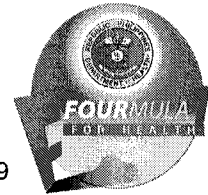




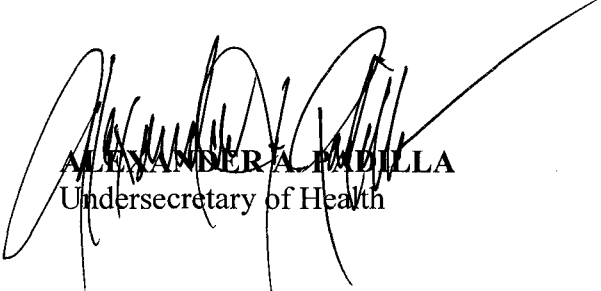
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**DEPARTMENT MEMORANDUM**

**No. 2008- 0038**

**TO: ALL CENTER FOR HEALTH DEVELOPMENT (CHD) DIRECTORS,  
LOCAL GOVERNMENT UNITS (LGUs) AND ARMM SECRETARY**

**FROM:   
ALEXANDER A. PADILLA  
Undersecretary of Health**

**SUBJECT: Amendment to Memorandum No. 31 s. 2003 dated 17 February 2003 re:  
Drugs to be Sold in Botika ng Barangays (BnBs)**

**DATE: 21 February 2008**

Memorandum No. 31 s. 2003 dated 17 February 2003 is hereby amended, the list of essential over-the-counter (OTC) and two (2) selected prescription drugs (Amoxicillin and Co-trimoxazole) based on the Philippine National Drug Formulary (PNDF), Vol. I, 6<sup>th</sup> Edition, 2005, to be sold in the Botika ng Barangay (BnB) outlets. See attached list.

Please be guided accordingly.

**CC: PROF. LETICIA BARBARA B. GUTIERREZ, MSc.**  
Director, Bureau of Food and Drugs

**HON. SERGIO VALENCIA**  
Chairman, Philippine Charity Sweepstakes Office

**HON. JORGE MENDOZA JUDAN**  
President, Philippine International Trading Corporation

**DR. JOVENCIO ORDOÑA**  
Director, Philippine Institute of Traditional and Alternative Health Care

**LIST OF OVER-THE-COUNTER (OTC) and  
PRESCRIPTION DRUG PREPARATIONS for BOTIKA NG BARANGAY (BnB)**  
(under the PNDF Vol. 1, 6<sup>th</sup> Edition, 2005)

**1. ANALGESIC / ANTIPYRETICS**

<i>Paracetamol</i>	325 mg tablet 500 mg tablet 100 mg/mL drops (alcohol-free) (15 mL) 120 mg (125 mg/5 mL syrup/suspension (alcohol-free) (60 mL) 250 mg/5mL syrup/suspension (alcohol-free) (60 mL)
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**2. ANTACID**

*Aluminum hydroxide 225 mg + Magnesium hydroxide 200 mg per 5 mL suspension  
(60 mL, 120 mL and 180 mL)*

**3. ANTHELMINTICS**

<i>Pyrantel embonate</i>	125 mg tablet 250 mg tablet 125 mg/5 mL suspension (10 mL and 30 mL)
<i>Mebendazole</i>	100 mg tablet/capsule 500 mg tablet/chewable tablet 50 mg/mL suspension (10 mL) 100 mg/5 mL suspension (30 mL)

**4. ANTI-ALLERGIC / ANTIPRURITIC**

<i>Diphenhydramine (as hydrochloride)</i>	25 mg capsule/tablet 12.5 mg/5 mL syrup (alcohol-free) (60 mL)
<i>Chlorphenamine (as maleate)</i>	4 mg tablet 2 mg/5 mL syrup (60 mL)

**5. NON-STEROIDAL ANTI-INFLAMMATORY DRUGS (NSAIDs)**

<i>Mefenamic acid</i>	250 mg tablet/capsule
<i>Ibuprofen</i>	200 mg tablet 100 mg/5 mL suspension (60 mL)
<i>Aspirin</i>	300 mg (325 mg) tablet

## 6. ANTI-THROMBOTIC

*Aspirin* 80 mg tablet

## 7. ANTI-VERTIGO

*Meclozine (Meclizine)* 12.5 mg chewable tablet  
(as hydrochloride) 25 mg tablet/chewable tablet

