

Module 6. Service Delivery

Session 3.

DRUG MANAGEMENT

“Generating our POUND of cure from an OUNCE of HW’s extra effort...”



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Province of Benguet



Objectives (1)

By the end of the session, the participants are expected to:

1. **Realize the importance** of a functional Drug Management System for the efficient delivery of Health Care Services

Objectives (2)

2. **Understand** the basic concepts of DM with regards to:

- Pharmacy Arrangement
- Rational Drug Use
- Data Collection, Management and Utilization
- Procurement process
- Monitoring and Feedback

Objectives (3)

3. **Analyze** this selected model (DM... The Benguet Experience) relevant to their present situation
4. **Develop** a Drug Management Plan following Benguet’s experience or with modifications to suit existing situation

Methodology

- lectures,
- interactive participation (Q & A),
- small group discussions

5

Outline

1. Introduction
2. Benguet Experience
 - a) Situational Analysis
 - b) Drug Management
 - c) Exploring ILHZ Pooled procurement
 - d) Provincial Pooled Procurement
 - e) Gains

6

2

1. Introduction

In the provision of health care services
Drugs and Medicines are as important as Information and Education



HENCE, the NEED to Ensure availability of essential drugs
in the community, for effective and efficient delivery of
Maternal & Child Health services

7



D. Benguet Experience



8

2.a Benguet Experience: Situational Analysis

- A. Poor Pharmacy/ Stock Room arrangements
- B. Poor Inventory/recording system
 - Inaccurate data available
 - No priority drug list
 - No established Drug policy

9

2.a Benguet Experience: Situational Analysis

- C. Poor procurement system
 - No evidence based planning
 - prolonged lead time

10

2.a Benguet Experience: Situational Analysis

Analysis of
Number of 'Days
Out Off stock'



9 days

11

Benguet Experience:

Objective:

To improve availability of quality drugs
in the community, for effective and
efficient delivery of Maternal & Child
Health services

12

Benguet Experience: OPTIONS

1. Drug Management
2. Basic Computer Training
3. Monitoring and Evaluation
4. BAC members orientation on Drug Management
5. Pooled Procurement : ILHZ /Provincial

13

2.b Benguet Experience: Drug Management

1. Drug Management Training

- a) Use of Stock Cards
- b) Inventory
- c) Drug Prioritization through mixed ABC/VEN analysis



14

2.b Benguet Experience: Drug Management

1. Drug Management Training



Targeted:
pharmacists or persons-in-charge

15

2.b Benguet Experience: Drug Management

2. Basic Computer Training

- a) Excel
- b) Data Entry
- c) Analysis



16

2.b Benguet Experience: Drug Management

RESULT

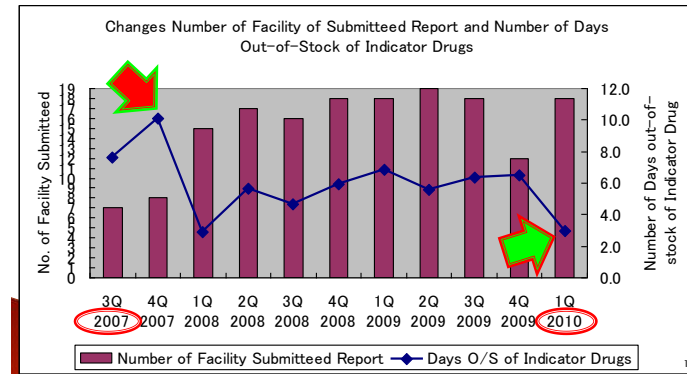


- Priority Drug List
- Evidence-Based Procurement Plan and
- Feasible Procurement policy

17

2.b Benguet Experience: Drug Management

Change of Indicator: Days Out of Stock



18

5

2.b Benguet Experience: Drug Management

Pharmacy Arrangement



Before



After

Proper arrangement, classification according to drug use – antibiotics, pain relievers, clear, readable labels

