

## Teaching Materials and Services

### **The Wellcome Tropical Institute; inventory of resource materials to support overseas education in tropical medicine**

Dr Katherine Elliott, Resources Consultant to this unit, has written to a large number of people in the United Kingdom with an interest in tropical medicine, concerning an exciting new project which is being developed at the Wellcome Tropical Institute in London. Although intended essentially for UK participants at this stage, the material developed will obviously be directed mainly to those abroad and since leprosy is in the list of priorities, we take this opportunity to print the following information from her letter of July 1985:

'In September, Professor Eldryd Parry takes up his appointment as Director of this Institute, recently opened by the Wellcome Trust. One proposed major purpose of the Institute is to respond to the educational resource needs of overseas institutions involved in postgraduate teaching of tropical medicine, beginning with the six major tropical diseases: malaria, leprosy, trypanosomiasis, leishmaniasis, onchocerciasis and schistosomiasis. To do this effectively, the Institute wishes to enlist the interest of all who may be in any way involved with information dissemination to doctors, medical students and other health professionals.

Professor Parry has asked me, as a matter of urgency, to make as comprehensive an inventory as possible of all educational resources (other than textbooks) concerned with the six diseases listed. This inventory should enable us to promote the wider use of existing resources and, at the same time, to discover any important gaps which need to be filled by the preparation of additional materials. It will also be helpful to have on record, for the purpose of encouraging future collaborative action, the spectrum of UK interests in tropical medicine education.

As well as listing materials you have produced, are producing—or even plan to produce, we would appreciate it if you could include comments about materials from other sources that you find useful. We would also particularly welcome your views on important areas that are, in your experience, *not* covered in relation to the six tropical diseases—(for example, do existing materials adequately cover the immunological aspects of leprosy?).'

*Dr Katherine Elliott,  
Resources Consultant*

### ***Questions and answers on the implementation of multiple drug therapy (MDT) for leprosy.* OXFAM, Oxford**

This booklet on MDT sold out its first edition half-way through this year and has now been slightly revised for the printing of a second edition. It is aimed at senior personnel in leprosy control with a good knowledge of written English and it is intended to cover some of the practical difficulties which have already been encountered by those in the field. Price £1.50 per copy, with a reduction of 25% for orders of 10 or more copies. Apply to OXFAM 274 Banbury Road, Oxford OX2 7DZ, England.

### **Teaching materials and services. Gandhi Memorial Leprosy Foundation**

On the occasion of a recent visit to Oxford, the director, Mr Tare, kindly drew our attention to the very considerable number of items of educational material now available from the Gandhi Memorial Leprosy Foundation, PO Hindinager, Wardha 442 103, Maharashtra, India. Those in English include the following:

*Publications:* 1 Window on Leprosy, Rs 75; 2 Society and Leprosy, Rs 30; 3 Hints on Diagnosis and Treatment of Leprosy, Rs 7; 4 Gandhi Looks At leprosy, Rs 5; 5 Leprosy Everyone's Concern, Rs 2.

*Folders and Pamphlets:* 1 Leprosy—Know the facts Rs 10 (per 100); 2 Leprosy—A misleading disease Rs10 (per 100); 3 This lies in your power Rs 10 (per 100); 4 Ten points to remember Rs 10 (per 100); 5 Leprosy—Questions and Answers Rs 30 (per 100).

#### *Films:*

1 Controlling leprosy, a colour documentary, 2000 ft, 20 min, 16 mm prints available in English and Hindi, Rs 4100 (per print). Language versions can be made available if order for 30 prints assured, Rs 4600 (per print). Video cassette (English and Hindi), Rs 800.

2 Diagnosis of leprosy. A black and white film, 1850 ft, 20 min, for medical and paramedical groups, nursing schools, public health training centres. (In preparation).

**Flashcards:** A set of 10 flashcards printed in 4 colours on ivory card, laminated. Size 10'' × 7'' spiral bound. Protected in a plastic jacket. Useful for any health educational programme, Rs 30 (per set).

