

# The Team Pharmacy

The following information is designed to give the Team Captain and the Team Pharmacist a general overview of 1) the medication/supplies needed for the Team Pharmacy, 2) packaging and labeling requirements for medications, and 3) the setup and working procedures of the Team Pharmacy in the village.

Purchasing medications and packaging them is probably the most costly and time consuming part of your team's preparation. But without the pharmacy, the services of the medical clinic would be of little value. Therefore it is a very important part of your team ministry. If you have any questions about the following information in regard to the team pharmacy, do not hesitate to contact the BMDMI Team Activities Department in Hattiesburg, Mississippi (see Contact Information at the end of this Section).

## GENERAL REMARKS CONCERNING THE PURCHASE OF MEDICINES

Included in this Section is a list of suggested medications for your team to purchase based on the quantities and types of medicines your team will need in the village. Your head Team Physician, Team Pharmacist and Team Captain should meet to consider changes deemed necessary. Some teams choose to substitute medications that they may be able to purchase less expensively or have donated. In regard to the selection of certain long-term therapy drugs on the suggested list (e.g. blood pressure medications), we have given consideration to the availability of drugs in Central America, drug cost, and safety of use.

The quantity of medications you will need to purchase for your Team Pharmacy will depend upon the number of practitioners that will be treating patients (i.e. physicians and nurses). On an average day, each practitioner can attend to 90-100 patients. Therefore, your total patient load for the days your team is in the village depends upon the size of your medical staff. You will need to consider this in determining the quantities of medicines you order.

Teams to Honduras normally see patients for 3½ days in the village. However, teams to Nicaragua usually see patients for the equivalent of 4 days (i.e. 3 full days and two half days) before returning to the Mission Home. *Therefore, Honduras teams can estimate their total patient load by multiplying the number of practitioners by 350. Nicaragua teams can estimate their total patient load by multiplying the number of practitioners by 400.* For example, if your team is going to Honduras and you have 3 nurses, 2 doctors, and 1 national doctor, then you can estimate that your patient load total will be 2,100 patients (i.e. 6 practitioners x 350 patients each = 2,100 total patients). However, if that same team were going to Nicaragua, the patient load total would be 2,400 (i.e. 6 practitioners x 400 patients each = 2,400 total patients).

The following medication lists are estimated to treat 2,500 people in Honduras and 3,500 people in Nicaragua. Remember, this is an estimate. There is no way to make a determination of your team's exact needs. But we have made these lists based on past experience, the above calculations, and cost. As you will see, there is a wide variance in the suggested amount of items such as creams, eye drops, vaginal creams, etc. This is due to the fact that these items can be quite expensive and many of those that come to the clinic want or need these items.

## LISTS OF SUGGESTED MEDICINES TO PURCHASE

The following lists of medications are based on teams with 6 or 7 practitioners (physicians and nurses) treating **approximately 2,500 patients in Honduras** and **approximately 3,500 patients in Nicaragua**. There are several options in regard to acquiring these medications. You may purchase all of them or have part of them donated — that is up to the Team Pharmacist and Team Captain. The availability of funds will most likely be your biggest consideration.

We suggest that you begin acquiring medications well in advance of your team packing dates (see Checklist in Section 1 for suggested timeline). You will need to have plenty of time to individually package and label all of your medications for easy, quick distribution on the field. With this many pills, you will need to ask for assistance from team members, church members, and anyone else willing to help with the packaging and labeling. As mentioned later in this section, the packaging and labeling of pills must be done under the supervision of a pharmacist to avoid mis-labeling or mis-identification of medicines.

**Expiration dates of medicines:** Honduran and Nicaraguan law requires that all imported medicines have one year of shelf life (expiration date) from the day they arrive in the country. Therefore, be sure that you do not ship any medications that will expire within 12 months of the time your cargo is scheduled to arrive in port in Central America. While it is against the law, customs agents will, on some occasions, allow creams, ointments, and other topical medicines to pass if they have 6 months left on their expiration date. But this depends upon the attitude of the agent on duty on the day the medicines clear customs. So, if you ship short-dated medicines, there is no guarantee that these medicines will clear customs. *Never place a label with an expiration date that differs from the original over the expiration on the original label.* Your non-compliance with this regulation will have a negative effect on your team, the credibility of BMDMI, and possibly every other team that travels with BMDMI in the future.