19

2.b Benguet Experience: Drug Management

3. Monitoring and Evaluation

1. Provincial Monitoring Tool (Handbook): Inclusion of Drug Management Indicators
2. Field Visits by PHO
3. TWG meeting feedbacks

20

2.b Benguet Experience: Drug Management

3. Monitoring and Evaluation

Provincial Monitoring Handbook : Areas of Monitoring by PHO

a) Technical Supervisory Visits



Pharmacy Arrangements:

- Cleanliness, lighting, separation of store room, protection from natural elements, drug labels

21

2.b Benguet Experience: Drug Management

3. Monitoring and Evaluation

Inventory management Status



Record Management

- Stock cards on indicator
- drugs & other drugs
- Physical stock count
- Entries on MC, O/S

22

2.b Benguet Experience: Drug Management

3. Monitoring and Evaluation



Data management:

- Use of ABC/VEN Analysis
- Presence/ "Existence" of priority drug list
- AMC entry
- annual procurement plan

23

2.b Benguet Experience: Drug Management

3. Monitoring and Evaluation

b) Availability of Indicator Drugs "Indicator Drugs" (Nov. 2006-TWG)

- Paracetamol tabs 500mg
- Amoxicillin 500mgs cap
- Metoprolol 50mgs or 100mgs
- Co-trimoxazole 800/160mg tab
- Co-trimoxazole 400/80 or 200/40 mg tab or syrup

24

2.b Benguet Experience: Drug Management

3. Monitoring and Evaluation

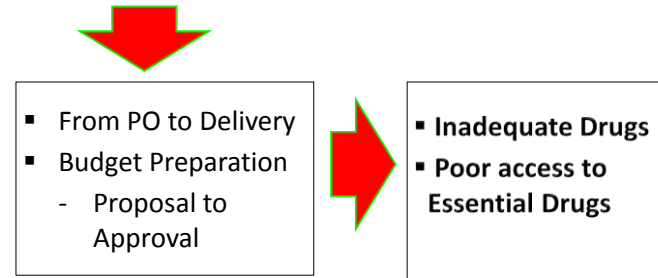
TWG Meetings

- ▶ Quarterly
- ▶ DM Reports per ILHZ
- ▶ Pooled procurement updates (PHO)

25

2.b Benguet Experience: Drug Management

Problem on prolonged lead time:



26

2.b Benguet Experience: Drug Management

4. Consultative Meeting with BAC on Procurement system per ILHZ



- Standard "Budget Calendar"
- Procurement plan
- Budget Proposal
- Budget Hearing
- Approval
- Procurement Proper

Recommendations/ Agreements

27

2.b Benguet Experience: Drug Management

Due to Procurement System Issues
At the Municipal Level

- COA issues VS Pooled procurement

Recommendation:

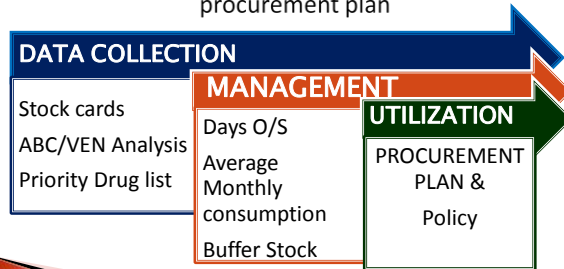
- Conventional Methods of Procurement:
BAC & End User
 - Bidding
 - Canvass

28

**2.b Benguet Experience:
Drug Management : GAINS**

'POUND' of cure

P- Procurement plan , Drug Policy , Evidence based procurement plan



• **MOST ESSENTIAL DRUGS** Are **PURCHASED BY THE LGU**

29

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**2.b Benguet Experience:
Drug Management: GAINS**

'POUND' of cure

N -Number of Days Out-of-Stock Decreased from 9 (2007 baseline) to 3 (2010)

