

ABSTRACTS

**ASIAN LEPROSY CONGRESS
9-13 NOVEMBER 2000
JAYPEE PALACE HOTEL
AGRA, INDIA**

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1100-1330 hrs Room No. 1

Chair: *Dr. H. Sansarricq*

Co-chair: *Dr. N.S. Dharmshaktu*

Co 08 On community based combined leprosy and tuberculosis control work in Navi Mumbai

DR. A. ANTONY SAMY, *Daisy G., Geeta B., Vinaya S., Annamma, Joy M.*

Co 88 Leprosy care in General Health Services - experiences in Bihar, India

DR. S. KARUNAKARAN

Co 97 Mycobacterial disease control in a metropolis of S. India

MR. KOTHANDAPANI, *S.Thirunavukarasu, M. Mathews*

Co 141 Harmonious amalgamation of leprosy functions with GHC system in District Mandla

DR. R.K. PEEPRE, *S.L. Gupta*

Co 161 Integration strategies for leprosy control programmes - A model of evaluation

DR. D. RAJESH, *Navya, Grace, O. Dowd Siobhan*

Co 174 Implementation of a Joint LEP/TB/Programme in an ongoing tribal leprosy project - strategy, results and prospective role of NGOs in implementation of RNTCP

DR. V. PRABHAKARA RAO, *P.V. Ranganadha Rao, R.A. Bhuskade, Sudhakar, K.V. Desikan*

Co 307 Use of health care services and unmet health care needs

DR. JUKKA P. KNUUTTILA

Co 324 Health reforms through health & population sector programme (HPSP) in Bangladesh - salient features & expected impact on disease control, elimination & eradication

DR. ZAKIR HUSSAIN A.M. *Belayat Hussein, Jalal Uddin Ahmed, Derek Lobo*

Co 326 Combined tuberculosis and leprosy control programmes- the Bangladesh experience

DR. AHSAN ALI, *Derek Lobo, Jalal Uddin Ahmed, Kazi Belayat Ali, Nooruddin Ahmed, Sheik Shahed Hussain*

Co 335 Co-operation between national and international NGOs in the fight of leprosy - Yemen experience

DR. ABDUL RAHIM AL- SAMIE, *Yasin Al-Qubati*

Co 383 Effects of MLEC on mass awareness

DR. S.N. MALLICK, *S.C. Jha, R.P. Sinha, Dr. Shaukat Ali, D.K. Raman, M.A. Arif*

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Chair: *Dr. B. Peters* Co-chair: *Dr. D. Lobo*

Co 17 Repeated implementation of MLEC can bring down the incidence of leprosy in the community

SRI SAHADEV BEHERA, *P.K.B. Patnaik*

Co 23 Leprosy Elimination Campaign in selected districts of Karnataka and Kerala

DR. V.P. BHARADWAJ, *C.K. Rao, D. Poricha, V. Andrade, N.S. Dharmshaktu*

Co 35 LEC in Limkheda Taluka of Panchamahals District

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Co 55 Results of leprosy surveys after MLEC

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Co 110 Voluntary reporting of leprosy cases in reference to MLEC II & V.R.C. Campaign

DR. MAHESH MALVIYA, *K.L. Bhandarkar*

Co 139 The MLEC is a viamedia for integration of NLEP with General Health Care System

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Co 168 Post MLEC follow-up campaign for mopping up leprosy case detection

DR. APPA RAO, *P. Jaypal, Arun Kumar, T. Prabhakar Rao, P. Krishna Murthy*

Co 173 Leprosy elimination campaign in Bihar: the lessons to learn

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Co 251 Results of implementation of leprosy elimination campaigns in high epidemic areas

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Co 327 National leprosy elimination campaign (N-LEC) in Bangladesh- achievements and lessons

DR. JALAL UDDIN AHMED, *Derek Lobo, Lutfar Rahman Talukder, Kazi Belayat Ali, Nooruddin Ahmed, Sheik Shahed Hussain*

Co 384 Leprosy elimination - everybody's responsibility
DR. M. RAMANI

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Co-chair: *Dr. P.V. Ranganatha Rao*

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Co 150 Alternate active case detection activities- an experience in Gaya District, Bihar

DR. BISHWANATH PRASAD, *Peter Paul, A. Jesuraj*

Co 170 Case finding (leprosy) using village children - Bihar experience

DR. KAMESHWAR RAO, *Manavalan, Markdevadas, Kanagarajan*

Co 232 Unapproachable area made approachable through SAPEL in Bilaspur District

DR. VIJAYKUMAR VERMA, *K.P. Rathore*

Co 325 Short-term impact of the National Leprosy Elimination Campaign (N-LEC) in Bangladesh

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Co 192 Leprosy in Tamilnadu : a special reference to MDT regime

DR. V. SARAVANABAVAN, *S. Shanmughanandan*

Co 209 Massacre of M.leprae in Jahanabad - Bihar, India

DR. SINGARAVELU, *Kripa Sindhu Singh*

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Co 249 Process of leprosy elimination in an endemic county

DR. LI HUAN YING, *Ma Jing-Fu, Li Guan-Xiang, Guo Li-Zhu, Zhao Zhi-Yu*

Co 250 Analysis on newly detected leprosy cases in China (1990-1998)

DR. LI WENZHONG, *Shen Jianping, Chen Xiang-sheng, Jiang Cheng, Yu Meiwen, Zhu Chengbin*

Co 300 A novel approach to absentee recall in central region of Nepal

DR. N. DESAR, *R.B. Bista, J. Maharajan, C.R. Butlin*

Co 414 Early evidence for fall in disease transmission in leprosy

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Co 147 Impact of industrialization on prospects of leprosy elimination in rural sectors

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Co 257 A discussion on administrative intervention for "Leprosy 3 Three Earlyness on case finding, diagnosis & treatment"

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Co 268 How to launch leprosy control work in the hilly area

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Co 269 The issue of early discovery of leprosy in Shanghai - analysis of 47 patients diagnosed in the 1990s

DR. WANG ZAIMING, *Liang Zhong Yuan et al.*

Co 328 Factors that contributed to the achievement of the leprosy elimination goal in Bangladesh

DR. LOBO DEREK, *Jalal Uddin Ahmed, Sheik Shahed Hussain, Kazi Belayat Ali*

Co 333 Leprosy status and trends in the WHO Western Pacific Region, 1999 and a framework for cost effective post elimination surveillance system

DR. C. DILETTO, *P.S. Rao, L. Blanc, D. Ahn*

Co 373 What strategy against leprosy ?