**Note about Costs of Medicines in List:** We have given you an approximate cost of the meds in the following lists. These costs are based on current wholesale pharmacy order prices *in the United States*. We have noted with asterisks those medicines (creams, drops, and liquids) that may be purchased on the field. Later in this Section, you will find a list of prices on the Field Pharmaceutical Order Form for those medicines that may be ordered on the Field to compare with current prices in the U.S.. As you will see from this form, you may come out cheaper to order those particular medications directly from the Field. In this manner you will also save time and shipping expense.

**Number of Pills per Patient:** The easiest method of packaging your pill/tablets for quick, individual distribution is to put them into small Ziplock bags (approx. 3” x 4” each). The following lists of medications will give a suggested number of pills/tablets to package in each ziplock bag.

## Suggested Medications to Purchase from Contract Pharmacal Corporation (CPC)

Contract Pharmacal Corporation (CPC) can supply your Team with certain medications in bulk quantities at low prices. Following is a list of medications that CPC can offer you, the prices and the minimum quantities that have to be ordered. In some cases, the minimums are higher than the quantities you will actually need. However, the low prices offered by CPC still make it cheaper to order the higher amounts and use only what you need. You might be able to combine your order with another team that is near to you and thus lower the expense caused by the high minimum order quantities.

Item	Quantity for Honduras	Quantity for Nicaragua	Per Patient	Approximate Cost
Daily Adult Vitamins w/ Iron	80,000	100,000	50	\$6.58 /1,000
Children's Chewable Vitamins w/ Iron	40,000	50,000	50	\$9.90 /1,000
Folic Acid 800 mcg <sup>1</sup>	60,000	75,000	100	\$4.20 /1,000
Ferrous Sulfate <sup>2</sup>	50,000	60,000	60	\$4.86 /1,000
Chlorpheniramine 4 mg <sup>3</sup>	50,000	60,000	30	\$3.45 /1,000
Acetaminophen Tablets 325 mg	60,000	75,000	30	\$4.84 /1,000
Acetaminophen Tablets 80 mg <sup>4</sup>	15,000	20,000	30	\$5.05 /1,000
Titalac	50,000	60,000	30	\$8.10 /1,000

<sup>1</sup>CPC minimum order on Folic Acid is 100,000 tablets

<sup>2</sup>CPC minimum order on Ferrous Sulfate is 50,000 tablets

<sup>3</sup>CPC minimum order for Chlorpheniramine is 95,000 tablets

<sup>4</sup>CPC minimum order for Acetaminophen 80mg is 30,000 tablets

Contact Information for: Contract Pharmacal Corporation (CPC)  
 135 Adams Ave.  
 Hauppauge, NY 11788  
 Phone: (631) 231-4610 ext 3069  
 Fax: (631) 951-9001  
 Contact person: Sharon

Please allow up to three months for delivery of these products from CPC. You might want to order them as early as 8-9 months before your travel date.

## Suggested Medications to Purchase from Local Pharmacy or Hospital

\*\*Available for purchase in Central America (see Field Pharmaceutical Order Form for prices)