D - Drug management and Procurement Systems **IMPROVED**

31

**2.b Benguet Experience:
Drug Management: GAINS**

'POUND' of cure

O- Overall Drug supply system has improved based on the Evaluation -

U- "Unnecessary" drugs purchased replaced by priority drugs

- ABC
- VEN Analysis

30

**2.b Benguet Experience:
Drug Management GAINS**

Pharmacy arrangement:

- Physical structure
- Persons-in-charge
- Stock card inventory



Physical Structure



Stock cards : Basic Inventory tool

32

**2.b Benguet Experience:
Drug Management CHALLENGES**

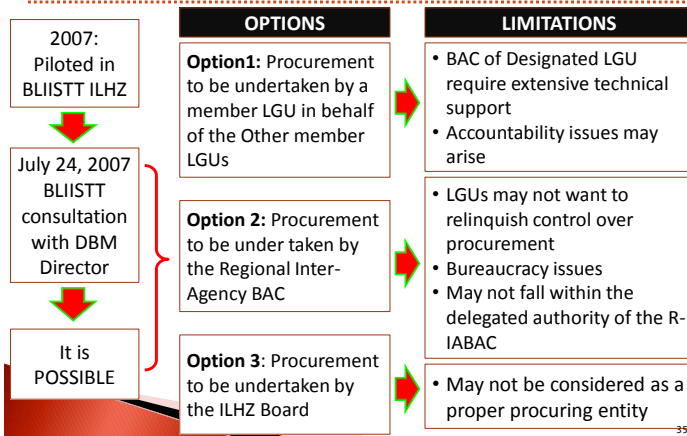
Our HW's extra **OUNCE**..."

- O** Off hours works
- U** Understanding basic computer skills is a need
- N** New system should be adopted
- C** Commitment to change
- E** Extra work load, etc.

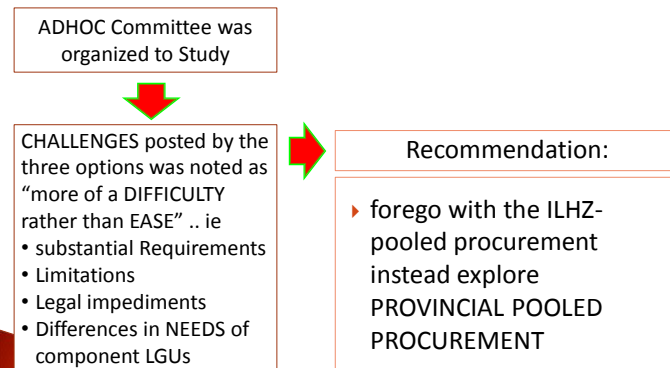
**2.c Benguet Experience:
ILHZ Pooled Procurement**

**Exploring
ILHZ- POOLED
PROCUREMENT**

**2.c Benguet Experience
ILHZ Pooled Procurement**



**2.c Benguet Experience:
ILHZ Pooled Procurement**



**2.c Benguet Experience:
Provincial Pooled procurement**

**PROVINCIAL
PROCUREMENT**

37

**2.c Benguet Experience:
Provincial Pooled procurement**

The Problem : Inadequate availability and access to essential Drugs

In the 5 district Hospitals of Benguet (analysis)
2008: 72 % (4th quarter)
2009: 87 % (4th quarter)



**Due to:
DELAY OF DRUG PROCUREMENT PROCESS
Few suppliers join bidding due to limited quantity of drugs and medicines**

38

**2.c Benguet Experience:
Provincial Pooled procurement: STEPS**

Provincial Representative:
Inception Study



Several meeting and Planning Workshops with the provincial Therapeutic Committee



Development of the Pooled procurement Guideline of Drug and Medicines considering the ff:
• Drug Management
• Inception Study Learnings



Review , Refinement, Finalization (with technical assistance from Experts)