**Album:** Contains 20 enlarged photographs of 5'' × 4'' size, Rs 45.

**TALC; new colour slide-text: *Leprosy lesions in skins of different colours.*** Dr Grace Warren of the Leprosy Mission International (50 Portland Place, London W1N 3DG) has produced a valuable set of 24 slides, with written text, on the above subject. As usual with material from Teaching Aids at Low Cost (TALC), the quality of the transparencies is high throughout, giving a remarkably clear impression of the appearances of leprosy in peoples of different racial origin and skin colour. The ample written material accompanying the slides begins with a page on how to use this set and then proceeds to a description of indeterminate, borderline and lepromatous leprosy lesions as seen on the skin, using question and answer form. There are also 'Teachers Notes' interspersed throughout the text. There are 3 appendices; 1 on the examination of a patient who might have leprosy; another on classification and a third on checking for resistance to dapsone. Of the other TALC sets on leprosy, Lp *Leprosy in childhood* has sold very nearly 5000 since it was produced in 1971 and LpCn *Classification of leprosy* has sold over 2000 since 1976. This third set on leprosy will surely be of the greatest value to those working in areas where skin colour is light and it could well be studied in association with the slide set on the same subject from the Regional Office of the World Health Organization, Copenhagen, or with the illustrated manual *Leprosy in the light skin* by Dr D L Leiker and Professor E Nunzi and produced by the Associazione Italiana 'Amici di Raoul Follereau' in Bologna. For the above TALC set (LpD), apply to Teaching Aids at Low Cost, PO Box 49, St Albans, Herts AL1 4AX. (The cost of the set with script is between £2.00 and £5.50, depending on presentation).

#### **Courses in tropical medicine at the University of Barcelona, Spain**

It is perhaps not generally known that courses in tropical medicine are held regularly in this University. The overall direction is from the Chair of Microbiology and Parasitology, in collaboration with Medicus Mundi and the Infectious Diseases Section of the Hospital Clinic of Barcelona. The co-ordinators are Drs Manuel Corachan and Jordi Mas. The duration is 3–4 months. All the usual subjects under the heading of tropical medicine are in the syllabus, but an important feature of this course is that it gives considerable emphasis to community and public health in the tropics and to tropical paediatrics. We do not have information about costs, accommodation, etc, but these may be obtained from Dr Corachan, Hospital Clinic i Provincial de Barcelona, Villarroel, 170 Barcelona 36, Spain.

#### **Orientation in leprosy for doctors, HKNS, India**

This is a strongly bound paperback, 18 × 24 cm, of 28 pp, published by Hind Kusht Nivaran Sangh, 1 Red Cross Road, New Delhi 110 001, India. Its object is quite simply to '... give a short orientation to all medical doctors and to ensure their involvement in the National Leprosy Eradication Campaign.' It is written by Dr and Mrs Thangaraj and Dr K C Das. This excellent booklet covers all basic aspects of leprosy from diagnosis, through classification to the management of reactions and the use of multiple drug therapy. It would in fact be of great value to medical students in India and probably also to several categories of health worker; with some modification it could in fact be used in other countries, where the need for such a text on leprosy for doctors and medical students has yet to be filled.

#### **Glaxomed slide lectures; Bombay, India**

Two sets on leprosy are available from The Medical Education Department, Glaxo Laboratories (India) Ltd, Worli, Bombay 400 025, India. They have been assembled by experts in the field and are of high quality. They are divided into 2 sets, each of 24 slides, with full text. Further details of costs and postage can be obtained from Dr Pritam Phatnani, Head of Medical Education at the above address. These slides and the accompanying information are produced in India by Indian leprologists and are probably the best currently available for the teaching of clinical leprosy in that country.

#### **Skin biopsy in leprosy by D S Ridley, Second Edition**

A second edition of this booklet by Dr Dennis Ridley, Bland-Sutton Institute of Pathology, The Middlesex Hospital, London W1P 7PN, has just been published. The first edition had a circulation of several thousand copies all over the world and was very greatly appreciated. It is published in the Documenta Geigy 'series' by CIBA-GEIGY Ltd, Medical Department, CH 4002, Basle, Switzerland and it is our understanding that there will normally be no charge for the booklet or postage, but this should be confirmed by those who apply. The subtitle is 'Histological Interpretation and Clinical Application' and the main chapter headings cover: the Biopsy and its Preparation; The Pathogenesis of a Skin Lesion; the Examination and Interpretation of a Skin Section; Diagnosis and Differential Diagnosis; Relapse—Histology and Bacteriology; Classification and the Spectrum; Reactions; Numerical Indices. In his Preface, Dr Ridley draws attention to the upsurge or interest in the immunocytochemistry of leprosy in recent years, which has called for a slight change of emphasis in the new text. As previously, all sections of this beautifully produced booklet are illustrated in colour.