Item	Quantity for Honduras	Quantity for Nicaragua	Per Patient	Approx. Cost
Ibuprofen Tablets 400mg or 600mg	20,000	25,000	30	\$20.00 /1,000
Erythromycin Tablets 250 mg	500	500	24	\$35.00 /500
Amoxicillin Capsules 250 mg	5,000	20,000	24	\$40.00 /1,000
Amoxicillin Suspension 250mg/150ml**	150	200	1	\$2.20 each
Cephalexin Capsules 250 mg	500	1,000	24	\$80.00 /1,000
Cephalexin Suspension 250mg/200ml	12	12	1	\$13.00 each
Bactrim DS Tablets	4,000	5,000	14	\$65.00 /1,000
Bactrim Suspension (pints) **	12	15		\$20.00 /pint
Doxycycline Capsules/Tablets 100mg	500	500	14	\$65.00 /1,000
Metronidazole Tablets 250 mg	1,000	15,000	21	\$50.00 /1,000
Albuterol Tablets 2 mg	3,000	4,000	30	\$60.00 /1,000
Albuterol Elixir	8	12		\$10.00 /pint
Nitroglycerin SL	100	100		\$5.00 /100
Diflucan (Fluconazole) 150 mg tablets	250	250	1	\$35.00/100
Ketaconazole Tablets 200 mg	300	300		\$28.00/100
Atenolol 50 mg or Propranolol 20 mg	4,000 4,000	4,000 4,000	60 60	\$42.00/1,000 or \$27.00/1,000
HCTZ 25 mg	4,000	4,000	60	\$24.00 /1,000
Digoxin 0.125 mg	100	100	50	\$10.00 /100
Glyburide 5 mg	3,000	5,000	100	\$96.00 /1,000
Dimenhydrinate 50 mg	2,000	3,000	24	\$20.00 /1,000
Diphenhydramine 25 mg	3,000	3,000	30	\$5.00 /1,000
Meclizine 12.5 mg	2,000	2,000	30	\$30.00 /1,000
CaCO3 Chewable (Tums)/ <b>Titralac</b>	50,000	50,000	30	\$6.00 /1,000
Prednisone 5 mg	1,000	1,000		\$8.00 /1,000
Phenytoin Sodium, Dilantin 100 mg	3,000	3,000	100	
Carbamazepine 200 mg	2,000	3,000	100	\$60.00 /1,000
Phenobarbital Tablets 30 mg	2,000	3,000	100	\$4.00 /1,000
Cimetidine 400 mg or Ranitidine 150 mg	8,000	10,000	30	\$50.00 /1,000
Loperamide 2 mg	1,000	1,000	15	\$80.00 /1,000
Acetaminophen Oral drops **	60	72		\$1.30 each
Miconazole or Tolnaftate Cream	150-300	150-300		\$1.30 each
Steroid Cream **	150-300	150-300		\$1.40 each
Triple Antibiotic Cream	150-300	150-300		\$1.50 each
Antifungal Vaginal Cream **	30	36		\$6.50 each
Mycolog Cream	60	60		\$1.00 each
Visine Eye Drops/Tears	100-500	100-500		\$1.30 each
Sulfacetamide 10% Eye Drops **	60	72		\$1.35 each
Gentamycin Eye Drops **	60	72		\$1.20 each
Ear Drops for Pain **	72	96		\$1.00 each
Antibiotic Ear Drops **	72	96		\$1.76-\$2.23
Dramamine or Phenergan Injectable	2 vials	2 vials		
Rochephin 500 mg Injectable	40 doses	40 doses		
Vitamin B-12 Injectable 30 ml	40 vials	40 vials		
DepoMedrol or Celestone Injectable	1 vial	1 vial		
3" x 4" Ziplock bags	15,000	18,000		
Enalapril 10 mg	10,000	10,000		

## MEDICINES TO PURCHASE IN NICARAGUA OR HONDURAS

Most of the creams, ointments, ear/eye drops, and liquid medications your team will need can be purchased direct from a factory in Honduras or Nicaragua. Having us purchase these medications on your behalf in Central America will save you cargo expense and packing time — it's a very convenient option.

**Ointments and Eye/Ear Drops:** Certain creams and ointments, eye and ear drops and other medications are available in Honduras and Nicaragua for about the same price that you would have to pay in the U.S., and in some cases less than what you may pay in the U.S.. **With creams, ointments, and drops, you will be charged for whatever quantity you ask us to order for you.** You may order these by completing the Field Pharmaceutical Order Form found on the following page and fax it to the Teams Activities Department in Hattiesburg *no later than eight (8) weeks before your team's departure date.*

**Liquid Medicines:** BMDMI also maintains an inventory of certain liquid medications. We will provide your team with the quantities of liquid medicines that, based upon our experience, will suffice for an average team. *If you plan to do something with liquid medicines that is not normally done by teams (e.g. give every patient a bottle of cough syrup) please advise us of your intent.* Or, you may order specific amounts of each liquid medicine by completing the Field Pharmaceutical Order Form found on the following page. Your team will pay for only those liquid medicines your team actually uses. Any *unopened* liquid medications ordered through us will be credited to your team account. Be sure to have the Team Pharmacist (or other appointed pharmacy worker) to inventory these liquid medicines immediately upon arriving in the village and again when all team work is completed.

**Quantities to Order on the Field:** The number of creams, ointments, and suspension we suggest you order is noted on the medication lists provided earlier in this Section. We suggest the following quantities of *liquid* medications and Albendazole tablets:

	<u>Honduras</u>	<u>Nicaragua</u>
Albendazole Tablets	2,500	3,500
Piperazine	2 gallons	3 gallons
Vitamins	12 gallons	15 gallons
Benadryl	12 gallons	15 gallons
Kaopectate	5 gallons	not available
Cough Syrup	24 gallons	30 gallons
Permethrin Shampoo	24 gallons	30 gallons
Permethrin Lotion	6 gallons	10 gallons
Donnatal	2 gallons	2 gallons
Acetaminophen	12 gallons	15 gallons

As mentioned earlier, if you like, you may simply note on the Field Pharmaceutical Order Form that you want the "Standard" amount of liquid medications and the Mission will bring out what it feels will be an adequate supply. Any unopened gallons of liquid medications can be returned to the Mission for a credit.