DR. H. SANSARRICQ, *D. Daumerie*

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Chair: *Dr. C. Smith*

Co-chair: *Dr. C.R. Revanker*

Ep 13 Analysis of personal hygienic habits of multi-bacillary Hensen's cases with relation to development of new cases in community

DR. BANSOD BALIRAM.S

Ep 32 Trend of leprosy in Purulia District & Post 2000 AD priorities

DR. PRASUN KUMAR DAS

Ep 58 Leprosy in Agra - some epidemiological observations from one year field work (1999–2000)

Anil Kumar, DR. ANITA GIRDHAR, *B.K. Girdhar*

Ep 181 Leprosy profile in a population of 350000 during the last two decades ten years before and ten years after MDT

DR. K.R. RATRE, *B. Chandu, N.K. Nanda*

Ep 186 Leprosy in children - a retrospective study of child cases detected during the last 5 years in north eastern suburbs of Greater Mumbai

DR. SACHIN R. SALUNKHE, *A.A. Samy, Joy M., P.R. Dewarkar, Vincent A.K.*

Ep 202 Epidemiological, social and cultural determinants of leprosy in Asiatic environments: a study with special reference treatment and control in India

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Ep 222 Changing scenario of leprosy

DR. K.K. THASSU, *Anshu Vaish, P. Prakash*

Ep 238 Comparing leprosy indicators between schedule caste and non schedule caste people

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Ep 336 Some questions of epidemiology and fighting against leprosy in Turkmenistan

DR. CDWG A.A. GOWSHUDOW, *KKBT MI A.M. Izmailow*

Ep 386 Leprosy in China : epidemiological trends between 1949 and 1998

DR. XIANG-SHENG CHEN

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Epidemiology II 12, November 2000 /
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Chair: *Dr. Dr. P.S. Rao*

Co-chair: *Dr. B.P. Ravikumar*

Ep 47 Human Immunodeficiency Virus infection in patients with leprosy- a multi centre study

DR. EDWARD VK, *Jadhav S., Fernando A., Shinde V.S., Dutta A., Rao J.R., Babu P.G., John T.J.*

Ep 70 Household contacts of leprosy and its impact on childhood leprosy

DR. SUMAN JAIN, *Raj Gopal Reddy, Suhail Naser, Sujai Suneetha*

Ep 89 Case detection among non-household contact of new smear positive HB casesDR. PRATHIBA KATHE, *Uday Thakar, Dnyaneshwar Kholgade***Ep 121 Incidence of the leprosy in female is equal to male; revealed in MLEC-II**SRI BANKANIDHI MOHANTY, *P.K.B. Patnaik***Ep 165 Impact of prior BCG vaccination on the efficacy of various vaccines against leprosy***M.D. Gupte, DR. R. RAMAKRISHNAN, D.S. Anantharaman, M. Dhakshinamurthy, Y. Livingstone, A. George, C. Sagayanathan***Ep 178 Effectiveness of bacillus calmette guerin (BCG) vaccination in the prevention of leprosy: a case control study in Raipur - a preliminary report**DR. N.D. RAHATE, *Zodpey S.P., Kamble K.M., Mohapatra D.C.***Ep 228 Pattern of contacts in two household contacts in leprosy**DR. MEHER VANI, *Venkat Ram Reddy, Muzafarullah, Suman Jain, Lavanya Suneetha, Sujai Suneetha***Ep 343 Serology and PCR as applied to the epidemiology and prevention of leprosy**DR. S. IZUMI, *T. Budiawan, K. Saeki, M. Matsuoka, M. Hatta***Ep 371 Do we understand the future?: lessons from the leprosy simulation model SIMLEP**DR. A. MEIMA, *W.C.S. Smith, J.H. Richardus, G.J. van Oortmarssen, J.D.F. Habbema***Ep 372 Disappearance of leprosy from Norway: analysis with the leprosy simulation model SIMLEP**DR. A. MEIMA, *L.M. Irgens, G.J. van Oortmarssen, J.H. Richardus, J.D.F. Habbema***ORAL SESSION NO. 4**

Clinical I 10, November 2000 /

1100-1330 hrs Room No. 4

Chair: *Dr. G. Ramu*Co-chair: *Dr. J. Terencio de las Aguas***CI 114 Claw hand in a case of TT leprosy developing after 11/2 year MDT**DR. M.Z. MANI, *Emy Alexander***CI 115 A case of tuberculoid leprosy resembling Lupus Vulgar**DR. M.Z. MANI, *Emy Alexander, Sunitha Jacob***CI 124 Summary report of case study presented in the Asian Leprosy Congress Conference**

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CI 156 Nail involvement in leprosy*Aditi Chakrabarti, DR. RANJU RAI, Inderjeet Kaur, Bhushan Kumar***CI 157 Involvement of male genitalia in leprosy***Bhushan Kumar, Inderjeet Kaur, DR. RANJU RAI, Sanjay K. Mandal, Vinod K. Sharma***CI 205 Rare neurological conditions masquerading as leprosy**DR. R.C. SHINDE, *S.N. Tolat, N.J. Dharmadhikari, A.S. Naik***CI 231 Lepromatous leprosy masquerading cervical lymphadenitis**DR. KAUSHAL K. VERMA, *D. Dogra, R. Handa***CI 312 Clinical presentation of leprosy among patients seen in a tertiary dermatologic centre in Singapore**DR. C.S. SEOW, *Thean E***CI 385 Use of Dapsone in monitoring compliance to drug intake among leprosy patients**MOHAMAD K, *Seow C.S.***ORAL SESSION NO. 9**

Clinical II 10, November 2000 /

1430-1730 hrs Room No. 4

Chair: *Dr. D. Lockwood*Co-chair: *Dr. Bhushan Kumar***CI 102 Clinico path comparative study of count of body lesions and body zones**DR. LAKSHMI T.S.S., *Narasimha Rao P., Srinivas D., Sujai Suneetha***CI 116 Bacteriological profile of a leprosy control project**DR. M. MATHEWS, *S. Thirunavukarasu, Thomoch***CI 166 Clinico-histological study of reversal reactions**Ramanujam K., DR. G. RAMU, *K.V. Desikan***CI 265 A retrospective study of 35 cases of pure neuritic leprosy**DR. WANG QIN, *Jia Jigen, Du Xingpin et al.***CI 348 Adenosine Deaminase Activity in Active Leprotic patients**DR. EZAT M.M. NASR, *Sawsan H.M. El Tayeb***CI 364 Steroids, Cytokines and Type I (reversal) reactions**DR. DIANA NJ LOCKWOOD, *David Little, Sujai Suneetha, Saroj Young*

CI 369 The use of ML-dipstick as an additional tool to classify leprosy

Samira Buhner-Sekula, Euzenir N. Sanro, William R. Faber, Paul R. Klatser, DR. LINDA OSKAM

CI 409 Side effects of Dapsone among patients treated for leprosy: a retrospective analysis

DR. THEAN E, Seow C.S.