***IILEP catalogue on training; 1986***

We are grateful to the International Federation of Anti-leprosy Associations (IILEP) in London for permission to reprint information in full from their Catalogue. We wish to emphasize however that further information (and indeed all enquiries concerning these centres) is *not* available from IILEP in London. Those interested should write directly to the training centres concerned, and *not* to IILEP. Furthermore, IILEP does not sponsor people wishing to undergo training in leprosy; this is normally achieved by application to governments, voluntary agencies working in leprosy, or (using the correct forms of application) to organizations such as WHO or the British Council. The total list is as follows:

**ALERT:** (All Africa Leprosy and Rehabilitation Training Centre) (WHO Collaborating Centre for Training in Leprosy). PO Box 165, Addis Ababa, Ethiopia.

Contact, Director of Training. Telephone, 201200-201201-201524. Telegrams/Telex, ALERT ADDISABABA/21312 GLRA ET. Nearest airport, Addis Ababa. Accommodation, Hostel: maximum 28 people. (Cost: US\$ 10 per day). Language, English. Recognition of courses, by WHO and Government.

***INTERNATIONAL COURSES***

**DOCTORS COURSE ON CLINICAL LEPROSY AND LEPROSY CONTROL:** 6 January–8 February 1986 and 5 May–7 June (5 weeks) for Medical Officers involved or going to be involved in clinical management of leprosy patients, leprosy control work or training in leprosy of health personnel.

*Requirements:* It is generally required that participants who will undertake leprosy control work should, prior to the course, visit and study their future project. It is also recommended that they prolong their stay by not less than 2 weeks for further in-service training in leprosy control.

**TUBERCULOSIS COURSE ON TB AND TB CONTROL:** 14 April–1 May 1986 (3 weeks) for Medical Officers and paramedical health staff involved in tuberculosis control.

**RURAL AREA SUPERVISORS COURSE ON CLINICAL LEPROSY, LEPROSY CONTROL, SUPERVISION AND TEACHING METHODOLOGY:** 15 September–15 November 1986 (9 weeks) for Senior Rural Area Supervisors.

*Requirements:* Senior Rural Area Supervisors should be in charge of leprosy control activities on provincial or national level.

**JUNIOR RURAL AREA SUPERVISORS**

*Requirements:* Junior Rural Area Supervisors should have not less than 5 years experience in leprosy and on their return expect to be upgraded to a senior position.

**PHYSIOTHERAPY COURSE ON ASSESSMENT AND MANAGEMENT OF DISABILITIES IN LEPROSY AND PRE- AND POST-OPERATIVE CARE;** 5 May–14 June 1986 (6 weeks) in conjunction with the second Doctors course for physiotherapists, occupational therapists, other paramedical health staff with experience in leprosy physiotherapy.

***NATIONAL COURSES*** (dates still to be fixed)

Medical Undergraduates 9–12 weeks; Student Nurses 8–10 weeks; and Health Assistants 4–6 weeks.

Other Ethiopian and non-Ethiopian health personnel with limited responsibilities in leprosy work may be attached to these courses when places are available.

***IN-SERVICE TRAINING***

| <i>Programme</i>                      | <i>Qualifications required</i>  | <i>Recommended duration</i>   |
|---------------------------------------|---|---|
| Clinical leprosy                      | Medical Officers, qualified nurses, medical assistants  | minimum of 2 months   |
| Clinical leprosy and leprosy control  | as above  | minimum of 4 months   |
| Septic surgery and amputation surgery | Qualified general surgeon, surgical residents, medical officers with good experience in surgery                           | 3 months  |
| Reconstructive surgery                | Qualified plastic, orthopaedic or general surgeons, surgical residents, medical officers with good experience in leprosy. | 3 months dependent on extent training required and basic qualifications |

|  |  |                     |
|--|--|---------------------|
| Physiotherapy  | Physiotherapists, occupational therapists, other paramedical health personnel.** | 4-6 months          |
| Laboratory techniques in leprosy   | Laboratory technicians***<br>Laboratory assistants**                             | 1 month<br>2 months |
| Dermato-histopathology techniques (in Armauer Hansen Research Institute)                           | Laboratory technicians**   | 3 months            |
| Orthopaedic Workshop Techniques, making of protective footwear (Sandals Standard and Plastazote)** |  | 6 months            |
| Prosthetics  | Orthopaedic Workshop Technicians**   | 12 months           |

