

**TRAINING OF HEALTH WORKERS
ON INTEGRATED
MANAGEMENT OF CHILDHOOD ILLNESS
(IMCI), LUSAKA, ZAMBIA**

13 May–14 June 1996

Teshome Desta

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ACKNOWLEDGMENTS

I am very grateful to the BASICS project in Washington for inviting me to facilitate the IMCI course in Lusaka, Zambia.

I would also like to express my sincere gratitude to the staff of the BASICS project in Lusaka, Zambia, for their warmest hospitality which I enjoyed throughout the IMCI course.

ACRONYMS

ICM	Integrated Case Management
IMCI	Integrated Management of Childhood Illness
OPD	Outpatient Department
UNICEF	United Nations Children's Fund
UTH	University Teaching Hospital
WHO	World Health Organization

EXECUTIVE SUMMARY

Venue:	Lusaka, Zambia	
Dates:	13–24 May 1996	IMCI course
	27–31 May 1996	Facilitator training
	3–14 June 1996	Training of health workers

Background

Pneumonia, diarrhea, malaria, measles and malnutrition cause more than 70 percent of the deaths in children under 5 years of age. To prevent these deaths, WHO and UNICEF have developed a set of integrated guidelines called integrated management of childhood illness (IMCI), also called integrated case management (ICM), to be used by first level health workers.

Arrangements

The facilities for outpatient clinical practice at the Kanyama health center, the Chawama health center, and the outpatient department of the University Teaching Hospital (UTH) were examined and the logistic arrangements were made with responsible authorities.

The necessary arrangements were also performed with the head of the department of pediatrics at the University Teaching Hospital for inpatient clinical practice. The outline of the IMCI course was prepared (Appendix A). There were 18 participants who were divided into three groups.

Objectives

The objective of the course was to train health workers in integrated management of childhood illnesses to prevent the unacceptably high mortality and to train health workers who will be future trainers after being trained as facilitators.

Observations

1. The opening ceremony of the IMCI course was on 13 May 1996, but the author did not attend the ceremony because of a delay in the processing of many trip formalities. The author joined the course on 15 May 1996 as a clinical facilitator.
2. Because of administrative problems, patients in Chawama were seen early by the clinic staff and sent home. As a result, it was difficult to get an adequate number of cases for clinical practice. Therefore, the Chawama health center was left out and a new arrangement was made with the UTH OPD for outpatient clinical practice.

A

G

Achievements

The IMCI course was well received and mastered by the participants.

Eight of the course participants were selected to attend a course from 27–31 May 1996 to develop their course facilitation skills and to then serve as facilitators for the IMCI course from 3–14 June 1996 to train health workers from the Lusaka district.

Facilitator Training: 27–31 May 1996

After selecting eight participants to have facilitator training, the program for facilitator training was prepared (Appendixes B and C). The training began on 27 May 1996 and ended on 31 May 1996. Since, the participants have had an intensive training on the content of IMCI. The facilitator training focused mainly on facilitation skills.

The facilitator training was completed as scheduled, although it appears that one week of facilitator training is a bit short.

Then the facilitators prepared the necessary facilities over the weekend for the training of health workers from 3–14 June 1996, where the author was a course director.

REPORT ON IMCI WORKSHOP: 3–14 JUNE 1996

Introduction

Lusaka is the capital city of the Republic of Zambia. The department of pediatrics of the University Teaching Hospital (UTH) in Lusaka has around 300 inpatient beds, a nursery with 120 beds, and an outpatient department (OPD). There are also health centers which are staffed by clinical officers, nurses, and in some instances by medical doctors. Lusaka is a high malaria risk area.

The sites for outpatient clinical practice which were visited and selected included the Kanyama health center, the Kabwata health center, and the UTH OPD. The focal person in each site was selected to arrange patients for clinical practice. The inpatient facilities for inpatient clinical practice were arranged by the pediatric department. Twenty-one participants from Lusaka were medical doctors, clinical officers and nurses (Appendix D). They were divided into three groups of seven participants each, and the facilitators were also assigned to each group (Appendix E).

The overall program for the IMCI training of health workers 3–14 June 1996 was prepared (Appendix F).

The schedule for clinical practice of each group from 4–14 June 1996 was prepared (Appendix G1-6).

The IMCI workshop was officially opened on 3 June 1996 at 8:30. All the participants and officials concerned were present. An introductory lecture about the need and rationale for IMCI was given by the course director. The relevant orientation concerning the class work, clinical practice, transportation, etc., was given.