**Dosing Instructions for Liquid Medications:** At the end of this Section you will find dosing instructions for the liquid medications you order for the field. We suggest you make a copy of these to take to the field for quick reference and ease of labeling.

## FIELD PHARMACEUTICAL ORDER FORM

**Team Captain's Name:** \_\_\_\_\_

**Date of Team Travel:** \_\_\_\_\_

Item Description	Cost for Honduras Teams	Cost for Nicaragua Teams	Amount You Wish to Order
Albendazole Tablets 400mg	\$65.00/500 tabs	\$65.00/500 tabs	
Steroid Cream 15 mg tube	\$1.09 each	\$1.65 each	
Mycolog Cream 15 mg tube	\$1.21 each	\$2.19 each	
Clotrimazole Cream 15mg tube	\$1.10 each	\$0.70 – \$1.12 each	
Clotrimazole Vaginal Cream	\$2.42 each	\$2.15 each	
Bactrim Susp. Generic	\$1.09/60ml each \$1.43/120ml each	\$1.31/120ml each	
Amoxicillin Susp 250mg/5ml 100ml	\$1.43 each	\$1.62 each	
Acetaminophen Oral Drops 20ml	\$0.77 each	\$1.10 each	
Metronidazole Susp. 4 oz.	\$1.21 each	\$1.31 each	
Gentamycin Opth. Drops 5ml	\$1.49 each	\$3.01 each	
Sulfacetamide Opth. Drops 5ml	\$1.38 each	n/a	
Benzocaine Ear Drops 15ml	\$0.77 each	\$0.78 each	
Antibiotic Ear Drops 15ml	\$1.76 each	\$2.23 each	
4 oz. plastic bottles with caps	\$110.00/1,000	\$143.00/1,000	
8 oz. plastic bottles with caps	n/a	\$118.00/1,000	

### Liquid Medications

Item Description	Cost for Honduras Teams	Cost for Nicaragua Teams	Amount You Wish to Order
Piperazine	\$14.00/gallon	\$15.00/gallon	
Vitamins	\$14.00/gallon	\$15.00/gallon	
Kaopectate	\$14.00/gallon	Not Available	
Benadryl	\$14.00/gallon	\$15.00/gallon	
Acetaminophen	\$14.00/gallon	\$15.00/gallon	
Cough Syrup (Guafenison DM/Robittusin DM)	\$14.00/gallon	\$15.00/gallon	
Permethrin Shampoo	\$24.00/gallon	\$25.00/gallon	
Permethrin Lotion	\$24.00/gallon	\$25.00/gallon	
Donnatal	\$14.00/gallon	Not Available	

NOTE: Any cream, ointment or plastic bottles you order above will be charged to your team regardless if any are left over. However, any *liquid* medicines that are unopened may be returned to the Mission for a credit. *These prices are subject to change without notice and orders are filled based upon availability.*

**Please fax completed form to the BMDMI Team Activities Office at 601-583-6009 no later than eight (8) weeks prior to your team's departure date.**

## MEDICINES AVAILABLE FROM OTHER AGENCIES

There are some organizations that, at times, distribute donated medications to non-profits such as BMDMI for a minimal fee. The availability of medicines from these organizations varies from week to week. We suggest you contact these agencies to see what they have available before ordering medicines from a local hospital or pharmacy. Contact information for some of these alternate agencies is provided later in this Section.

## MISCELLANEOUS NOTES REGARDING MEDICINES

- Some teams choose to give adult patients an injection of Vitamin B-12. This is a good policy since many Central American patients are accustomed to receiving injections every time they go to the doctor. You may substitute a B-complex injection for Vitamin B-12. If you choose to do this, be sure to bring sufficient syringes and alcohol prep pads.
- Substituting with physician's samples of more expensive medications is fine provided they meet expiration date requirements.
- We suggest your team bring some type of quinolone antibiotic (e.g. Levaquin, Cipro) for team or emergency use.
- We suggest that every patient that comes through your clinic be given the following medicines unless it is contraindicated for any reason:

- ↗ Vitamins
- ↗ Acetaminophen
- ↗ Albendazole or Piperazine
- ↗ Antihistamine
- ↗ Folic Acid
- ↗ Ferrous Sulfate
- ↗ Antacid

- Pack 100 folic acid tablets per package with directions to take ½ tablet daily. Give this to all females of child-bearing age. Neural tube birth defects are quite common in Central America and it is believed that a lack of folic acid might be one of the causes.
- Give pregnant women enough vitamins, folic acid, and iron tablets to finish term plus one month.