\*\* = good command of English

**BAMAKO:** Institut Marchoux, BP 251, Djikoroni, Bamako, Mali.

Telephone, 22.51.31. Contact, Dr M Nebout, Directeur. Aeroport, Bamako. Logement, Internat. Bourses d'Etudes, Octroyées soit par les gouvernements des stagiaires soit par les différents organismes comme l'OMS et les Associations-membres de l'ILEP dont l'Association Française Raoul Follereau. Les demandes de bourse auprès de ces organismes doivent être présentées au Secrétaire général de l'OCCGE (Organisation de Coordination et de Coopération pour la lutte contre les Grandes Endémies, B.P. 153, Bobo-Dioulasso, Haute-Volta). Langue, Français.

L'enseignement est ouvert en priorité au personnel médical et paramédical ressortissant des huit Etats-membres de l'OCCGE (Bénin, Côte d'Ivoire, Haute-Volta, Mali, Mauritanie, Niger, Sénégal, Togo) et aux candidats étrangers qui en font la demande à l'OCCGE, sur titres.

1 **INFIRMIER SPECIALISTE:** Description: Bactériologie, immunologie, classification de la lépre, clinique, thérapeutique, épidémiologie, santé publique, etc. A la fin de l'enseignement, l'infirmier spécialiste dermatologie-léprologie doit être capable de remplir les fonctions d'adjoint du médecin-chef du secteur dans la lutte contre l'endémie lépreuse.

Participants: Infirmier d'Etat, Agent technique de santé, infirmier ordinaire certifié contrôleur-lèpre depuis 2 ans.

Durée: 2 ans. Octobre 1985-juillet 1987.

2 **INFIRMIER CONTROLEUR-LEPRE:** Description: L'enseignement comporte 30 heures de cours théoriques plus des travaux dirigés et des stages pratiques. A la fin de l'enseignement, l'infirmier contrôleur-lèpre doit pouvoir diriger un district composé de 4 à 5 circuits-lèpre.

Participants: Infirmier ordinaire ou équivalent.

Durée: 3 mois. 1er octobre-30 décembre de l'année et éventuellement 2ème

3 **UN CERTIFICAT D'ETUDES SPECIALES DE DERMATOLOGIE-LEPROLOGIE** a été créé en décembre 1983 et mis en application à la rentrée scolaire 1984-1985.

La durée est de 3 ans à l'Institut plus 1 an dans une faculté française. L'Institut a ainsi 2 médecins maliens en C.E.S. 1.

Le décret ouvrant ce C.E.S. aux médecins des 8 pays de l'OCCGE va sortir prochainement.

Les médecins intéressés devront faire la demande au Secrétaire général de l'OCCGE.

DES STAGES sont offerts à des médecins, des chirurgiens et des étudiants de médecine de toute origine désireux de parfaire à leurs frais leur formation en léprologie.

L'Institut peut également recevoir des chercheurs qui voudraient s'instruire à leurs frais auprès de son animalerie expérimentale, de son unité épidémiologie ou chirurgie.

Renseignements plus détaillés disponibles sur demande au Bureau de coordination de l'ILEP.

**BAURU:** Hôpital Lauro de Souza Lima, Rodovia Cte. Joao Ribeiro de Barros, Km. 115, Caixa Postal 62, CEP 17.100, Bauru, Sao Paulo, Brésil.

Téléphone, (0142) 23.59.22. Contact, Dr Diltor V A Opromolla. Langue, Portugais.

**COURS LEPROLOGIE:** 17 au 22 février; 16 au 21 juin; 01 au 06 septembre; 08 au 13 décembre.

**COURS PREVENTION DES INVALIDITES DE LA LEPRE:**

20 janvier au 01 février; 07 au 19 avril; 15 au 27 septembre; 10 au 22 novembre.

**COURS READAPTATION (CHIRURGIE REPARATRICE POUR LA LEPRE):**

03 au 15 mars; 12 au 24 mai; 04 au 16 août; 06 au 18 octobre.