ORAL SESSION NO. 24

**Clinical III 12, November 2000,
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Chair: *Dr. S. Arundhati*

CI 92 Leprosy in Varanasi
DR. VINEET KAUR

CI 223 A clinical spectrum of various forms of leprosy
DR. ALEXANDER THOMAS

CI 243 Clinical analysis of 111 leprosy patients with Type 1 lepra reaction
DR. HU LU FANG

CI 277 Cancer as cause of death in leprosy patients in Jiangsu Yangzhou of China
DR. YANG ZHONG-MIN

CI 295 A severity grading for patients with erythema nodosum leprosum
DR. C. RUTH BUTLIN, Mahesh Shah, Rachel Hawkesworth, Patrick Haslett

CI 308 Squamous cell carcinoma in chronic plantar ulcers in leprosy: cauliflower growths revisited
DR. M.R.C. MACDONALD, P.J. Chamberlain, Y. Kimula

CI 329 PANSAB - A simple symbolic approach for the diagnosis of leprosy
DR. A.K.M. SHARIFUL ISLAM

CI 365 Lessons from the delayed diagnosis of leprosy, UK
DR. DIANA NJ LOCKWOOD, Andrew Reid

CI 374 The leprosy and the buruli's ulcer analogies and differences
DR. JOSE TERCENIO DE LAS AGUAS

ORAL SESSION NO. 2

Chemotherapy I 10, November 2000 /

1100-1330 hrs Room No. 2

Chair : *Dr. Li Huan Ying*

Co-chair: *Dr. P. Krishnamurthy*

Ch 74 Evaluation of multi-drug therapy in urban leprosy unit

Abishek Kumar Jha, DR. A.K. JHA 'AMAR'

Ch 77 Clarithromycin in multibacillary leprosy

Abishek Kumar Jha, P.K. Roy, DR. A.K. JHA 'AMAR'

Ch 83 Analysis of micronucleus induction in leprosy patients who are under multidrug therapy

DR. K. KALAISELVI, P. Rajaguru, S. Murugan, M.V. Usharani, G. Ramu

Ch 136 Significance of recurrence of skin and nerve lesions after multi-drug therapy in MB leprosy

DR. V.V. PAI, H.O. Bulchand, V.P. Shetty, N. Ajayan, C.R. Revankar, R. Ganapati

Ch 154 Recent advances in Hansen's management

Abishek Kumar Jha, Y.A. Lal, P.K. Roy, Amar Kent Jha 'Amar', DR. MATHURA PRASAD

Ch 217 Chemotherapy of leprosy in the new millennium

DR. N.S. SULE, P.D. Shankpal

Ch 234 A therapeutic trial of 'ROM' in multibacillary leprosy

DR. GURUNATHA BABU V.V., Kishore V, Sujai Suneetha

Ch 244 Comparison study on DDS Syndrome happened in duration of MDT and DDS - monotherapy

DR. JIA JIGEN, Wu Guiliang, Wang Jingquan

Ch 258 Clinical analysis on 12403 relapsed leprosy cases in China during 1949-1998

DR. SHEN JIANPING, Li Wenzhong, Yu Meiwen, Chen Xiangsheng, Jiang Cheng, Zhu Chengbin

Ch 284 A clinical effect of the regimen combined with dapsone, rifampicin and ofloxacin

DR. ZHU XIANCHENG, Ma Hongyu

Ch 387 Depigmentation - Delayed sequelae of Lamprene therapy

DR. SUJATHA MARIHAL, V.K. Joseph, K.K. Ghuske

ORAL SESSION NO. 7

Chemotherapy II 10, November 2000 /

1430–1730 hrs Room No. 2

Chair: *Dr. Ji Baohong*Co-chair: *Dr. P. Vijayakumaran*

Ch 07 Efficacy of ROM in Paucibacillary leprosy
DR. SUNILA ANBARASU, *Arunthathi S., Sugumarman, Gigi Ebenezer*

Ch 45 Single lesion leprosy treated with ROM - relapsing as PB leprosy
DR. EDWARD V.K., *Sujatha C.M., Shanthi E., Rao J.R., Joseph V.K.*

Ch 48 ROM Vs PB/MDT in treating PB leprosy with 2-3 skin lesions
DR. (MRS.) MARGERIE EMMANUEL

Ch 52 Single dose treatment of paucibacillary leprosy - observations on large lesions - a case report
DR. R. GANAPATI, *S. Kingsley, V.V. Pai, Shakir Khan, T.P. Mirajkar*

Ch 56 Clinical follow up of 2-5 skin lesion PB cases treated with single dose ROM
DR. S.S. GAWDE, *W.S. Bhatki*

Ch 76 ROM in 1-3 lesions H.D.
Jha Abhishek K, DR. JHA AMAR KANT 'AMAR'

Ch 93 A single dose supervised regime for paucibacillary leprosy
Sandeep Sharma, DR. NEENA KHANNA

Ch 149 Efficacy of single dose ROM for single lesion PB leprosy
DR. SHANKPAL PRAMOD, *Neal Sule, Asha Shinde, Uday Kopkar, Rajan Nerurkar*

Ch 184 Relapse rate in single dose treatment in paucibacillary leprosy
DR. C.R. REVANKAR, *V.V. Pai, H.O. Bulchand, R. Ganapati*

Ch 375 Combination of Rifapentine-Moxifloxacin - Minocycline (PMM) for the treatment of leprosy
DR. BAOHONG JI, *Jacques Grosset*

Ch 388 A study of incidence of relapse in monotherapy & multi drug treatment
DR. S.B. UMARANE, *S.V. Sawant*

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Chemotherapy III 11, November 2000 /

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Chair: *Dr. R. Ganapati* Co-chair: *Dr. M.A. Arif*

Ch 44 Case reports of relapses after MB-MDT
DR. (MRS.) S. EDWARD, *Raghavendra Rao, V.K. Edward*

Ch 54 Relapsing multibacillary leprosy - a new dimension to transmission in urban area
DR. R. GANAPATI, *H.O. Bulchand, V.V. Pai, S. Kingsley, C.R. Revankar*

Ch 66 Relapsed after MDT an experience in Wardha District
DR. G.K. JADHAV, *D.V. Hiwase*

Ch 75 MDT in MB leprosy : Evaluation of 1 year Vs 2 years
DR. ABISHEK KUMAR JHA, *Amar Kent Jha 'Amar'*

Ch 85 A study of relapsed cases in Sevagram control unit
MR. A.V. KALE, *M.S. Raju, V.V. Dongre*

Ch 182 Profile of relapses in a self drawn leprosy out-patient clinic
DR. RAJGOPAL REDDY, *Suman Jain, Sujai Sumeetha, Diana N.J. Lockwood*

Ch 190 Evaluation of Post-Released from Control Multibacillary (RFC - MB) leprosy patients in Satara District
DR. Y.K. SANAP, *P.B. Awale*

Ch 203 A long term follow up of multibacillary leprosy patients with high B.I. treated with WHO Multibacillary regimen for a fixed duration of 2 years
DR. ISAAC NEERAJ SHAW, *Geetha S. Rao, Manimozhi N, Vijayakumaran P., Melville Christian, Kumar Jesudasan*

Ch 207 Risk factors predisposing to relapse in leprosy : retrospective analysis of 78 MB and 59 PB cases present
DR. V.P. SHETTY, *S.D. Ghate, V.V. Pai, A. Wakade, R. Ganapati, N.H. Antia*

Ch 331 The effectiveness of WHO 1 year multidrug therapy for multibacillary
P. Sampoonachot, DR. K. MAHOTARN, K. Dasananjali et al.

Ch 389 Early detection and management of leprosy
DR. DIVESH MAHENDRA

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**Chemotherapy IV 12, November 2000 /
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Chair: *Dr. V.K. Edward* Co-chair: *Dr. P.D. Samson*

Ch 09 Is pentoxifylline an alternative drug in the treatment of ENL ?