Objectives

The objectives of the course were to train health workers on the integrated management of childhood illness so that the health worker will be able to:

1. Assess signs and symptoms of illness and nutritional and immunization status;
2. Classify the illness;
3. Identify treatments for the child's classifications and decide if a child needs to be referred;
4. Give important pre-referral treatments and refer the child;
5. Provide treatments in the clinic, such as oral rehydration therapy, vitamin A and immunization;
6. Teach mothers to give specific treatments at home, such as an oral antibiotic or antimalarial;
7. Counsel mothers about feeding and when to return; and
8. Reassess the problem of a child on a scheduled follow-up and provide appropriate care.

Observations

1. The number of patients was very low at the Kabwata health center for Group A's outpatient clinical practice. The course director communicated with the head nurse at the Kamwala health center, and the next day's outpatient clinical practice was arranged to be at the Kamwala health center. The patient load at that center was 50–150 per day, as reported by the head nurse and substantiated by reviewing the center's registration book. At the Kamwala health center, participants were able to see an adequate number of cases throughout the course, except for cases of sick infants.

2. Although there were a lot of patients for outpatient clinical practice at the Kamwala health center, most parents liked to go home early to avoid cueing in the open space in the cold weather.

The schedule was therefore rearranged so that the outpatient clinical practice would start no later than 9:20 a.m. at the Kamwala health center; subsequently it went very smoothly.

3. Groups B and C did not have an adequate number of sick infants for outpatient clinical practice at the Kamwala and Kanyama health centers, respectively, on Day 10. Therefore, since Group A had a good number of sick infants during the outpatient clinical practice at UTH OPD, the schedule was readjusted so that Groups B and C would go to the UTH OPD and nursery, respectively, to compensate for Day 10 outpatient clinical practice; Group A would go to the Kamwala health center.
4. Participants had a good number and variety of cases for inpatient and outpatient clinical practice, but none of them were able to see a case of clouding of the cornea or tender swelling behind the ear (mastoiditis). This may be because of the rarity of these conditions in Lusaka.
5. The opportunity to assess sick infants at the OPD was inadequate because of the low number of sick infants visiting the Kanyama and Kamwala health centers.
6. The entire group was hardworking, devoted and enthusiastic about learning throughout the course. Everyone was punctual, from the time of the opening ceremony to the end of the course. The course was well received and mastered by the participants and completed on time.

Achievements

The participants were able to have clinical practice on an adequate number of a variety of cases both at the inpatient and outpatient sessions. This is summarized in the course director's summary (Appendix H).

The objectives of this course were well met, as shown in the summary of participants' performance. The accuracy of their performance was 75–100 percent, except in the assessment of dehydration and severe malnutrition (Appendix I).

↑

A total of 417 sick children were seen at the three sites during outpatient clinical practice:

Kamwala health center	157
UTH OPD	146
Kanyama health center	<u>114</u>
Total	417 patients

The average number of patients seen per participant is 19.85.

Therefore, the learning objectives of this workshop were successfully achieved. The summary of the course evaluation by the participants is attached (Appendix I).

Recommendations

1. Additional persons with expert pediatric skills should be trained to serve as inpatient and outpatient clinical facilitators and to clarify technical questions during the subsequent IMCI workshop.
2. Some differences exist between the *Zambian* adaptation of the IMCI and the accepted and well-supported international practices. This causes confusion for the participants. These differences are:
 - a. OPV-0 is not given at birth;
 - b. DPT-1 and DPV-1 are given at 8 weeks rather than 6 weeks; and
 - c. Chronic ear infection is to be treated with a course of antibiotics, but current research shows that most chronic ear infections will not benefit from antibiotics.

Therefore, there is a need to reexamine the *Zambian* adaptation of IMCI.

3. There is a need to arrange technical seminars for facilitators to give them the technical background of IMCI.

APPENDIXES

APPENDIX A

**IMCI Workshop 13–24 May 1996
Course Outline**

**MANAGEMENT OF CHILDHOOD ILLNESS
1ST TRAINING COURSE FOR TRAINERS
LUSAKA, ZAMBIA 13 - 24 MAY 1996**

Day 1: Monday, 13 May 1996

- 08:00-8:30 Registration
08:30-9:30 Opening ceremony
09:30-10:00 Coffee/Tea break
- 10:00-12:30 Small group work:
- ▶ Module Introduction
 - ▶ Module *Assess and Classify the Sick Child Age 2 months up to 5 years*
- 12:30-13:30 Lunch
- 13:30-15:15 Small group work:
- ▶ Module *Assess and Classify the Sick Child Age 2 months up to 5 years*
- 15:15-15:30 Coffee/Tea break
- 15:30-17:30 Small group work:
- Module: ▶ *Assess & Classify the Sick Child Age 2 months up to 5 years through 4.1 Assess Diarrhoea*
- Video ▶ General danger signs, cough or difficult breathing

Starting from Tuesday, 14 May work in small groups:

- ▶ **Each group starts at 08:00**
- ▶ **Lunch from 12:30 - 13:30**
- ▶ **Morning coffee/tea break at University Teaching Hospital**
- ▶ **Afternoon coffee/tea break 15:15-15:30 at Andrews Motel**
- ▶ **End of group work at 17:30**

Day 2: Tuesday, 14 May 1996

8:00 - 12:30

Outpatient session: *Assess & Classify the Sick Child:*

- ▶ Check for general danger signs
- ▶ Assess and classify cough or difficult breathing

Inpatient session:

- ▶ Check for general danger signs
- ▶ Assess and classify cough or difficult breathing

13:30 - 17:30

Module

- ▶ *Assess & Classify the Sick Child* through 5.1 Assess Fever

Video

- ▶ Diarrhoea

Day 3: Wednesday, 15 May 1996

8:00 - 12:30

Outpatient session: *Assess & Classify the Sick Child:*

- ▶ Assess and classify diarrhoea

Inpatient session:

- ▶ Assess and classify diarrhoea

13:30 - 17:30

Module:

- ▶ Continue *Assess and & Classify the Sick Child* through 6.2 Classify Ear Problem

Video

- ▶ Fever

Day 4: Thursday, 16 May 1996

8:00 - 12:30

Outpatient session: *Assess & Classify the Sick Child:*

- ▶ Assess and classify fever

Inpatient session:

- ▶ Assess and classify fever

13:30 - 17:30

Module:

- ▶ Finish *Assess & Classify the Sick Child*

Video

- ▶ Ear problem, malnutrition and anaemia

Day 5: Friday, 17 May 1996

8.00 - 12.30

Outpatient session: *Assess & Classify the Sick Child:*

- ▶ Assess and classify ear problem
- ▶ Check for malnutrition and anaemia

Inpatient session:

- ▶ Assess and classify ear problem
- ▶ Check for malnutrition and anaemia

13.30 - 17.30

Module:

- ▶ Identify treatment

Day 6: Saturday, 18 May 1996

8:00 - 13:30

Outpatient session: *No outpatient session*

Inpatient session:

- ▶ Assess and classify malnutrition and anaemia

13.30 - 17.30

Module

- ▶ *Treat the Child* through 4.0 Teach the mother to treat local infections

Sunday, May 19th 1996: Day Off

Day 7: Monday, 20 May 1996

8:00 - 12:30

Outpatient session: *Identify Treatment - Treat the Child*

- ▶ Identify treatment
- ▶ Teach mother to give oral drugs
- ▶ Advise mother when to return immediately

Inpatient session:

- ▶ Assess and classify sick children

13:30 - 17:30

Module:

- ▶ Finish *Treat the Child*

Day 8: Tuesday, 21 May 1996

8:00 - 12:30

Outpatient session: *Treat the Child:*

- ▶ Treat diarrhoea at home: Plan A
- ▶ Treat some dehydration with ORS: Plan B

Inpatient session: *Treat the Child*

- ▶ Treat some dehydration with ORS: Plan B
- ▶ Treat severe dehydration quickly: Plan C
- ▶ Assess and classify additional children

13:30 - 17:30

Module:

- ▶ *Counsel the Mother* through 3.0 Counsel the mother about feeding problems

Day 9: Wednesday, 22 May 1996

8:00 - 12:30

Outpatient session: *Counsel the Mother*

- ▶ Counsel the mother about feeding problems

Inpatient session: *Treat the Child*

- ▶ Observe and practice Plan B and Plan C
- ▶ Assess and classify additional children

13:30 - 17:30

Module:

- ▶ Finish *Counsel the Mother*
- ▶ *Management of the Sick Young Infant* through 1.4 Classify Diarrhoea.

Video:

- ▶ Assess & Classify young infant for bacterial infection

Day 10: Thursday, 23 May 1996

8:00 - 12:30

Outpatient session: *Management of the Sick Young Infant*

- ▶ Assess & classify young infants for bacterial infection & diarrhoea

Inpatient session:

- ▶ Assess & classify young infants for bacterial infection & diarrhoea

13:30 - 17:30

Module:

- ▶ Finish *Management of Sick Young Infant*

Video

- ▶ Assessment of breast-feeding

Day 11: Friday, 24 May 1996

8:00 - 12:30

Outpatient session: *Management of the Sick Young Infant*

- ▶ Assessment of breast-feeding
- ▶ Correct positioning and attachment

Inpatient session:

- ▶ Assessment of breast-feeding
- ▶ Assess & classify young infants

13:30-16:30

Module:

- ▶ Follow-up

16:30 - 17:30 CLOSING SESSION

APPENDIX B

**IMCI Facilitators' Training 27-31 May 1996
Course Outline**

**INTEGRATED MANAGEMENT OF CHILDHOOD ILLNESS
FACILITATORS' TRAINING
27 - 31 MAY, 1996**

MONDAY 27 MAY, 1996

- 08:00 - 12:30 Introduction to Facilitators' Training and Facilitators' Guide
Guidelines for Introduction Module
Guidelines for Assess and Classify the Sick Child Age 2 months up to 5 years Module
- 13:30 - 17:00 Guidelines for Assess and Classify Module (contd.)
- BREAK:**
- 10:15 - 10:30 MORNING TEA**
- 12:30 - 13:30 LUNCH**
- 15:15 - 15:30 AFTERNOON TEA**

TUESDAY 28 MAY, 1996

- 08:00 - 12:30 Guidelines for Assess and Classify Module (contd.)
Guidelines for using Participant Monitoring Checklist
- 13:30 - 17:00 Guidelines for Identify Treatment Module

WEDNESDAY 29 MAY, 1996

- 08:00 - 12:30 Guidelines for Treat the Child Module
Clinical Practice
- 13:30 - 17:00 Guidelines for Counsel the Mother Module

THURSDAY 30 MAY, 1996

- 08:00 - 12:30 Guidelines for Management of the Sick Young Infant Module
Clinical Practice
- 13:30 - 17:00 Guidelines for Management of the Sick Young Infant Module (contd.)

FRIDAY 31 MAY, 1996

08:00 - 12:30 Guidelines for Follow-Up Module

13:30 - 17:00 Guidelines for Follow-up Module (contd.)

APPENDIX C

**Coordinating Facilitators' Training 27-31 May 1996
Program**

Schedule for coordinating facilitators' training
27 - 31 May 1996

Day 1

1. Introduction - facilitators' training and guide'

Self Introduction

Read A1-7

Read I-3 to I-8

Introduction module

Read B2-7 - Doyin

Assess and classify module

2. Read C2; I-11 - Individual feedback 1

Exercise A - Tesfaye

3. Read C2; C9-12; 15 & 16 - Demonstration 1

Read C17-20 - Demonstration 2 - Paultre

4. Read C21-22 - Individual feedback 2

Exercise B - Tesfaye

5. Read C25-27 - Video Exercise

Exercise C - Teshome

6. Read C31-32; & I-13 - Group Discussion

Exercise D - Doyin

7. Read C34-35 - Drill - Paultre

8. Read C40; & I-9 - Individual f/back 3 - Ex. E

Read C43 - Individual f/back 4 - Ex. F - Teshome

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9. Read C47-48 - Video - Ex. G - Tesfaye
10. Read C51-52 - Photograph Exercise
Exercises H - J - Paultre
11. Read C58 - Drills - Teshome
12. Read C60-61 - Group Discussion
Example case for Exercise K;
Exercise K - Individual Feedback 5 - Doyin
13. Read C68-69 - Video Exercise
Exercise L - Paultre
14. Read C71 - Individual Feedback 6
Exercises M - Tesfaye
15. Read C73 - Photograph Exercises
Exercises N & O - Teshome
16. Read C77; C82 - Individual feedback
Exercises P & Q - Tesfaye
17. Read C85 - Drill - Doyin
18. Read C87 - Individual feedback
Exercise R - Paultre
19. Read C92 - Video exercise
Exercise S - Tesfaye
20. Read C98 - Summarize module
Group discussion - Doyin

23

Identify treatment module

21. Read D2, D3-6 - Introduce the module
discuss (skip individual feedback) - Teshome
22. Read D8-10; D15 - Demonstration & individual feedback
Exercise B (skip Exercise C) - Paultre
23. Read D17 - drill - Doyin
24. Read D24-26 - Role play - Teshome
25. Read D29 - Tesfaye

Treat the Child

26. Read E2, E4-7 - Introduce module & demonstration
- Paultre
27. Read E11 - Drill - Teshome
28. Read E30-31 - Role Play - Doyin
29. Read E44-45 - Case study + Grp. discussion
Exercise F - Tesfaye
30. Read E58-60 - Group Activity + Individual work & feedback
Exercise G - Teshome
31. Read E70 - Drill - Paultre
32. Read E75; Exercises Annex C-1,2,3,4 - Tesfaye
33. Read E89 - Group Discussion
Exercise K - Doyin
34. Read E92 - Summarize the module - Paultre

Counsel the Mother

- 35. Read F2-4 - Introduce module - Tesfaye
- 36. Read F6 - Drill - Teshome
- 37. Read F11 & 18 - Reading & Short Answer Exercises
- Doyin
- 38. Read F19 - Example Role play - Paultre
- 39. Read F33 - Group Discussion - Tesfaye
- 40. Read F33 - Summarize module - Teshome