*Stages.* Les stages avec un maximum de 2 stagiaires sont organisés sur demande avec un délai minimum de 2 mois.

Frais d'inscription: 15 dollars US. Frais d'hébergement: 8 dollars US par jour.

**NOTE:** Des bourses d'étude peuvent être octroyées par la direction de l'unité.

**CARVILLE:** National Hansen's Disease Center, United States Public Health Service Hospital, Carville, LA 70721, USA.

Telephone, (504) 642.77.71. Contact, Dr R J O'Connor, Director of Education and Training. Nearest airport, New Orleans International. Accommodation, available. Language, English. Recognition of courses, by Government, American Medical Association and Academy of Family Practice.

**MEDICAL SEMINAR IN HANSEN'S DISEASE:** 25–26 February, 20–21 May, 4–5 November.

*Purpose:* To promote an increased level of understanding among members of the medical profession regarding current concepts in the diagnosis and treatment of Hansen's Disease.

*Eligibility:* Dermatologists, General Practitioners, Public Health Physicians and other medical specialists, particularly those residing in endemic areas.

**INTERNATIONAL SEMINAR ON HANSEN'S DISEASE:** 6–12 April, 7–13 September.

*Purpose:* To provide medical and allied health personnel planning to work with Hansen's Disease abroad, with latest information concerning diagnosis, treatment, management and control of Hansen's Disease.

*Eligibility:* Medical and allied personnel.

**SEMINAR ON HANSEN'S DISEASE FOR PATHOLOGISTS:** 7–8 October

*Purpose:* To present up-to-date, practical information on the histopathology of Hansen's Disease and the role of the pathologist in its diagnosis and treatment.

*Eligibility:* Pathologists and practising dermatologists.

**MANAGEMENT OF INSENSITIVE FEET: MEDICAL AND THERAPEUTIC APPROACHES:** 28–30 January, 21–23 October.

*Purpose:* To promote an increased level of understanding among members of the medical, nursing and allied health professions regarding current concepts in the management of insensitive feet.

*Eligibility:* Physicians, therapists, podiatrists, nurses and other health personnel.

**MANAGEMENT OF THE INSENSITIVE HAND: BIOMECHANICS OF DEFORMITY AND CORRECTION:** 29 April–1 May

*Purpose:* To provide education and training in the treatment of the insensitive hand.

*Eligibility:* Physicians, therapists and allied health personnel.

**INDIVIDUALIZED TRAINING PROGRAMMES**

*Purpose:* To provide an opportunity for persons now working, or planning to work, as professional Hansen's Disease personnel to learn current concepts in the management of this disease. Generally, a person accepted for such individualized training will already be a practising professional in a medical or scientific discipline; therefore the major purpose of this learning experience is to provide highly specialized training in one or more aspects of Hansen's Disease, such as laboratory research techniques, rehabilitation methods, educational media design and production, clinical laboratory training etc.

*Dates and Duration:* Individualized training opportunities are offered throughout the year. If possible, it is recommended that the training commences with attendance at a seven-day International Seminar (April or September) or a two-day Medical Seminar (February, May, November). The actual length of the training will be determined for each individual; generally, it will be from several days to several months in length.

Additional information is available on request from the ILEP co-ordinating bureau.

**CEBU:** Leonard Wood Memorial Center for Leprosy Research, PO Box 727, Cebu, Philippines.

Telephone, (32) 827.46. Telegrams, WOODMEM CEBU. Contact, Dr Steenberg, Director. Nearest airport, Cebu. Language, English. Recognition of courses, WHO, Government.

August (10 days): 8th International workshop on MDT in Leprosy Control using the Primary Health Care concept.

July/August (6 weeks): Epidemiological Aspects of the Operational Management of MDT

October: Courses for Medical Technologists in Skin Smear Methodology.

**IN-SERVICE TRAINING**

Requests should be sent to the Director through the employer of the applicant. The training can be tailored to the specific needs of the applicant in the following areas of interest: 1 Clinical research (drug trials and design);

2 Epidemiological research (population basis studies, prevalence surveys); and 3 advanced laboratory techniques—immunology (ELISA), FDA-EB staining, mouse foot-pad inoculation technique, and histopathology of leprosy.