DR. S. ARUNTHATHI, *S. Sugumaran, Sunila Anbarasu*

Ch 34A critical approach for chemotherapy in leprosy

DR. SUJATA G. DASTIDAR, *A.N. Chakrabarty, K. Ganguly, R.Roy*

Ch 38 Distribution and retention of clofazimine in mice

DR. NIRMALA DEO, *Venkatesan K., Gupta D*

Ch 78 Management of type II leprosy reaction : a new approach

Abishek Kumar Jha, Y.A. Lal, P.K. Roy, DR. A.K. JHA 'AMAR', Mathura Prasad

Ch 90 Immunotherapy of leprosy : analysis of 8-10 years follow up results

DR. K. KATOCH, *M. Natarajan, V.D. Sharma, Sreevatsa, U.D. Gupta, V.M. Katoch*

Ch 101 Multicentric clinical trial of prednisolone in the treatment of type-I reactions in leprosy

Rao P.S.S., DR. NISHA KURIAN, Arunthathi .S, Ravi Kumar B.P., Smith W.C.S.

Ch 107 Efficacy of ROM therapy plus convit vaccine in PB leprosy patients

DR. V. MAJUMDAR, *Saha, S.K. Hajra*

Ch 159 Does Clofazimine protect the DNA damage induced by dapsone ?

Kalaiselvi K, DR. P. RAJAGURU, N. Elangeswaran, C.H.D. Vinood Kumar, Thangaiah, Ooman, M.N. Usharani, G. Ramu

Ch 230 Multiple dose of pharmacokinetics of clofazimine

DR. K. VENKATESAN, *Nirmala Deo, A. Girdhar, B.K.Girdhar*

Ch 344 Chemotherapy of leprosy in Morocco

DR. M. NAMISATO, *F. Smahi, S. Izumi, H. Ogawa*

ORAL SESSION NO. 12

**Ocular Leprosy I 11, November 2000 /
1100–1330 hrs Room No. 2**

Chair: *Dr. M.A. Rajan* Co-chair: *Dr. S.K. Samanta*

Oc 06 Intraocular lens implantation in leprosy patients

DR. SHYAMALA ANAND, *Sunil Anand*

Oc 62 Facial patches, type I reaction & facial nerve damage

DR. MARGAREET HOGEWEG, *Syed Muzaffarullah, Rajgopal Reddy, Sujai Suneetha*

Oc 95 Tear function tests in leprosy

DR. SHEENA KOSHY, *Ebenezer Daniel, Nisha Kurian*

Oc 96 Intraocular lens implantations in leprosy

Ebenezer Daniel, DR. SHEENA KOSHY

Oc 176 Incidence of ocular morbidity during and after MDT

Daniel .E, DR. RAO P.S.S., Nisha Kurian, Sheena Koshy

Oc 187 A twenty five years retrograde audit of cataract surgery in leprosy sufferers in Eastern India

DR. SWAPAN K. SAMANTA, *Krishnendu Sarkar, Pradip Ranjan Chatterjee, Shankar Pal*

Oc 188 A current profile of the pattern of ocular leprosy in 'RFT' (Released From Treatment) era in Eastern India

DR. SWAPAN K. SAMANTA, *Krishnendu Sarkar, Pradip Ranjan Chatterjee, Shankar Pal*

Oc 237 Eye care among leprosy patients in the community

DR. P. YOVAN, *Sheena Koshy, Ebenezer Daniel*

Oc 339 Combined surgical treatment of lagophthalmos and ectropion in leprosy

DR. SUNG YUL AHN, *Hyang Joon Park, Jong Pill Kim*

Oc 392 The prevalence of blindness in leprosy

DR. K.J. THOMPSON, *G. Rajan Babu, H. Roberts, W. Kerketta, A. Kerketta*

ORAL SESSION NO. 18

**Nerve Damage I 11, November 2000 /
1430–1730 hrs Room No. 3**

Chair: *Dr. B. Naafs* Co-chair: *Dr. K. Katoch*

Ne 127 Mechanisms of nerve damage in leprosy

DR. BERNARD NAAFS

Ne 167 Immunological studies in leprosy neuritis

Patil S.A., P. Vijayashanker, Thelma Suresh, T. Abraham, V.D. Ramanathan, DR. G. RAMU

Ne 204 Alterations in axonal neurofilament protein and silent nerve damage in leprosy

V.P. Shetty, DR. MS. M.P. SAVE, K.T. Shetty, N.H. Antia

Ne 264 A retrospective study on damage of the lower extremities nerves and their branches in leprosy

DR. WANG JING QUAN, *Jia Jigen, Xuan Xiaohui*

Ne 291 Tripod trial - prophylactic use of prednisolone, results at 4 & 6 months

DR. ALISON M. ANDERSON on behalf of the TRI-POD trials team

Ne 293 Sensible manual muscle strength testing to evaluate motor function

DR. J.W. BRANDSMA

Ne 366 A simple rule to predict nerve function impairment

DR. NICHOLLS P., *Croft R.P., Steyerberg E.W., Richardus J.H., Smith W.C.S.*

Ne 367 Preventing nerve damage - a strategic review

DR. W.C.S. SMITH

Ne 390 Can risk factors in leprosy be identified before they become operative ?

DR. S. ARUNTHATHI, *Sugumaran, Sunila Anbarasu, Geetha A. Joseph*

ORAL SESSION NO. 14

Immunology I 11, November 2000 /

1100-1330 hrs Room No. 4

Chair: *Dr. D. Scollard* Co-chair: *Dr. V.P. Bharadwaj*

Im 104 Malaria, leprosy and multi-drug therapy containing daily 100 mg dapsone

DR. KUNAL SAHA, *Debasish Chattopadhyaya, K.N. Rao*

Im 122 Soluble ICAM I and sVcam I in sera of leprosy patients with reactions

DR. K.K. MOHANTY, *K. Katoch, B. Joshi, U. Sengupta*

Im 137 Detection of disease related immune complexes in the serum of leprosy patients

DR. SHRIPAD A. PATIL, *G. Ramu, R. Prasad*

Im 196 Local immunity in leprosy - a complex profile

DR. U. SENGUPTA, *K.K. Mohanty, P.K. Das*

Im 311 Cytokine levels in type reactions and their relation to nerve damage and the recurrence of reaction

DR. RAKESH MANANDHAR, *Niraj Shrestha, C.R. Butlin, Paul Roche*

Im 380 Web site: Leprosy Research Support : NIH, NIAID Contract No.1 AI-55262 at Colorado State University

Delphi Chatterjee, DR. PATRICK J. BRENNAN

Im 382 Immunisation against Mycobacterium leprae infection with DNA vaccines

DR. BRITTON WJ, *Martin E., Kanath A., Neupane KD, Roche PW*

Im 420 Correlation between co-stimulatory molecules and T cell stimulation in anergic lymphocytes of leprosy patients

DR. SRI DEVI KURELLA, *Neena Khanna, D.N. Rao*

ORAL SESSION NO. 19

Immunology II 11, November 2000 /

1430-1730 hrs Room No. 4

Chair: *Dr. V.M. Katoch* Co-chair: *Dr. B. Chua-Intra*

Im 71 Enhancement of CMI in lepromatous patients on MDT receiving herbal medicines

DR. J. JAYAKUMAR, *M. Aschhoff, Shanthi, Kirubakaran, C.K. Job*

Im 81 Immunological profile of treated long smear negative lepromatous leprosy patients