The sick young infant

- 41. Read G2-4 - Introduce the module - Doyin
- 42. Read G4-5 - Drill - Tesfaye
- 43. Read G6-7 - Video - Exercise A (Part 1) - Paultre
- 44. Read G7 - Photograph Exercise - Doyin
- 45. Read G13 - Drill - Teshome
- 46. Read G17 - Video + Group discussion - Tesfaye
- Exercise D (Part 1)
- 47. Read G7 Photograph + Group Discussion
Exercise D (Part 2) - Paultre
- 48. Read G20-21 - Individual feedback
Exercises E & F - Teshome
- 49. Read G32 - Video + Discussion
Exercise G (Part 1) - Doyin
- 50. Read G33 - Photograph Exercise

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Exercise G (Part 2)

- Tesfaye

51. Read G37 - Drill

- Paultre

52. Read G40 - Summarize the module

- Teshome

Follow-up module

53. Read H2-5 - Introduce the module

- Tesfaye

54. Read H9 - Individual feedback

Exercise B

- Teshome

55. Read H19 - Individual feedback

Exercise E

- Paultre

56. Read H22 - Summarize the module

- Doyin

APPENDIX D

**IMCI Workshop for Trainers 3-14 June 1996
List of Participants**

APPENDIX D

<u>INITIALS</u>	<u>NAME</u>	<u>DESIGNATION</u>
K.P.	DR. KUMWENDA PERRI	DISTRICT MEDICAL OFFICER
M.S.	DR. MOSES SINKALA	MEDICAL OFFICER
J.N.N.	MS. J.N. NONDE	CLINICAL OFFICER
C.S.	MS. CHUMA SITUMBEKO	REGISTERED NURSE
S.M.	MR. S. MWALE	CLINICAL OFFICER
R.K.	MS. REMMY KATAKALA	CLINICAL OFFICER
P.M.	MS. PEGGY MUMBA	REGISTERED NURSE
L.N.	DR. LIYA NAWA	MEDICAL OFFICER
S.M.	STELLA MUNGU	REGISTERED NURSE
M.M.	MARGARET MPUNDU	CLINICAL OFFICER
E.M.	EDGAR MULUNGUSHI	CLINICAL OFFICER
J.Z.	JULIUS ZULU	CLINICAL OFFICER
F.C.	FRED CHONGO	CLINICAL OFFICER
M.K.S	MAUREEN KATONGO SHULA	REGISTERED NURSE
S.B.M.	DR. SARAIMALUMO	SENIOR MEDICAL OFFICER
J.K.M.	JEAN MUSOLE	REGISTERED NURSE
M.K.	MARGARET KAPAKASA	REGISTERED NURSE
M.M.K	MARGARET KATAI	CLINICAL OFFICER
M.M.	MALUKUTU MOFFAT	CLINICAL OFFICER
R.K.M.	RACHEAL MWAPE	CLINICAL OFFICER
E.K	EMMANUEL KUNDA	CLINICAL

APPENDIX E

**IMCI Workshop for Trainers 3–14 June 1996
Participant/Facilitator Groups**

APPENDIX E

INTEGRATED MANAGEMENT OF CHILDHOOD ILLNESS (IMCI) TRAINING COURSE FOR HEALTH WORKERS, LUSAKA 3-14 JUNE 1996

GROUP A

PARTICIPANTS:

Dr. Kumwenda
Dr. Sinkala
Ms. Nonde
Mr. Katakala
Mr. Mwale
Ms. Situmbeko
Peggy Mumba

FACILITATORS

Dr. Alex Simwanza
Mr. Lsaac Nyirenda
Mr. Richard Bweupe
Dr. Teshome Desta

GROUP B

Dr. Nawa
Mr. Zulu
Mr. Mulungushi
Mr. Chongo

FACILITATORS

Mr. Elastus Lwando
Mrs. Emily Moonze
Mr. Kabika Mulonda
Dr. Tesfaye Tessema

GROUP C

Participants

Dr. Malumo
Mr. Malukutu
Mr. Kunda
Mrs. Katai
Mrs. Musole
Mrs. Mwape
Margaret Kapakasa

FACILITATORS

Dr. Lastone Chitembo
Mrs. M. Mwendafilumba
Dr. Elizabeth Mason

APPENDIX F

**IMCI Workshop for Trainers 3–14 June 1996
Participant/Facilitator Groups**

APPENDIX F

MANAGEMENT OF CHILDHOOD ILLNESS TRAINING COURSE FOR HEALTH WORKERS LUSAKA, ZAMBIA 3-14 JUNE 1996

Day 1: Monday, 3 June 1996

- 08:00-8:30 Registration
08:30-9:30 Opening ceremony
09:30-10:00 Coffee/Tea break
10:00-12:30 Small group work:
> Module introduction
> Module Assess and Classify the Sick
Child Age 2 months up to 5 years
12:30-13:30 Lunch
13:30-15:15 Small group work
> Module Assess & Classify (2 months-5
years)
15:15-15:30 Coffee/Tea break
15:30-17:30 Small group work:
> Module Assess & Classify the Child Age 2
months-5 years through 4.1 Assess
Diarrhoea
> Video: General danger signs, cough or
difficult breathing