## PACKAGING AND LABELING OF TEAM MEDICATIONS

All of your team's pills and suspensions must be packaged and labeled for individual distribution in the village *before you ship it as team cargo*. This can be a time-consuming and labor-intensive endeavor. We suggest that the Team Pharmacist and Team Captain arrange "pill packing" parties when team members and other volunteers can help package and label the pills. It's a good way to have lots of people involved in your team's ministry, especially those who are not able to travel on the team.

**Pill Packets & Labels:** Most teams purchase 3" x 4" ziplock bags for pill packing. You can purchase these at [www.bagsonthenet.com](http://www.bagsonthenet.com). Of course, *all of your medicine labels must be written in Spanish for villagers to be able to understand dosing, indications, and expiration dates*. Included with the Team Captain's Manual is an up-to-date CD in MS Word format containing Spanish labels for most all medications that teams normally use. Simply enter the expiration date (and any other changes such as medicine strength that may be different) and copy/paste the label instructions to the other blank labels on that page and then print directly to the labels. Please use Avery Labels #8160.

The number of labels required can be determined by dividing the number of tablets or capsules that you purchase by the amount to be packed in each bag. Always print a few extra. If you have access to a dot matrix printer, the labels are less expensive than laser printer labels. Use the label printing CD included in this manual.

A properly written label will contain five types of information.

- Name of drug
- Strength of drug
- Directions for use
- Purpose for use
- Expiration date

An example follows:

**Chlorpheniramine 4 mg**  
**Tome una tableta cuatro veces al dia para alergia.**  
**Vence: Sept 2010**

*(translation: Chlorpheniramine 4 mg, Take one tablet four times a day for allergy. Expires September 2010)*

As mentioned earlier, a disk is provided with this manual of the most frequently used team medications. These labels will have the medicine name, strength, dosage, and purpose in Spanish. There will also be a space to enter the expiration date. If you have any questions about printing these labels in Spanish, contact the Team Activities Department (see Contact Information in Section 1).

**Additional Labels:** You will need to print some additional labels to have on hand in your Team Pharmacy for liquid medicines. Print the following quantity of *labels for liquid medicine* we purchase for you in Honduras or Nicaragua. These labels can also be found on the disk:

Kaopectate (Antibak)	500 labels
Antihistamine	1,500 labels
Liquid Vitamins	500 labels
Cough Syrup	1,500 labels
Acetaminophen Elixir	500 labels
Donnatal (Antispasmodic)	100 labels
Permethrin Shampoo	1,500 labels
Permethrin Lotion	500 labels
Piperazine Elixir	300 labels

Print 500 *generic liquid medicine labels* in case you run out of a particular one:

**Tome \_\_\_\_\_ cucharadita(s) \_\_\_\_\_ veces al dia para \_\_\_\_\_.**

*(translation: Take \_\_\_\_\_ teaspoon(s) \_\_\_\_\_ times a day for \_\_\_\_\_.)*

Print 100 *generic pill labels* that can be used for special dosing:

**Tome \_\_\_\_\_ tableta(s) \_\_\_\_\_ veces al dia para \_\_\_\_\_ .**

*(translation: Take \_\_\_\_\_ tablet(s) \_\_\_\_\_ times a day for \_\_\_\_\_.)*

**Care in packing:** Special care should be given to the packaging and labeling of medicines. At times we find medicines that are incorrectly labeled. This is caused by applying the wrong label to a particular

medicine and occurs when there are many people packaging medicines at the same time without adequate supervision. We highly recommend (almost demand) that the supervision of the packaging be done by a pharmacist. If someone other than the pharmacist is going to take medicines home or elsewhere, the pharmacist should give them only one type of medicine and labels for only that medicine to avoid confusion and possible mis-labeling.

**Measuring tablets:** With many medications (e.g. vitamins, analgesics, etc.) it is not necessary to count the exact number of tablets in each bag; an estimate will suffice. For example, some people count 50 vitamins (or other medicine) into a prescription vial, and then mark the level to which the vial is filled. Then they just measure the tablets using the marked vial. This allows for quick pill packing.

## **DOSAGE AND USE OF ALBENDAZOLE AND PIPERAZINE**

One of the services your clinic will provide is to dispense medicine for parasites to the vast majority of people coming through the clinic. Baptist Medical & Dental Mission International uses two medications: albendazole tablets and piperazine elixir.

Very few North American physicians or pharmacists are familiar with the use of albendazole or piperazine. If you would like prescribing and dosage information on these products, you may find it by going to the web-site of Medline Plus. This is a webpage service of the U.S. National Library of Medicine and of the National Institute of Health.

