- Promptly refer the client for further management

Activity 11.2: Reporting on ADRs

- Ask the participants to log on to <http://www.pv.pharmacyboardkenya.org/> and familiarize with the reporting tools:
- Adverse Drug Reaction - yellow form
- Poor Quality Medicinal Products - pink form
- Register to create a personal account for the purpose of reporting ADRs
- For practical purposes, they can fill in a dummy yellow form online.

NB: The forms should NOT be submitted.



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