## 8. BRONCHODILATOR / ANTI-COUGH

*Lagundi* {*Vitex negundo*, 300 mg tablet  
*L. (Fam. Verbenaceae)*} 600 mg tablet  
300 mg/5 mL syrup (60 mL and 120 mL)

## 9. DIURETIC / ANTI-UROLITHIASIS

*Sambong* {*Blumea* 250 mg tablet  
*balsamifera (L) DC* 500 mg tablet  
(*Fam. Compositae*)}

## 10. ANTITUSSIVE (Centrally Acting)

*Dextromethorphan* 10 mg tablet  
(as hydrobromide) 5 mg/5 mL syrup (alcohol-free) (30 mL and 60 mL)

## 11. ANTI-MOTILITY

*Loperamide* 2 mg capsule  
(as hydrochloride)

(N.B. not for infants and children)

## 12. SOLUTIONS CORRECTING WATER AND ELECTROLYTE LOSSES

Oral Rehydration Salts (composition per liter of water as per WHO recommendations)

<i>ORS 90–Replacement</i>	Sodium chloride	3.5 g
	Trisodium citrate trihydrate	2.9 g (or 2.5 g sodium bicarbonate)
	Potassium chloride	1.5 g
	Sucrose	40 g (or 20 g glucose [anhydrous])

Equivalent in mmol/L:

Sodium	90
Chloride	80
Potassium	20
Citrate	10 (or 30 mmol bicarbonate)

Glucose	111
Total osmolarity	311

**N.B. Reconstitute with clean potable water. Unused reconstituted solution shall be discarded after 24 hours.**

<i>ORS 75 –Replacement</i>	Sodium chloride	2.6 g
	Trisodium citrate dihydrate	2.9 g (or 2.5 g sodium bicarbonate)
	Potassium chloride	1.5 g
	Glucose anhydrous	13.5 g
	Total weight	20.5 g

Reduced osmolarity ORS	
Equivalent in mmol/L:	
Sodium	75
Chloride	65
Potassium	20
Citrate	10
Glucose anhydrous	75
Total osmolarity	245

**N.B. Reconstitute with clean potable water. Unused reconstituted solution shall be discarded after 24 hours.**

### 13. LAXATIVE / CATHARTICS

<i>Bisacodyl</i>	5 mg tablet
<i>Standard Senna Concentrate</i>	187 mg tablet 337 mcg/3 g granules (30 g sachet)
<i>Castor Oil</i>	Oral USP Grade (120 mL)

### 14. ANTI-SCABIES, ANTI-LICE AND ANTIFUNGAL

<i>Benzyl benzoate</i>	25% lotion (120 mL bottle)
<i>Crotamiton</i>	10% lotion (60 mL and 120 mL bottle) 10% cream (10 g tube)
<i>Sulfur</i>	5% and 10% ointment (30 g tube)

### 15. ANTI-ANEMIC

<i>Ferrous sulfate</i>	equivalent to 15 mg elemental iron/0.6 mL drops equivalent to 30 mg elemental iron/5 mL syrup equivalent to 60 mg elemental iron tablet
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## 16. ANTIFUNGALS

<i>Benzoic acid (6%) + Salicylic acid (3%)</i>	ointment/cream (15 g tube)
<i>Clotrimazole</i>	1% cream (5 g, 10 g and 20 g tube)
<i>Miconazole (as nitrate)</i>	2% cream (5 g tube)

## 17. VITAMINS

<i>Ascorbic acid (vitamin C)</i>	100 mg tablet 250 mg tablet 500 mg tablet 100 mg/mL drops (15 mL, 30 mL and 60 mL) 100 mg/5 mL syrup (60 mL and 120 mL)
<i>Vitamin B<sub>1</sub> + B<sub>6</sub> + B<sub>12</sub></i>	100 mg + 5 mg + 50 mcg per tablet
<i>Vitamin A (Retinol)</i>	10,000 IU capsule (as palmitate) 25,000 IU capsule