Starting from Tuesday, 4 June work in small groups:

- > Each group starts at 08:00
- > Lunch from 12:30-13:30
- > Morning coffee/tea break at University Teaching
Hospital
- > Afternoon caff/tea break 15:15-15:30 at Andrews
Hotel
- > End of group work at 17:30

Day 2: Tuesday, 4 June 1996

8:00 - 12:30 Outpatient session: Assess & Classify the Sick Child:
> Check for danger signs
> Cough and difficult breathing

Inpatients session:
> Check for danger signs
> Assess and classify diarrhoea

Module:
> Assess & Classify the Sick Child through 5.1 Assess Fever
> Video: Diarrhea

Day 3: Wednesday, 5 June 1996

8:00 - 12:30 Outpatient session: Assess & Classify the Child
> Assess and classify diarrhoea

Inpatient session:
> Assess and classify diarrhoea

Module:
> Continue Assess and Classify the Sick Child through 6.2 Classify Ear Problem

Video > Fever

Day 4: Thursday, 6 June 1996

Outpatient session: Assess & Classify the sick child
> Fever

Inpatient session:
> Fever

Class work
> Module Assess & Classify (2 months-5 years)
> Video Ear problem, malnutrition and anemia

Day 5: Friday, 7 June 1996

Outpatient session: Assess & Classify the sick child

- > Ear problem
- > Malnutrition and anemia

Inpatient session:

- > Ear problem
- > Review assess and classify process

Class work

- > Module identify treatment

Day 6: Saturday, 8 June 1996

Outpatient session: No outpatient session

Inpatient session: Assess & Classify

- > Malnutrition and anemia

Class work:

- > Module Treat the Child

Sunday, 9 June 1996: Day Off

Day 7: Monday, 10 June 1996

Outpatient session: identify treatment & treat the child

- > identify treatment
- > Teach mother to give oral drugs
- > Advise mother when to return immediately

Inpatient session: Assess & Classify sick children

Class work

- > Module Treat the Child

Day 8: Tuesday, 11 June 1996

Outpatient session: Treat child

- > Treat diarrhoea at home: plan A
- > Treat some dehydration with ORS: plan B

Inpatient session: Treat the Child

- > Treat some dehydration ORS: plan B
- > Treat severe dehydration quickly: plan C
- > Assess and classify additional children

Class work

- > Module Counsel the mother

Day 9: Wednesday, 12 June 1996

Outpatient session: Counsel the mother

- > Counsel the mother about feeding problems

Inpatient session: Treat the Child

- > Observe and practice Plan B and Plan C
- > Assess and classify additional children

Class work:

- > Module Counsel the mother
- > Video: Assess & Classify young infant for bacterial infections

Day 10: Thursday, 13 June 1996

Outpatient session: Management of sick young infant

- > Assess & classify bacterial infection & diarrhoea

Inpatient session:

- > Assess & Classify bacterial infections & diarrhoea

Class work:

- > Module Management of sick young infant
- > Video: Assessment of breast feeding

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Day 11: Friday, 14 June 1996

Outpatient session: Management of sick young infant

- > Assessment of breast feeding
- > Correct positioning and attachment

Inpatient session:

- > Assessment of breast feeding
- > Assess & Classify infants

Class work:

- > Module Follow-up

CLOSING SESSION

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APPENDIX G

Schedules for Clinical Practice

APPENDIX G1

**MANAGEMENT OF CHILDHOOD ILLNESS
SCHEDULE FOR CLINICAL PRACTICE
4-14 JUNE 1996, LUSAKA, ZAMBIA**

GROUP A

DAY 2 TUESDAY, 4 JUNE 1996

08:30-09:30 Inpatient UTH
09:30-09:40 Break
10:00-12:15 Kabwata Health Center
12:30-23:30 Lunch Break
13:30-17:30 Andrews Motel

DAY 3 WEDNESDAY, 5 JUNE 1996

08:00-08:45 Classroom, Andrews Motel
09:00-11:00 OPD UTH
11:00-11:10 Break
11:10-12:15 Inpatient UTH

DAY 4 THURSDAY, 6 JUNE 1996

08:00-09:45 Kanyama Health Center
10:00-11:00 Inpatient UTH
11:00-11:10 Break
11:25-12:30 Classroom, Andrews Motel