Implementation



Reproduction of the Guideline



39

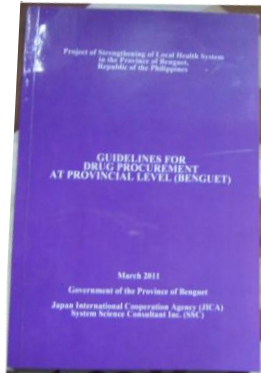
**2.c Benguet Experience:
Provincial Pooled procurement**

Supporting Legal Documents:

1. SP Resolution no 9-0259 : approving Pooled Procurement System
2. Appropriation Ordinance No. 12 series of 2009: Allocating 3,000,000.00 to the Pooled Procurement System for Drugs and Medicines as REVOLVING FUND under a Separate Bank Account
3. Administrative Order 2011-03 : Organizing the Provincial Therapeutic committee

40

2.c Benguet Experience: Provincial Pooled procurement



41

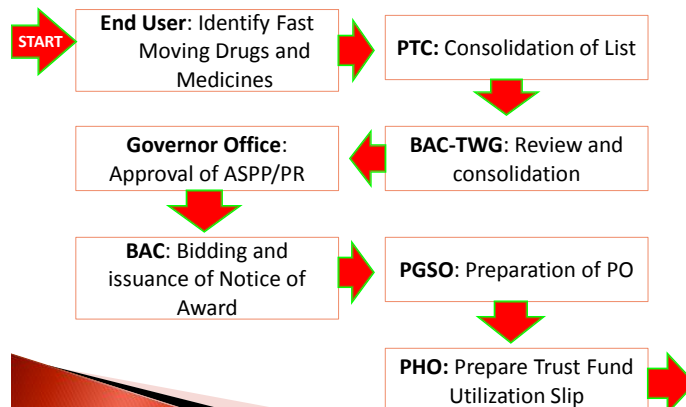
2.c Benguet Experience: Provincial Pooled procurement

Guideline Content

- I. Introduction: Drug Procurement in Public Health Context
- II. Drug Supply Chain Context (Cycle management)
- III. Management in Pooled Procurement
- IV. Annexes
 - Resolutions
 - Administrative order
 - Procurement Cycle
 - Excerpts from the handbook o the Philippine Government Procurement Act and its IRR

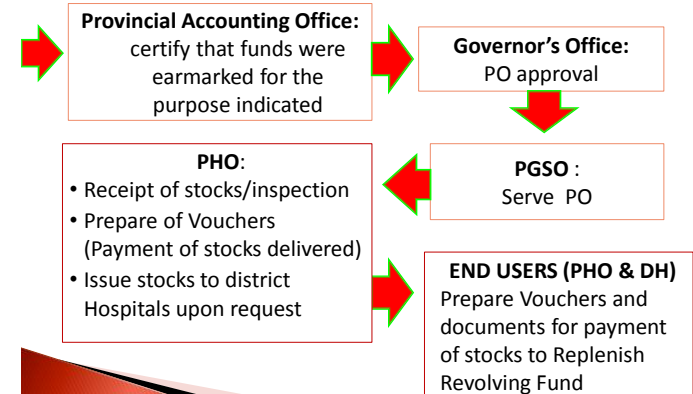
42

2.c Benguet Experience: Provincial Pooled procurement: PROCESS



43

2.c Benguet Experience: Provincial Pooled procurement: PROCESS



44

STRENGTHS (Challenges)

S- Sincere effort of pharmacists and personnel in-charge of the Pharmacy

“...an ounce of sincere effort to attend trainings generated a pound of cure.”

T- TWG/ meetings

45

STRENGTHS (Challenges)

R - Return of investment scheme, Capitation Fund, Users' Fee, Revolving Fund

E - Political Environment

N - NGO's and Corporations (CSRF)

G - Government support-LGUs

46

STRENGTHS (Challenges)

T- Trainings / Tools

H- Human resource

S- Service-oriented Health force

47



48