**Albendazole** has not been studied in pregnant women, but has caused birth defects in animals. Therefore, *most physicians choose not to give albendazole to pregnant women.* For adults and children over 2 years of age the dosage of albendazole for pinworms, roundworms and hookworms is 400 mg given as a single dose. The albendazole tablet is given to the patient while in the medical clinic.

**Piperazine** has not been studied in pregnant women but has not shown to cause birth defects in animals. Therefore, *we recommend the use of piperazine to treat pregnant women in the last three months of pregnancy.* The piperazine elixir is given to the patient at the Team Pharmacy. The dosage for piperazine is as follows:

### Piperazine Elixir (10% solution)

10-30 lbs.	2 teaspoons one time only (10ml)
30-60 lbs.	4 teaspoons one time only (20ml)
60-80 lbs.	4 teaspoons twice a day for one day (40ml)
Over 80 lbs.	3 teaspoons three times a day for one day (45ml)

**\*\*Please see information on this CD for Albendazole, Piperazine, and Permethrin lotion & cream.**

## INVENTORIES OF MEDICINES

It is crucial that you present the BMDMI Team Activities Department with accurate inventories of the medications your team will be shipping to Honduras or Nicaragua. Every medication shipped must be included on your inventories.

You will need to prepare *two (2) distinct inventory lists* as detailed below and send them to the Team Activities Department (see end of this Section for address and fax number information). The first inventory list should be titled “Non-controlled Medicines” and will list those medications that are considered non-controlled. The second inventory list should be titled “Additional Medications” and will list those medications that are considered *controlled* drugs, including dental anesthesia; however, please do not use the word “controlled” anywhere on this second inventory. Most of your medications are considered non-controlled. Examples of controlled drugs for the “Additional Medications” inventory include: dental anesthesia, Loperamide (Imodium), Tylenol with Codeine, Phenobarbital. Both inventories should include an area for the generic name, brand name, strength, quantity, and expiration date.

In order to register your team’s medications with various departments of the governments of Honduras and Nicaragua, the Team Activities Department must receive inventories with detailed medication information no less than *ten (10) weeks prior to your team’s departure date* in order that the drugs can be approved by the Minister of Health, the Drug Enforcement Agency, and customs prior to your arrival.

### Sample Inventory “Non-controlled Medicines”

Generic Name	Brand Name	Strength	Quantity	Expiration Date
Acetaminophen tabs		325mg	60,000	7-2010
Ibuprofen tabs		400mg	20,000	2-2012
Adult Vitamins w/Iron			50,000	5-2010
Cephalexin caps	Keflex	250mg	1,000	5-2011
Betamethasone	Celestone Inj	4mg/ml	20ml	9-2010
Diphenhydramine	Benadryl caps	25 mg	4,000	10-2009
Chlorpheniramine		4mg	20,000	6-2009

### Sample Inventory “Additional Medicines”

Generic Name	Brand Name	Strength	Quantity	Expiration Date
Lidocaine inj	Xylocaine	2%	300 vials	5-2009
Mepivacaine inj	Carbocaine	3%	200 vials	2-2010
Loperamide	Imodium	2mg	1,000	1-2010
Phenobarbital		30mg	2,000	12-2011
Acetaminophen w/Codeine	Tylenol with Codeine	325/15mg	100	7-2009

## MISCELLANEOUS PHARMACY SUPPLIES

Baptist Medical and Dental Mission International will provide plastic trays, bins, and pump dispensers for use in the Team Pharmacy; you do not need to bring these. But if the Team Pharmacist would like to have a graduate or other pharmacy supplies, you will need to bring them.

Some additional items that your team may wish to purchase and pack for the Team Pharmacy:

Ball Point pens (24)	Plastic sheeting to cover tables
Duct tape	Scotch tape
Magic Markers (3)	Trash Bags
Paper towels	Laminated dosage charts (enclosed)
Box fans, extension cords	Note pad (scratch paper)
2 qt plastic pitcher (2)	Plastic shopping bags (2500)
3" x 4" extra plastic zip-lock bags (50)	Graduated cylinder for measuring Piperazine
Dispensers (pumps) for liquid meds-call Berlin Packaging at (800)-423-7546 and request their order catalog and price list.	

Don't forget to bring your *pre-printed Labels* for the liquid meds and creams that will be purchased on the field.