DAY 5 FRIDAY, 7 JUNE 1996

08:00-09:00 Inpatient UTH
09:00-09:10 Break
09:20-11:20 Kamwala Health Center
11:40-12:30 Classroom work

DAY 6 SATURDAY, 8 MAY 1996

08:00-10:30 Classroom, Andrews Motel
10:30-10:40 Break
11:00-12:30 Inpatient UTH
12:30-13:30 Lunch Break
13:30-17:30 Classroom, Andrews Motel

APPENDIX G2

MANAGEMENT OF CHILDHOOD ILLNESS
SCHEDULE FOR CLINICAL PRACTICE
4-14 JUNE 1996, LUSAKA, ZAMBIA

GROUP B

DAY 2 TUESDAY, 4 JUNE 1996

08:00-09:45 Kanyama Health Center
10:00-11:00 Inpatient UTH
11:00-11:10 Break
11:25-12:30 Classroom, Andrews Motel

DAY 3 WEDNESDAY, 5 JUNE 1996

08:00-09:00 Inpatient UTH
09:00-09:10 Break
09:20-12:30 Kamwala Health Center
11:40-12:30 Classroom work

DAY 4 THURSDAY, 6 JUNE 1996

08:00-08:45 Classroom, Andrews Motel
09:00-11:00 OPD UTH
11:00-11:10 Break
11:10-12:15 Inpatient UTH

DAY 5 FRIDAY, 7 JUNE 1996

08:00-09:45 Kanyama Health Center
10:00-11:00 Inpatient UTH
11:00-11:10 Break
11:25-12:30 Classroom, Andrews Motel

DAY 6 SATURDAY, 8 JUNE 1996

08:00-09:30 Inpatient UTH
09:30-09:40 Break
10:00-12:30 Classroom, Andrews Motel
12:30-13:30 Lunch Break
13:30-17:30 Classroom, Andrews Motel

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APPENDIX G3

MANAGEMENT OF CHILDHOOD ILLNESS
SCHEDULE FOR CLINICAL PRACTICE
4-14 JUNE 1996, LUSAKA, ZAMBIA

GROUP C

DAY 2 TUESDAY 4 JUNE 1996

08:00-08:45 Classroom, Andrews Motel
09:00-11:00 OPD UTH
11:00-11:10 Break
11:10-12:15 Inpatient UTH

DAY 3 WEDNESDAY 5 JUNE 1996

08:00-09:45 Kanyama Health Center
10:00-11:00 Inpatient UTH
11:00-11:10 Break
11:25-12:30 Classroom, Andrews Motel

DAY 4 THURSDAY 6 JUNE 1996

08:00-09:00 Inpatient UTH
09:00-09:10 Break
09:20-12:30 Kamwala Health Center
11:40-12:30 Classroom work

DAY 5 FRIDAY 7 JUNE 1996

08:00-08:45 Classroom, Andrews Motel
09:00-11:00 OPD UTH
11:00-11:10 Break
11:10-12:15 Inpatient UTH

DAY 6 SATURDAY 8 JUNE 1996

08:00-09:15 Classroom, Andrews Motel
09:30-11:00 Inpatient UTH
11:00-11:10 Break
11:25-12:30 Classroom, Andrews Motel
12:30-13:30 Lunch Break
13:30-17:30 Classroom, Andrews Motel

APPENDIX G4

**MANAGEMENT OF CHILDHOOD ILLNESS
SCHEDULE FOR CLINICAL PRACTICE**

GROUP A

DAY 7 MONDAY 10 JUNE, 1996

08:00-08:45 Classroom, Andrews Motel
09:00-11:00 OPD UTH
11:00-11:10 Break
11:10-12:30 Inpatient UTH

DAY 8 TUESDAY, 11 JUNE 1996

08:00-09:45 Kanyama Health Center
10:00-11:15 Inpatient
11:15-11:25 Break
12:25-12:30 Classroom, Andrews Motel

DAY 9 WEDNESDAY, 12 JUNE 1996

08:00-09:00 Inpatient UTH
09:00-09:10 Break
09:20-11:20 Kamwala Health Center
11:40-12:30 Andrews Motel Classroom

DAY 10 THURSDAY, 13 JUNE 1996

08:00-08:45 Classroom, Andrews Motel
09:00-11:00 OPD UTH
11:00-10:00 Break
11:10-12:30 Inpatient UTH

DAY 11 FRIDAY, 14 JUNE 1996

08:00-09:45 Kanyama Health Center
10:00-11:00 Inpatient UTH
11:00-11:10 Break
11:25-12:30 Classroom, Andrews Motel
12:30-13:30 Lunch Break
13:30-17:30 Classroom, Andrews Motel