### *Multivitamins*

	<u>For infants Per 1 mL drops</u>	<u>For children Per 5 mL syrup</u>	<u>For adult Per tablet/capsule</u>
Vitamin A	325 mcg RE	350-400 mcg RE	425-525 mcg RE
Vitamin B <sub>1</sub>	0.3-0.4 mg ■ <b>0.1-0.3 mg</b>	0.7-0.9 mg ■ <b>0.5-1 mg</b>	0.7-1.3 mg ■ <b>1.3-1.7 mg</b>
Vitamin B <sub>2</sub>	0.3-0.4 mg	0.7-0.9 mg	0.7-1.3 mg
Vitamin B <sub>6</sub>	0.3-0.6 mg	0.9-1.6 mg	1.6-2 mg
Vitamin B <sub>12</sub>	0.5-1.5 mcg ■ <b>0.3-0.4 mcg</b>	2-3 mcg ■ <b>0.9-1.8 mcg</b>	3-5 mcg ■ <b>2.4 mcg</b>
Vitamin C	30 mg	35-55 mg	65-80 mg
Vitamin D	400 IU ■ <b>5 mcg</b>	400 IU ■ <b>5 mcg</b>	400 IU ■ <b>5-15 mcg</b>
Vitamin E	3-4 mg ■ <b>3-4 mg</b>	5-7 mg ■ <b>5-7 mg</b>	6-10 mg ■ <b>6-10 mg</b>
Folic acid	20-30 mcg	40-80 mcg	100-170 mcg
Niacin	5-8 mg	13-17 mg	13-23 mg

[note: highlighted values are based on the requirements of Recommended Energy and Nutrient Intakes (RENI)]

## 18. VITAMINS & MINERALS

<i>Folic acid + Ferrous sulfate</i>	400 mcg folic acid + 60 mg elemental iron per tab/cap <b>(nutritional supplement during pregnancy)</b>
<i>Zinc sulfate</i>	27.5 mg (equiv. to 10 mg elemental zinc)/mL drops (15 mL) 55 mg (equiv. to 20 mg elemental zinc)/5 mL syrup (60 mL)

132 mg (equiv. to 30 mg elemental zinc)/tablet  
220 mg (equiv. to 50 mg elemental zinc)/tablet

## 19. MINERALS

*Calcium*  
(as lactate) 325 mg tablet (equiv. to 59.7 mg elemental calcium)  
650 mg tablet (equiv. to 119.4 mg elemental calcium)

*Calcium*  
(as carbonate) 1,250 mg tablet (equiv. to 500 mg elemental calcium)

## 20. DISINFECTANTS

*Hydrogen peroxide* 3% solution (60 mL and 120 mL)

*Ethyl alcohol* 70% solution (5 gallon)

*Povidone iodine* 10% solution (15 mL, 30 mL, 60 mL, 120 mL, 240 mL,  
1 L and 1 gallon)

## 21. ANTI-INFECTIVES (Prescription by a physician is required and should be dispensed by a licensed BnB supervising pharmacist\*)

*Amoxicillin*  
(as trihydrate) 250 mg capsule  
500 mg capsule  
100 mg/mL powder/granules for drops  
15 mL suspension  
125 mg/5 mL powder/granules for suspension  
(30 mL & 60 mL)  
250 mg/5 mL powder/granules for suspension  
(30 mL & 60 mL)

*Cotrimoxazole*  
(sulfamethoxazole +  
trimethoprim) 400 mg sulfamethoxazole + 80 mg trimethoprim  
tablet/capsule  
800 mg sulfamethoxazole + 160 mg trimethoprim  
tablet/capsule  
200 mg sulfamethoxazole + 40 mg trimethoprim/5 mL  
suspension (30 mL & 60 mL)  
400 mg sulfamethoxazole + 80 mg trimethoprim/5 mL  
suspension (30 mL & 60 mL)

## 22. OTHER PRESCRIPTION DRUGS (Prescription by a physician is required and should be dispensed by a licensed BnB supervising pharmacist\*\*)

*Metformin*  
(as hydrochloride) 500 mg tablet

*Glibenclamide* 5 mg tablet

*Metoprolol*  
(as tartrate) 50 mg tablet

<i>Captopril</i>	25 mg tablet
<i>Salbutamol</i> (as sulfate)	2 mg tablet 2 mg/5 mL syrup (60 mL)

\* Administrative Order No. 144 s. 2004 dated 14 April 2004 entitled "Guidelines for the Establishment and Operations of Botika ng Barangay (BnB) and Pharmaceutical Distribution Network (PDNs)".

\*\* Administrative Order No. 2005-0011 dated 04 April 2005 entitled "Supplemental Guidelines to AO No. 144 s.2004, entitled "Guidelines for the Establishment and Operations of Botika ng Barangay (BnB) and Pharmaceutical Distribution Network (PDNs)" relative to the inclusion of other drugs which are classified as prescription drugs and other related matters.

**x-x-x NOTHING FOLLOWS x-x-x**