## CONTACT INFORMATION FOR BMDMI

Baptist Medical & Dental Mission International  
11 Plaza Drive  
Hattiesburg, MS 39402

### Team Activities Department

Phone: 601-544-5007

Fax: 601-583-6009

Email: jane@bmdmi.org

Email: will@bmdmi.org

(Jane Stansell, Team Activities Coordinator for Honduras)

(Will Holder, Team Activities Coordinator for Nicaragua)

### Mission Administrative Office

Phone: 601-544-3586

Fax: 601-544-6508

Email: dwightcarr@bmdmi.org

accountant@bmdmi.org

(Dwight Carr, President)

(Christy Draughn, Accountant)

## CONTACT INFORMATION FOR ORGANIZATIONS OFFERING DONATIONS OR REDUCED PRICING OF PHARMACEUTICALS AND CLINIC SUPPLIES

### BLESSINGS INTERNATIONAL

5881 South Garnett

Tulsa, OK 74146

Phone: (918) 250-8101

Contact person: Shari Steele

[www.blessing.org](http://www.blessing.org) Login- Peace; Password- Joy

### MAP INTERNATIONAL

2200 Glyngo Parkway

Brunswick, GA 31525

Fax: (912) 280-6638

Contact person: Anna Marie

[www.map.org](http://www.map.org)

### CONTRACT PHARMACAL CORPORATION (CPC)

135 Adams Ave.

Hauppauge, NY 11788

Phone: (631) 231-4610 ext 3069

Fax: (631) 951-9001

Contact person: Sharon

**Allow 8-12 weeks after receipt of check**

CROSSLINK INTERNATIONAL (medical supplies, medicine, eyeglasses, etc.)  
427 North Maple Avenue  
Falls Church, Virginia 22046  
Phone: (703) 534-5465  
Fax: (703) 536-8349  
Contact Person: Melinda Matzen  
[www.crosslinkinternational.net](http://www.crosslinkinternational.net)

INTERCHURCH MEDICAL ASSISTANCE, INC.  
500 Main Street, Building Old Main  
P.O. Box 429  
New Windsor, Maryland 21776  
Phone: (410) 635-8720  
Fax: (410) 635-8726  
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Email: [imainfo@imaworldhealth.org](mailto:imainfo@imaworldhealth.org)  
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KINGSWAY CHARITIES  
1119 Commonwealth Ave.  
Bristol, VA 24201-2629  
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Fax: 276-466-0955  
Contact: Jean Collins  
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**Allow 8 weeks for delivery**

*On this CD you will find information from several pharmaceutical companies themselves that have donation programs for medical mission trips.*

# SUGGESTED PERSONNEL & LAYOUT FOR TEAM PHARMACY

**Card  
Drop-Off:**

One person  
at window or  
door to take  
cards and  
direct  
patients to  
dispensing  
area.

**VITAMINS**

**ANALGESICS**

**ANTIBIOTICS**

**ANTIHISTAMINES**

**ALL OTHER  
TABLETS/CAPLETS**

**ALL LIQUID MEDS**

**Medicine  
Dispensing:**

One or two  
people at  
this window  
to dispense  
and explain  
medications  
to patients.

# **DOSING INSTRUCTIONS**

**The following pages contain charts for dosage of liquid medicines. Your team may wish to copy these and take them to the Field for easy reference in the Pharmacy.**