DR. BEENU JOSHI, *K.K. Mohanty, B.K. Girdhar, U. Sengupta*

Im 132 Immunohistology of the macular lesions of monoleisional leprosy

DR. MOHAN NATARAJAN, *Kiran Katoch, Vishwa Mohan Katoch*

Im 330 T cell recognition of peptides from M.leprae 35 kDa protein in Thai leprosy patients, healthy contacts and non-contacts

DR. B. CHUA-INTRA, *J. Ivanyi, S. Wattanapokayakit*

Im 347 Serological diagnosis in active leprotic and treated patients

DR. SAWSAN H.M. ELTAYEB, *Abdel Hamed, A.E. Mohamed J. Kazda, Ezz El Regal K. Ahmed*

Im 363 Expression of CC and CXC chemokines in leprosy skin lesions

DR. DIANA NJ LOCKWOOD

Im 379 The Proteome of M.leprae in context of new skin test antigens

John S. Spencer, Angela M. Marques, Bruce C. Gregory, DR. PATRICK J. BRENNAN

ORAL SESSION NO. 29

Microbiology & Pathology I 12, November 2000 /
1430–1730 hrs Room No. 4
Chair: *Dr. A.N. Chakrabarty*

Mi 16 Pigment production by *M.leprae* in vivo and in vitro cultures

DR. P. BANERJEE, *Sujatha G. Dastidar, R. Roy, A.N. Chakrabarty*

Mi 27 Antibiotic-like substances present in the sera of leprosy patients

DR. A.N. CHAKRABARTY, *Sujatha G. Dastidar, K. Ganguly, P. Gupta*

Mi 28 A pure culture leprosy vaccine

DR. A.N. CHAKRABARTHY, *Sujatha G. Dastidar*

Mi 33 Mycobacteria and *M.leprae* : some unsolved curious problems

DR. SUJATHA G. DASTIDAR, *A.N. Chakrabarty, A.K. Chandra, M. Ganguli, B. Pal, Ms. K. Ganguly*

Mi 37 Evaluation of leprosy lesions by skin smear cytology in comparison to histopathology

DR. SURABHI DAYAL, *V.K. Jain, T.S. Jaswal, Vandana Jain*

Mi 39 Nerve trunk destruction in leprosy - a morphological study

DR. K.V. DESIKAN

Mi 61 Studies on quantitative relationship among normal mouse pad, PCR and ATP bioluminescence methods

DR. U.D. GUPTA, *H.B. Singh, K. Katoch, M. Natrajan, V.D. Sharma, V.M. Katoch*

Mi 103 Fall in the bacteriological index in leprosy skin smear

DR. DURGESH KUMAR LAL

Mi 172 Comparative study of BI of skin smears and bacterial index of granuloma (Big) in leprosy

DR. NARASIMHA RAO P, *Srinivas .D, Sujai Suneetha, Lakshmi T.S.S.*

Mi 296 Experiences with quality control of slit skin smears in West Nepal

DR. HARI K. CHHETRI, *Sabina Tiwari, Jukka P. Knuutila*

Mi 381 Endothelial Cell Infection in the Pathogenesis of Lepromatous Neuritis

DR. DAVID M. SCOLLARD, *Gregory McCormick, Joe Allen*

ORAL SESSION NO. 6

Molecular Biology I 10, November 2000 /
1430–1730 hrs Room No. 1
Chair: *Dr. R.S Jadhav* Co-chair: *Dr. S. Izumi*

Mo 26 Can DNA Homology be the absolute yardstick to identify *M.Leprae* ?

DR. A.N. CHACKRABARTHY, *Sujatha G. Dastidar, A. Sen, M. Ganguli*

Mo 67 Use of reverse transcription polymerase chain reaction (RT-PCR) for the detection of *Mycobacterium leprae* in the slit skin smears of leprosy patients

DR. JADHAV R.S., *Shinde V.S., Kamble R.R., Edward S, Rao J.R., Edward V.K.*

Mo 68 Simplified PCR detection method for nasal *Mycobacterium leprae*

DR. JADHAV R.S., *Macdonald M on behalf of MILEP-2*

Mo 91 Confirmation of diagnosis in different forms of leprosy by PCR and gene probes

DR. V.M. KATOCH, *H.B. Singh, K. Katoch, M. Natrajan, V.D. Sharma, D. Singh, R. Das, D.S. Chauhan, K. Srivastava*

Mo 210 Application of PCR assays to relapsed leprosy cases

DR. H.B. SINGH, *V.D. Sharma, K. Katoch, M. Natrajan, A. Shakya, Archana, D. Singh, R. Das, D.S. Chauhan, K. Srivasatava, V.M. Katoch*

ORAL SESSION NO. 3

Disability I 10, November 2000 /
1100–1330 hrs Room No. 3
Chair: *Dr. W.H. Van Brakel*
Co-chair: *Dr. V.P. Macaden*

Di 19 Delays in presentation for treatment in leprosy

DR. DONALD BENJAMIN

Di 21 Experiences of use of prednisolone in prevention of neuritis & deformity in leprosy cases

DR. MUKESH BHACHAWAT, *K.L. Bhandankar*

Di 42 Deformity and gender

DR. V.V. DONGRE, *M.S. Raju*

Di 94 Involvement of community volunteers for augmenting 'POD' services in rural areas - preliminary observations

DR. S. KINGSLEY, *V.V. Pai, C.R. Revanker, U. Thakar, R. Ganapati*

Di 112 Helping disabled leprosy patients with ADL - assessmentDR. JOY MANCHERIL, *Hemant P.N., Ebenezer J., A.A. Samy***Di 148 Impact of steroid therapy in preventing disabilities in leprosy- a field experience**DR. A.B. PRABHAVALKAR, *Kingsley S., C.R. Revankar, R. Ganapati***Di 163 Relationship between grip strength, pinch strength and basic activities of daily living in leprosy patients**DR. PAUL RAJKUMAR P., *Farah Lenin, Caroline Prasanna, Punitha .E***Di 216 Form and functional recovery among leprosy patients with paralytic deformity and dysfunction - the role of corticosteroids?**DR. SUGUMARAN, *Arunthathi S, Sunila Anbarasu***Di 227 The epidemiology of nerve function impairment in leprosy - an update**

DR. WIM H. VAN BRAKEL

Di 417 Multi-disciplinary management for prevention of disability in the patient with insensitve feet

MR. STEPHEN A. ASHFORD

ORAL SESSION NO. 8**Disability II 10, November 2000 /
1430-1730 hrs Room No. 3**Chair: *Dr. D. Palande***Di 179 Use of the eyes, hands, feet (EHF) score as an impairment severity score**DR. WIM H. VAN BRAKEL, *Naomi K. Reed, Darren S. Reed***Di 180 Nerve function status of patients treated for nerve function impairment under prevention of deformities (POD) programme in an urban leprosy project**DR. P.V. RANGANADHA RAO, *B. Pratap Reddy, Sukumar Samson, Tilak S. Chauhan, Dinkar D. Palande, Anil Kumar, Ramesh Kumar***Di 197 CLCP's disability management programme (DMP)- a new multipurpose software**DR. ATUL SHAH, *Neela Shah***Di 199 Self Care Kit - a new field area approach to empowerment of patients in domicilliary care**DR. ATUL SHAH, *Neela Shah***Di 226 The ICIDH-2 and the consequences of neuropathy in leprosy**