**DAKAR:** Institut de Léprologie Appliquée de Dakar (ILAD), BP 11023 CD Annexe, Dakar, Sénégal.

Telephone 22.36.16. Contacts Dr J Millan, Directeur ILAD and Dr J C Naudin, DAHW. Aeroport Dakar-Yoff. Logement à l'ILAD: 8 chambres individuelles (pas de repas; en ville: logement en hôtel aux frais des intéressés.

Frais d'inscription, Pour le Certificat de Léprologie de la Faculté de Médecine 50,000 francs CFA. Les autres cours et stages sont gratuits (soutien financier de Amici di Raoul Follereau, Deutsches Aussätzigen-Hilfswerk et l'ordre de Malte). Bourses d'Etude, L'Institut ne prenant en charge ni le voyage ni les frais de séjour des stagiaires, ceux-ci peuvent solliciter des bourses d'étude soit auprès de leur gouvernement, soit auprès d'organismes tels que l'OMS ou les Associations- membres de l'ILEP. Langue, Français. Reconnaissance des cours, Le Certificat de Léprologie est reconnu par l'Université de Dakar. Responsables, Directeur de l'ILAD, Médecin Chef de projet DAHW, and Médecin Chef du Service National des Grandes endémies. Enseignants, Médecins et Physiothérapeute de l'ILAD, Médecin Chef de projet DAHW, Médecin chef du SNGE, et, pour le Certificat de léprologie, plusieurs Professeurs de Faculté.

Le programme de 1986 n'étant pas encore disponible, nous donnons ci-dessous, à titre d'information, le schéma du programme. Pour des renseignements exacts, veuillez vous adresser directement à l'ILAD.

#### *COURS COLLECTIFS*

**MEDECINS:** Durée: 4 jours, Dates: décembre, nature: perfectionnement, Observations: responsables des Grandes-Endémies.

**MEDECINS/GESTIONNAIRES:** Durée: 1 jour. Nature: gestion (DAHW). Observations: personnel des Grandes-Endémies.

**INFIRMIERS-SPECIALISTES:** Durée: 5 jours. Dates: février. Nature: perfectionnement. Observations: personnel des Grandes-Endémies.

**INFIRMIERS:** Durée: 1 jour. Nature: perfectionnement. Observations: personnel des postes de santé.

**RESPONSABLES SOCIAUX:** Durée: 6 jours. Nature: formation. Observations: personnel des villages de lépreux.

**MEDECINS ET ETUDIANTS EN 7e ANNEE:** Durée: 50 heures réparties en 3 mois. Dates: mars-juin. Nature: formation. Observations: Certificat de Léprologie de l'Université.

#### *STAGES INDIVIDUELS*

**INFIRMIERS:** Durée: 3 jours. Dates: février. Nature: microscopie. Observations: personnel des Grandes-Endémies.

Des stages individuels peuvent être organisés sur demande et en fonction des possibilités de l'Institut, dans les disciplines suivantes: clinique, chirurgie, microscopie, physiothérapie et cordonnerie. De tels stages ne sont profitables que pour des personnes possédant déjà une bonne formation générale dans le domaine de la lèpre.

Pour une formation approfondie des médecins, la formule recommandée est un stage à l'ILAD de 4 mois, coïncidant avec les cours pour le Certificat de Léprologie.

#### *ENSEIGNEMENT EN DEHORS DU CENTRE*

Poursuite de la formation des agents des Services Généraux selon le programme fixé par le Médecin Chef de la DAHW.

Un Cours International de l'OMS pour le perfectionnement des responsables de la lutte contre la lèpre se déroulera à Dakar en février 1986.

**FONTILLES:** Sanatorio de San Francisco de Borja, Fontilles (Alicante), Espagne.

Telephone, (965) 58.33.50. Contact, Dr José Terencio de las Aguas, Médico Director. Aeroports, Valencia et Alicante. Logement, disponible dans le centre. Langues, Espagnol et français. Reconnaissance des cours, par la Direction Générale de la Santé, par l'Ecole Professionnelle de Dermatologie, et par l'Ordre de Malte. Bourses d'étude, octroyées par l'Ordre de Malte.

Septembre/octobre (1 semaine), Médecins.

Octobre/novembre (2 semaines), Auxiliaires médicaux et missionnaires.