# TYLENOL LIQUID

Less than 10 lbs. ----- ½ teaspoon

10-20 lbs. ----- 1 teaspoon

21-40 lbs. ----- 2 teaspoons

41-60 lbs. ----- 3 teaspoons

Over 60 lbs. ----- 4 teaspoons

<Four times a day>

# KAOPECTATE

Less than 10 lbs. ----- ½ teaspoon

10-20 lbs. ----- ¾ teaspoon

21-40 lbs. ----- 1 teaspoon

41-60 lbs. ----- 2 teaspoons

61-100 lbs. ----- 3 teaspoons

Over 100 lbs. ----- 4 teaspoons

<Six times a day>

# DONNATAL

Less than 10 lbs. -----  $\frac{1}{4}$  teaspoon

10-20 lbs. -----  $\frac{1}{2}$  teaspoon

21-40 lbs. -----  $\frac{3}{4}$  teaspoon

41-60 lbs. ----- 1 teaspoon

61-100 lbs. ----- 1  $\frac{1}{2}$  teaspoons

Over 100 lbs. ----- 2 teaspoons

<Four times a day>

# COUGH SYRUP (ROBITUSSIN DM)

Less than 10 lbs. -----  $\frac{1}{4}$  teaspoon

10-20 lbs. -----  $\frac{1}{2}$  teaspoon

21-50 lbs. -----  $\frac{3}{4}$  teaspoons

51-70 lbs. ----- 1 teaspoon

71-100 lbs. ----- 1  $\frac{1}{2}$  teaspoons

Over 100 lbs. ----- 2 teaspoons

<Four times a day>

# BENADRYL

Less than 10 lbs. -----  $\frac{1}{4}$  teaspoon

10-30 lbs. -----  $\frac{1}{2}$  teaspoon

31-50 lbs. -----  $\frac{3}{4}$  teaspoons

51-70 lbs. ----- 1 teaspoon

71-100 lbs. ----- 1  $\frac{1}{2}$  teaspoons

Over 100 lbs. ----- 2 teaspoons

<Four times a day>

# VITAMINS

Less than 10 lbs. -----  $\frac{1}{4}$  teaspoon

10-20 lbs. -----  $\frac{1}{2}$  teaspoon

21-30 lbs. -----  $\frac{3}{4}$  teaspoon

Over 30 lbs. ----- 1 teaspoon

<One time a day>

# AMOXICILLIN-125

Less than 10 lbs. -----  $\frac{1}{4}$  teaspoon

10-20 lbs. -----  $\frac{1}{2}$  teaspoon

21-40 lbs. -----  $\frac{3}{4}$  teaspoon

41-60 lbs. ----- 1 teaspoon

61-80 lbs. ----- 1  $\frac{1}{2}$  teaspoons

Over 80 lbs. ----- 2 teaspoons

<Three times a day>

# CEPHALEXIN-125 (KEFLEX)

Less than 10 lbs. -----  $\frac{1}{4}$  teaspoon

10-20 lbs. -----  $\frac{1}{2}$  teaspoon

21-40 lbs. -----  $\frac{3}{4}$  teaspoon

41-60 lbs. ----- 1 teaspoon

61-80 lbs. ----- 1  $\frac{1}{2}$  teaspoons

Over 80 lbs. ----- 2 teaspoons

<Four times a day>  
**PENNICILLIN-VK**  
**125mg**

Less than 10 lbs. -----  $\frac{1}{4}$  teaspoon

10-20 lbs. -----  $\frac{1}{2}$  teaspoon

21-40 lbs. -----  $\frac{3}{4}$  teaspoons

41-60 lbs. ----- 1 teaspoon

61-80 lbs. -----  $1 \frac{1}{2}$  teaspoons

Over 80 lbs. ----- 2 teaspoons

<Four times a day>

## **BACTRIM**

Less than 10 lbs. -----  $\frac{1}{4}$  teaspoon

10-20 lbs. -----  $\frac{1}{2}$  teaspoon

21-40 lbs. ----- 1 teaspoon

41-60 lbs. -----  $1 \frac{1}{2}$  teaspoons

61-80 lbs. ----- 2 teaspoons

Over 80 lbs. ----- 3 teaspoons

<Two times a day>

# PIPERAZINE

(10% solution)

Quantity/Amount

10-30 lbs. — 2 teaspoons one time only 10 ml

30-60 lbs. — 4 teaspoons one time only 20 ml

60-80 lbs. — 4 teaspoons twice a day  
for one day 40 ml

Over 80 lbs. — 3 teaspoons three times  
a day for one day 45 ml

# ALBUTEROL SYRUP

Less than 10 lbs. -----  $\frac{1}{4}$  teaspoon

10-20 lbs. -----  $\frac{1}{2}$  teaspoon

21-40 lbs. -----  $\frac{3}{4}$  teaspoon

41-60 lbs. ----- 1 teaspoon

61-80 lbs. ----- 1  $\frac{1}{2}$  teaspoons

Over 80 lbs. ----- 2 teaspoons

<Four times a day>

# CHILDREN'S TYLENOL DROPS

6-11 lbs. -----  $\frac{1}{2}$  dropper or 0.4ml

12-17 lbs. ----- 1 dropper or 0.8ml

18-23 lbs. --- 1  $\frac{1}{2}$  dropper or 0.8 + 0.4ml

24-35 lbs. --- 2 droppers or 0.8 + 0.8ml

<Four times a day>

# CHILDREN'S CHEWABLE TABLETS (APAP)

25-35 lbs. ----- 2 tablets

35-45 lbs. ----- 3 tablets

45-60 lbs. ----- 4 tablets

60-70 lbs. ----- 5 tablets

70-95 lbs. ----- 6 tablets

<Four times a day>

# JR. STRENGTH CHEWABLE TABLETS (APAP)

45-60 lbs. ----- 2 tablets

60-70 lbs. ----- 2 ½ tablets

70-95 lbs. ----- 3 tablets

95 lbs. and over ----- 4 tablets

<Four times a day>