DR. WIM H. VAN BRAKEL

Di 280 An experience of controlling leprosy disability

DR. ZHANG LIANHUA

Di 294 The International Classification of function- and disability in leprosy (ICIDH-2)

DR. J.W. BRANDSMA

Di 315 Treatment of plantar ulcer in leprosyDR. D. CHACKRABORTY, *T. Chakraborty***Di 355 The development, implementation and follow up of national standardized prevention of impairment/disability in Hansen's disease training courses for all 27 Brazilian states**DR. LINDA F. LEHMAN, *Hannelore Vieth, Marie Beatriz P., Orsini, Maria Leide W., Oliveira***Di 356 Basic activities and skills determined important in preventing impairments and disabilities in Hansen's diseases and their impact on training and supervision in Brazil 1997-2000**DR. LINDA F. LEHMAN, *Hannelore Vieth, Marie Beatriz P., Orsini, Maria Leide W., Oliveira***ORAL SESSION NO. 13****Disability III 11, November 2000 /
1100-1330 hrs Room No. 3**Chair: *Dr. Atul Shah***Di 30 Leprosy rehabilitation**DR. ARJIN CHOLAPAND, *Ruth Wongtrangkaphan, Kitti Kittiamphon***Di 31 Bacteriological study of pus isolates from neuropathic plantar ulcers associated with acute inflammatory phase***Gigi J. Ebenezer, DR. SHEELA DANIEL, Sujai Suneetha, Esther Reuben, Parthebarajan S., Samuel Solomon***Di 82 A preliminary report on the use of LASER in the treatment of plantar ulcers in leprosy**DR. J. JOSHUA, *John A.S., Mahato N., Bansriar .S.***Di 134 Review of results of excision arthroplasty for septic arthritis of metatarsophalangeal joints as a complication of plantar ulceration in leprosy**DR. ANIL THOMAS OOMMEN, *Parthebarajan S., Mannam Ebenezer, Samuel Solomon***Di 160 Footwear for leprosy affected persons with Grade I deformity- the process and outcome in making new models***Justine Bolton, DD Palande, DR. D. RAJESH, Narasimha Rao, Premanidhi Limma*

Di 177 Designing intervention module for prevention of plantar ulcers in the post elimination phaseDR. J. RAGHAVENDRA RAO, *R.D. Gaikwad, R.J. Lokhande, Mrs. S. Edward, V.K. Edward***Di 214 Usefulness of the patellar tendon-bearing orthosis in prevention of recurrence of plantar ulcers in small sized feet of leprosy patients**DR. SAMUEL SOLOMON, *Parthebarajan .S***Di 262 Efficacy of self-care for plantar ulcer in 43 cases of leprosy**

DR. WANG BIAO

Di 310 Foot camps extending disability care to the peripheryDR. MARK MACDONALD, *Jaganath Maharajan, Sharan P. Ruchal***ORAL SESSION NO. 28****Disability IV 12, November 2000 /****1430-1730 hrs Room No. 3**Chair: *Dr. S. Solomon***Di 18 Reoperation in failed correction of foot-drop**DR. A. BEINE, *S. Ananth Reddy***Di 63 Prevention of hand deformity "A challenge in leprosy cases"**

DR. SAJID HUSSAIN

Di 131 Can deformity correction be done at many more leprosy centres?DR. T. NARAYANAKUMAR, *T. Kirubakaran Samuel Raj***Di 140 A comparative study between claw hand following re-constructive surgery and normal hand**

DR. VICTOR JOSEPH PAUL

Di 313 Pollicization of the index finger in a severely deformed leprosy handDR. PRASHANT MURUGKAR, *Friedbert B. Herm***Di 318 The acceptability of prosthetic rehabilitation among leprosy patients**DR. SHARAN PRASAD RUCHAL, *Narendhra Khadka, Sanju Ruchal, Mark Macdonald***Di 319 Assessment and results of opponens replacement surgery**

DR. RICHARD SCHWARZ

Di 320 Surgery for triple nerve palsy

DR. RICHARD SCHWARZ

Di 391 Reconstructive surgery at peripheral centres

DR. D. VIJAYA KUMAR

Di 415 Prevention of deformities among newly detected cases with the help of nerve function assessment in an urban leprosy projectDR. S.L. NARASIMHA RAO, *Ranganadha Rao, P.V. Pratap Reddy, Mohammed Shamsuddin, Sukumar Samson, G. Swamy Reddy***ORAL SESSION NO. 23****Rehabilitation I 12, November 2000 /****1100-1330 hrs Room No. 3**Chair: *Dr. Sang Kwon Jung* Co-chair: *Mr. S.P. Tare***Re 40 Rehabilitation of leprosy sufferers living in leprosy colonies**DR. DEEPAK DEVALAPURKAR, *Suresh Shipurkar, Balkrisna Jagtap***Re 43 Socio-economic rehabilitation programme in an urban leprosy project**DR. ESTHER EDWARD, *Sukumar Samson, V. Prabhakara Rao, B. Pratap Reddy***Re 53 Computer based rehabilitation of the handicapped**DR. R. GANAPATI, *S. Kingsley, V.V. Pai, Shakir Khan, T.P. Mirajkar***Re 59 Rehabilitation of leprosy patients by psycho-social counselling**DR. DILIP GOLE, *Madhukar Neet, V.V. Dongre***Re 86 Community based rehabilitation of physically handicapped including leprosy disabled cases - a report**DR. SURESH KALEKAR, *Sandeep Joshi, Uday Thakar***Re 111 The role of family and community in rehabilitation of leprosy affected - an impact analysis**DR. NARAYAN MALLICK, *Guchhait, P.S.V. Ramakrishna, D. Jaganadha Naidu, V. Prabhakara Rao***Re 128 The use of self help groups in socio-economic rehabilitation of women affected by leprosy**

DR. AARTI NAGARAJ

Re 191 The economic advancement movement in Korea - rehabilitation

DR. SANG KWON JUNG

Re 410 Singapore Leprosy Relief Association: historical account and future perspectivesDR. TAN FPC, *Oon BB, Law J***Re 411 A voluntary sheltered home for treated leprosy persons: our experience**DR. KARIM, *Seah S.*

ORAL SESSION NO. 27

Rehabilitation II 12, November 2000 /
1430–1730 hrs Room No. 2

Chair: *Dr. P.K. Gopal* Co-chair: *Dr. G. Rajan Babu*

Re 198 Sustained income generation and social upliftment through 'Swavlamban Yojana'

Atul Shah, DR. NEELA SHAH

Re 213 Destigmatization and rehabilitation of leprosy patients: a viable method ?