**KARIGIRI:** Schieffelin Leprosy Research and Training Centre, SLR Sanatorium PO, PIN 632 106, North Arcot District, South India.

Telephone, Vellore 21522 with extension to Director/Deputy Director in Administration. Deputy Director of Training—SAX Karigiri No 25. Training Unit—SAX Karigiri No 37. Telegram, LEPSEARCH VELLORE 7. Contact, Training Officer. Nearest airport, Madras. Nearest rail station, Katpadi. Accommodation, Guest House: 30 persons (limited single rooms sometimes available). Hostel: Men—60 persons. Women—16 persons. Language, English.

Recognition of courses, In-service training courses in reconstructive surgery, pathology, leprosy control, medical aspects, are recognized by WHO and Indian government. All paramedical and technical courses are fully recognized by Indian Government.

#### *MEDICAL OFFICERS*

CONDENSED COURSE IN LEPROSY for doctors and senior medical personnel 7–12 April, 8–13 September, 17–21 November (1 week).

MEDICAL STUDENTS COURSE for undergraduates 1 week (dates fixed according to college holidays).

MEDICAL OFFICERS COURSE for medical personnel engaged in leprosy work 15 January–26 February, 7 July–15 August (6 weeks).

SPECIAL COURSE FOR OPHTHALMOLOGY TEACHERS (proposed) 3 days.

OPHTHALMIC ASPECT IN LEPROSY for qualified medical personnel (proposed) 3 days, included in 6 weeks course for Medical Officers.

#### *OTHER CATEGORIES*

NON-MEDICAL SUPERVISORS COURSE for fully qualified paramedical workers with a minimum of 3 years experience. 4 months commencing 9 June.

ORIENTATION COURSE IN LEPROSY for paramedical personnel (nurses, physios, OT and administrators), consisting of 1 week CONDENSED COURSE + 3 weeks in-service training. 1 month commencing 6 January, 7 April, 8 September.

PARAMEDICAL WORKERS COURSE for +2 passed, graduates preferred. 6 months commencing 25 August.

ADVANCED COURSE IN LEPROSY CONTROL for selected, experienced, non-medical supervisors. 12 months (by arrangement).

PMW REFRESHER COURSE for qualified paramedical workers. 1 month commencing 9 June.

PHYSIOTHERAPY TECHNICIANS COURSE for +2 passed or PUC preferred. 9 months commencing 11 June.

LABORATORY TECHNICIANS COURSE for +2 passed, science graduated preferred. 12 months commencing 7 July.

#### *IN-SERVICE TRAINING*

PROSTHETIC TECHNICIANS FOR +2 passed or PUC preferred. 18 months commencing 20 January and 16 July.

SHOEMAKERS COURSE for V standard with knowledge of English preferred. 6 months commencing January and July.

SMEAR TECHNICIANS COURSE for +2 passed (reg. qualified laboratory technicians refresher). 3 months commencing 20 January, 11 June and 15 September.

MEDICAL RECORD KEEPERS for 2 passed with proficiency in typing and good English. 2 months (by arrangement).

MEDICINE, SURGERY, PATHOLOGY, LAB TECHNOLOGY AND LEPROSY CONTROL for qualified medical personnel. 6 months (by arrangement).

Note: 1 +2 signifies 12 years of schooling, equivalent to A Levels.

**YAOUNDE:** Centre d'Enseignement et de Documentation de l'OCEAC (Organisation de Coordination pour la lutte contre les Endémies en Afrique Centrale), BP 288, Yaoundé, Cameroun.

Telephone, 23.22.32 (Secrétaire général). 23.00.61 (Centre d'Enseignement et de Documentation). Contacts, Dr D Kouka Bemba, Secrétaire général, Dr L Sentilhes, Secrétaire général honoraire, Dr R Jossieran, Chef du Centre d'Enseignement et de Documentation, Dr P. Ambassa (Adjoint au Chef du centre d'enseignement). Aeroport, Yaoundé. Langue, Français.

STAGE NATIONAL DE FORMATION INFIRMIERS CONTROLLEURS LEPRE ET TUBERCULOSE  
Durée: 8 semaines. Dates: janvier–février. Lieu de stage: OCEAC Yaoundé. Nombre de participants: 20.  
directeur du cours: Dr R Josseran.