APPENDIX G5

MANAGEMENT OF CHILDHOOD ILLNESS
SCHEDULE FOR CLINICAL PRACTICE

GROUP B

DAY 7 MONDAY, 10 JUNE 1996

08:00-09:00 Inpatient UTH
09:00-09:10 Break
09:20-11:20 Kamwala Health Center
11:40-12:30 Classroom, Andrews Motel
12:30-13:30 Lunch Break
13:30-17:30 Classroom
13:30-17:30 Andrews Motel

DAY 8 TUESDAY, 11 JUNE 1996

08:00-08:45 Classroom, Andrews Motel
09:00-11:00 OPD UTH
11:00-11:10 Break
11:10-12:30 Inpatient UTH
12:30-13:30 Lunch Break
13:30-13:30 Classroom, Andrews Motel

DAY 9 WEDNESDAY, 12 JUNE 1996

08:00-09:45 Kanyama Health Center
10:00-11:15 Inpatient UTH
11:15-11:25 Break
11:45-12:30 Classroom, Andrews Motel

DAY 10 THURSDAY, 13 JUNE 1996

08:00-09:00 Inpatient UTH
09:00-09:10 Break
09:20-11:20 Kamwala Health Center
11:40-12:30 Classroom work

DAY 11 FRIDAY, 14 JUNE 1996

08:00-08:45 Classroom, Andrews Motel
09:00-11:00 OPD UTH
11:00-11:10 Break
11:10-12:30 Inpatient UTH

APPENDIX G6

MANAGEMENT OF CHILDHOOD ILLNESS
SCHEDULE FOR CLINICAL PRACTICE
4-14 JUNE 1996, LUSAKA, ZAMBIA

GROUP C

DAY 7 MONDAY, 10 JUNE 1996

08:00-09:45 Kanyama Health Center
10:00-11:25 Inpatient UTH
11:15-11:25 Break
11:25-12:30 Classroom, Andrews Motel

DAY 8 TUESDAY, 11 JUNE 1996

08:00-09:00 Inpatient UTH
09:00-09:10 Break
09:20-11:20 Kamwala Health Center
11:40-12:30 Classroom, Andrews Motel

DAY 9 WEDNESDAY, 12 JUNE 1996

08:00-08:45 Classroom, Andrews Motel
09:00-11:00 OPD UTH
11:00-11:10 Break
11:10-12:30 Inpatient UTH

DAY 10 THURSDAY, 13 JUNE 1996

08:00-09:45
10:00-11:00 Inpatient UTH
11:00-11:10 Break
11:25-12:30 Classroom, Andrews Motel

DAY 11 FRIDAY, 14 JUNE 1996

08:00-09:00 Inpatient UTH
09:00-09:10 Kamwala Health Center
09:20-11:20 Classroom, Andrews Motel
12:30-13:30 Lunch Break
13:30-17:30 Classroom, Andrews Motel

APPENDIX H

Course Director's Summary

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APPENDIX I

Summary of Course Evaluation by Participants

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2. For each module or activity listed in the left column, tick (✓) the box which you think best describes it.

	Very Useful	Useful	Somewhat Useful	Useless
<i>Introduction</i>	7 (33%)	4 (19%)		
<i>Assess and Classify the Sick Child Age 2 Months up to 5 Years</i>	21 (100%)			
<i>Identify Treatment</i>	19 (90%)	2 (10%)		
<i>Treat the Child</i>	18 (86%)	3 (14%)		
<i>Counsel the Mother</i>	16 (76%)	4 (19%)	1 (5%)	
<i>Management of the Sick Young Infant</i>	20 (95%)	1 (5%)		
<i>Follow-Up</i>	17 (81%)	4 (19%)		
<i>Outpatient Sessions</i>	17 (81%)	4 (19%)		
<i>Inpatient Ward Sessions</i>	18 (86%)	2 (10%)	1 (5%)	
<i>Videos</i>	17 (81%)	4 (19%)		
<i>Photograph examples and exercises</i>	17 (81%)	3 (14%)	1 (5%)	

8. For each activity listed below, tick one box to indicate whether you thought the time spent on that activity was *too short*, *adequate* or *too long*.

Type of Activity	Time Spent Was:		
	Too Short	Adequate	Too Long
Written exercises followed by individual discussions of your work with a facilitator	4(19%)	17(81%)	
Photo Exercises	1(5%)	20(95%)	
Video Exercises	3(14%)	18(86%)	
Role plays	3(14%)	17(81%)	1(5%)
Group discussions	3(14%)	18(86%)	
Oral drills	1(5%)	20(95%)	
Outpatient sessions	5(24%)	15(71%)	1(5%)
Inpatient sessions	5(24%)	15(71%)	1(5%)
Entire course	12(57%)	9(43%)	

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