DR. APARAJITHA SOHONI

Re 220 Community-rehabilitation of leprosy or BPL persons

DR. T.A. TATTITALI

Re 245 Comments on the roles played by cured leprosy patients for the routine job in leprosy control

DR. JIANG SONG, *He Tingshu, Liu Xing, Ge Jun*

Re 299 Evaluation of a progressive self care training programme

DR. HUGH CROSS, *Lesley Newcombe*

Re 305 Role of the rehabilitation team in prevention of impairment & disability

DR. FRIEDBERT B. HERM, *Hari B. Chhetri, Rita Gurung*

Re 334 The role of CBR for persons affected by leprosy

PROF. NGUYEN XUAN NGHIEU, *Ineke Petter*

Re 349 Self care groups: the ALERT experience, Ethiopia

DR. CATHERINE BENBOW

Re 412 The rehabilitation

DR. JOHAN P. VELEMA

ORAL SESSION NO. 5

Social I 10, November 2000 / 1100–1330 hrs
Room No. 5

Chair: *Dr. R.K. Mutatkar*

So 24 Social welfare activities of leprosy patients for last 23 years

DR. V.P. BHARADWAJ, *K.K. Paliwal, Amar Deo Singh, Mrs. Madhu Bharadwaj, Raja Ram, Subhash Jain*

So 118 Community health workers in leprosy elimination campaign

DR. ANNE MATTAM

So 120 Role of trained health workers and community participation in leprosy elimination campaign

DR. ASHIMA MITRA

So 123 Social intervention making a positive impact in a life disturbance situation of a woman with leprosy

V.K. Joseph, Sujatha Marihal, DR. N.B. MOTEKAR

So 146 Leprosy in the new millennium

MR. A.B. PRABHAVALKAR, *V.V. Dongre*

So 185 Role of NGOs in overcoming the stigma related to leprosy

DR. LOPAMUDRA

So 221 Effective sponsorship for social acceptance of children in the shadow of leprosy

MRS. SUSHAMA JOSHI

So 345 The mistreatment under the Japanese governments compulsory Hansen's disease isolation policy

DR. Y. AOKI, *M. Makino*

So 377 The texture of our souls : Transforming the social image of leprosy

DR. ANWEI SKINSNES LAW

So 378 Freeing ourselves of prejudice: language forms opinions

DR. ANWEI SKINSNES LAW

ORAL SESSION NO. 10

Social II 10, November 2000 / 1430–1730 hrs
Room No. 5

Chair: *Dr. A.R.K. Pillai* Co-chair: *Dr. A. Sohoni*

So 49 Local participation in Urban Leprosy Eradication Programme

SR. FRANCINA

So 84 Trialogue - a strategy for community/family based rehabilitation

DR. J. KALCHURI, *P.K. Ram, B.L. Sharma, D.W. Deshbhratar*

So 105 A study of behavioural changes in school going healthy children of leprosy patients

DR. B.B. MAHAJAN, *Geeta Garg, R.R. Gupta*

So 151 Assessment of impact of SER assistance on the socio-economic standards of leprosy affected

DR. B.V. PRASAD, *B.K. Nayak, R.A. Bhuskade, V. Prabhakara Rao*

So 153 Paper presentation on social aspects of leprosyDR. K.D.V. PRASAD, *K. Durga Raju***So 155 Factors influencing regularity of treatment of leprosy patients**DR. SUNEEL R. QAMRA, *K. Venketesan, H. Kumar, N. Kumari***So 219 Community perceptions and their influence on debilitation in leprosy**DR. SUJAI SUNEETHA, *Ranganadha Rao P.V., Tilak S. Chauhan***So 306 Factors influencing discontinuation of treatment among persons affected by leprosy in Eastern Nepal**

DR. M.L. HEYNDERS

So 317 Psycho-social aspects of leprosyDR. SANJU RUCHAL, *Sakalananda Shrestha, Madan Ghimere, C.R. Butlin, Wim Theuvenet, Paul Roche***So 393 Community participation in leprosy elimination**DR. T. KIRUBAKARAN, *J. Ponniah***ORAL SESSION NO. 30****Social III 12, November 2000 /****1430-1730 hrs Room No. 5**Chair: *Dr. M. Mathews* Co-chair: *Mrs. M. Gruner***So 14 Non-conventional methods of health education**DR. SUDHAKAR BANDYOPADHAY, *Mathura Prasad Mahata***So 20 Effectiveness of IEC intervention in special leprosy campaign in urban area of Orissa**DR. K.A. BENNY, *P.V. Ranganandha Rao, V. Prabhakara Rao, Jaydev Sahu***So 144 Perception & health behaviour of leprosy affected migrant people- an operational research***B. Pratap Reddy, DR. J. POCHAIHAH, Babu Rao, Zakariah, Anil Kumar, Ramesh Kumar, Swamy Reddy, Annie Paul***So 145 KAP among general public and service providers and prospects of leprosy integration**MR. A.B. PRABHAVALKAR, *V.V. Dongre***So 200 Health education for leprosy in rural areas**

DR. M.D. SHAIKH

So 212 Making health education efforts relevant : the Karigiri approach to community trainingDR. S. SIVASANKARAN, *Reddy, Samuel Solomon***So 215 Impact of IEC in urban leprosy control in Chennai**MR. SREENIVASULU, *S. Thirunavukarasu, M. Mathews***So 266 Method and effect of health education leprosy in the national area**DR. WANG RONG MONG, *Hu Lufang, Wu Xing-shen, Ling Yong & He Lu***So 289 Awareness about leprosy in Sunsari district of Nepal**DR. S. AGARWAL, *Garg .VK, Jha N, Agarwalla***So 394 Mass-awareness through village meeting**DR. S.N. VERMA, *Shiva Nand Verma, D.P. Verma***ORAL SESSION NO. 20****Media and Training I 11, November 2000 /****1430-1730 hrs Room No. 5**Chair: *Dr. V.V. Dongre***Me 03 Awareness about leprosy in Sunsari district of Nepal**DR. S. AGRAWAL, *Garg V.K., Jha N., Agarwalla A.***Me 15 Disability & rehabilitation - mass awareness through media**

DR. SUDHAKAR BANDYOPADHAY

Me 60 Experiences of distant learning through TDCC in Madhya PradeshDR. S.L. GUPTA, *Sunil Kujur, P.R. Manglani***Me 73 Need for sensitivity to gender - issues in improving quality of leprosy control programmes-methodology and findings of sensitization workshops**DR. GITANJALI JENA, *O Dowd Siobhan, D. Rajesh***Me 152 Transfer of POD technology to disabled cases in District Balaghat**DR. K. PRASAD, *R.N. Dewangan, S.K. Mishra***Me 193 Leprosy training in the changing scenario**MR. P. SARKAR, *V.V. Dongre, M.S. Raju***Me 208 Use of case study method for effective training-learning**DR. JAYANTI SHRIVASTAVA, *Narayan Tiwari***Me 395 Role of media in leprosy elimination**