Le stage s'adresse aux Infirmiers Diplômés d'Etat de la République de Guinée Equatoriale et de la République du Cameroun qui désirent se spécialiser dans la lutte contre la lèpre et la tuberculose. (Dépistage et traitement des malades, prévention des complications neurologiques et oculaires, surveillance du traitement, recueil des données épidémiologiques, actions éducatives.)

2ème ANNEE DU COURS DE FORMATION DES TECHNICIENS SUPERIEURS EN SANTE PUBLIQUE, OPTION EPIDEMIOLOGIE APPLIQUEE

Durée: 7 mois. Dates: mars–septembre. Nombre de candidats: 16 infirmiers provenant des Etats Membres de l'OCEAC. Directeur du cours: Dr R Josseran.

A l'issue de leur formation, ces cadres intermédiaires seront les collaborateurs des médecins et seront responsables de l'exécution des programmes de santé en cours, dont ceux de lutte contre la lèpre.

STAGE NATIONAL DE FORMATION INFIRMIERS CONTROLLEURS LEPRE ET TUBERCULOSE  
Durée: 8 semaines. Dates: septembre–octobre. Lieu de stage: Libreville. Nombre de participants: 20. Directeur du cours: Dr R Josseran.

Ce stage s'adresse aux Infirmiers Diplômés d'Etat de la République Populaire du Congo et du Gabon.

COURS D'INITIATION AUX METHODES EPIDEMIOLOGIQUES SHDS/OMS/OCEAC

Durée: 6 semaines. Dates: novembre–décembre. Nombre de participants: 12. Directeur du cours: Dr R Josseran.

Ce stage s'adresse à des jeunes médecins des Etats d'Afrique Centrale: qui désirent se spécialiser en épidémiologie et en statistiques appliquées à l'épidémiologie; qui désirent se spécialiser en Santé Publique et veulent acquérir des connaissances de base en matière de statistique et d'épidémiologie médicale.

SEMINAIRE DE RECYCLAGE DES INFIRMIERS CONTROLLEURS LEPRE ET TUBERCULOSE

Durée: une semaine. Date et lieu: à la demande des Services nationaux des Etats Membres de l'OCEAC. Nombre de participants: 25 maximum. Directeur du cours: Dr R Josseran.

Trois semaines sont prévues pour l'instant en 1986. Ce stage s'adresse aux Infirmiers Diplômés d'Etat des Etats membres de l'OCEAC. Il est axé sur les techniques de dépistage bacilloscopique, rappels cliniques, la prévention et le traitement des complications, utilisation des nouveaux schémas thérapeutiques, surveillance et recueil des données épidémiologiques.

NB. Etats membres de l'OCEAC: Cameroun, Guinée Equatoriale, Congo, RCA, Gabon, Tchad.

**Flannelgraphs; a medium for the exchange of ideas about health; TALC, London**

From Teaching Aids at Low Cost (TALC), P.O. Box 49, St Albans, Herts, AL1 4AX, England, we have just received a set of flannelgraphs on hookworms, roundworms and tapeworms, together with information on the preparation and use of this medium of teaching. The flannel material comes on sheets about the size of a small tablecloth, printed with colourful pictures on various health-learning themes, which are to be cut out with scissors. This means of exchanging ideas on health has been used and developed by Professor David Morley at TALC over a period of many years and has been found to have the following advantages:

A field worker can easily carry the flannelgraphs without a vehicle. Electricity or expensive equipment are not needed.

We can use the pictures again and again if they are properly stored.

Flannelgraphs are simple and clear. They provide a visual framework on which to hang ideas.

We can build up the subject picture by picture. We can replace negative ideas by positive ones and move and change the scene.

We can leave the pictures up for as long as necessary for questions and discussion.

The flannelgraphs are quick to set up and use in homes, or in a group.

People can easily add to and adapt the flannelgraphs.

Most important of all, it is easy to encourage audience participation with flannelgraphs.

TALC wishes to emphasize that flannelgraphs should be used as a two-way exchange of ideas to promote questions, discussion and positive input by the audience and community. To our knowledge nothing of this kind has ever been developed for leprosy, although the advantages listed above are impressive. This approach might well be of value, notably in the hands of primary or community health care workers, for the early detection of leprosy and for health education in the context of multiple drug therapy. Enquiries on cost, postage, etc, to the above address.