DR. SATISH KAMAT

POSTERS

POSTER PRESENTATION

Control & Elimination All days 0900–1730 hrs

- Co 05** Effectiveness of skin camp as a means of hidden leprosy cases detection, Vellore Dist. Tamilnadu
DR. S. MD. AFZAL ALI
- Co 12** Active case detection Vs voluntary reporting in leprosy control programme - an evaluation
DR. R. BALASUBRAMANIAM
- Co 64** Justification for SAPEL (with innovative methodology) as a means to reach the elimination goal by March 2003 AD, Vellore District, Tamilnadu
MR. T.D. ILANGO
- Co 87** Results of LECs in Baruch District
Mr. C.K. Kande, Mr. A.K. Chauhan, Mr. B.S. Nadivala, DR. KANDE, B.S. Patel
- Co 195** A study of the trends of occurrence of new cases during MLEC and post
DR. M. SATYANARAYANA, *P.V. Ranganadha Rao, V. Prabhakara Rao*
- Co 233** Sustaining leprosy elimination force by combining TB control
DR. P. VIJAYAKUMARAN, *P. Krishnamurthy*
- Co 246** Study on new measures of early case-finding in a low leprosy endemic situation
DR. JIANG WEIJIANG, *Xiao Dekang*
- Co 247** Factors of affecting "Leprosy 3 earliness" by side effect of leprosy elimination and its counter measures
DR. JI LANJIANG, *Ren Xianwu*
- Co 252** Realize the target of "Eliminate Leprosy Basically" on China - suggesting change the target of "Eliminate Leprosy Basically" to "Eliminate Leprosy Original Contagion Basically"
DR. LIU SONG TAO
- Co 253** Leprosy elimination campaign in two cities of Guizhou Province
DR. MU HONGJIANG, *Bao Xia, Ye Fuchang, Wang Zhenghua, Wang Yinghong, Xiong Ping, Ma Zhiming, Wang Ai*
- Co 254** An analysis of 106 newly detected patients with leprosy
DR. OUYANG HUA, *Luo Shilong, Zhang Huanbo*
- Co 255** Analysis of newly detected leprosy cases in Xinhua City in China during 1990-1999
DR. PAN SHU
- Co 256** Evaluation of effectiveness of leprosy elimination campaigns - case-finding in Hunan Province
DR. PAN LIANGDE, *HE Xinguo, WEI Zhonghe*
- Co 259** An approach to early case-finding, early diagnosis and early treatment
DR. TAO LANG, *Lu Jianhua*
- Co 263** On early case detection: observation and diagnosis among suspected cases
DR. WANG JIAN, *Yang Yingping*
- Co 267** On correlated factors in early leprosy case finding
DR. WANG SHIZHEN
- Co 270** A study on establishment and operation of leprosy control model at the grass-roots level in the Health System Reforms
DR. XU HUAISHENG, *Gao Feng, Yu Zhengping*
- Co 271** Epidemiological analysis of leprosy in Xuzhou Prefecture
DR. WU JIANZHUO, *Xu Rongyan*
- Co 274** Strategies of leprosy control used in low endemic situations in Guangdong province
DR. XU YAO-HUA
- Co 275** Primary Health Net is the basic of leprosy control
DR. XU YONGQIANG
- Co 278** An observation on leprosy endemicity after accomplishment of leprosy basic elimination in Rudong County
DR. YAO SHIPING, *Zhang Jin, Guan Tuhua*
- Co 281** Studies on factors influencing early detection, diagnosis and treatment in floating population and their strategies
DR. ZHANG XINHUA
- Co 283** Detection of leprosy case in Guangdong
DR. Z.S. ZHAO, *D.C. Zheng*

Co 323 Impact of NLEC on routine leprosy control activities in 4 high prevalence districts of West Nepal

DR. HIMALAYA DEV SIGDEL, *Shailendra Gautam, Alison Anderson*

Co 338 National Computerized Leprosy Information System in Korea

DR. JONG PILL KIM, *Hang-Kye Shin, Young-Hoon Ko*

Co 396 Case detection in N.L.E.P.

DR. D.P. VERMA, *Saouki Ali Ayub, Pradeep Narayanan, Rajendra Paswan*

Co 397 Evaluation of mobile leprosy clinic services in mid-western region

DR. LB GURUNG, *Morrison C., MacRorie R.A.*

Co 398 Post assesment study to assess the impact of MLEC Phase II done in January 2000

DR. G. ELANGO VAN, *V.C. Ganesan*

Co 399 NLEP-calender of activities

MR. ARVIND KUMAR, *D.P. Verma, A. Pandey, S.K. Sinha*

POSTER PRESENTATION

Epidemiology All days 0900–1730 hrs

Ep 11 Clustered leprosy cases in South India

J. Arockiasamy, DR. S. BALASUBRAMANIAN, P. Jayashree, Aha Danil Raj, N. Venkatesan, D. Augusein, T. Subba Rao, M.D. Gupte

Ep 98 An investigation of living style pattern and behaviour of the families of leprosy patients Suneel R. Qamra,

DR. HARESH KUMAR

Ep 106 Analysis of epidemiological findings of MLEC I and MLEC II in tribal districts in Orissa

DR. B.R. MAHAPATRA, *K. Sudhakar, R.A. Bhuskade*

Ep 117 Epidemiological assesment of Monolesion leprosy cases

MR. V.G. MATHEW, *Helen Roberts*

Ep 183 A genetic study of leprosy : pedigree pattens and segregation analysis

DR. VENKAT RAM REDDY, *Meher Vani, Muzaffarullah, Lavanya Suneetha, Raj Gopal Reddy, Sujai Suneetha*

Ep 225 Random examination and its implications in the vaccine trial in the new leprosy scenario

R.L.J. De Britto, DR. N. UTHAYAKUMARAN, S. Kannan, Mercy Mallika, B. Sridhar, N. Ramachandran, R. Gopinath, M.D. Gupte

Ep 240 Epidemiological analysis of leprosy in Jiangsu Province

DR. CHEN NING, *Shao Suide, Yu Hao*

Ep 241 The contrastive analysis of 87 cases between the infectious source of leprosy and the finding manner

DR. GE ZHAOFA, *Wang Biao*

Ep 248 Epidermiology of leprosy through 1985-1999 in Shen Zhen

DR. JUN XIN HUANG, *Hua Zhou, Ru Pei Yang, Wang Quan Hong*

Ep 287 All the 11 member of two families suffered from leprosy successively

DR. ZOU TALI, *Zhang Huanyong*

Ep 342 Survey of newly diagnosed leprosy patients in Japan

DR. NORIHISA ISHII, *Eiichi Matsuo, Motoaki Ozaki, Yoshiyuki Kusakabe*

Ep 370 Population screening and evaluation of prophylactic treatment for contacts in leprosy hyperendemic area

Mirjam Bakker, Mohammed Hatta, Paul Klatser, DR. LINDA OSKAM

Ep 400 Comparison of occurance of leprosy among contacts and general population

DR. V. PRASADA RAO, *B.P. Ravikumar, Ratna Philip*

POSTER PRESENTATION

Clinical All days 0900–1730 hrs

CI 01 Kala-Azar (PKDL) in leprosy endemic region

MR. O. ABRAHAM, *N. Appa Rao, G. Ramakrishna Raju, T. Prabhakara Rao, P. Krishnamurthy*

CI 02 Borderline lepromatous leprosy with molluscum contagiosum- a case report from Nepal

DR. A. AGARWALLA, *Agrawal S., Garg V.K.*

CI 72 Leprosy skin lesion on scalp

DR. P. JAYAPAL, *N. Appa Rao, T. Prabhakar Rao, Vijayakumaran*

CI 113 Ewans Syndrome in a leprosy patient - a case report of an unusual encounter

DR. DANIEL K. MANI, *Sunila Anbarasu, Arunthathi S., Sugumaran D.S.T., Anbarasu J.P.*

CI 158 Childhood leprosy in Chandigarh - a clinico-histopathological correlation

Bhushan Kumar; DR. RANJU RAI, *Inderjeet Kaur*

CI 194 A practical field worker's classification of leprosy

DR. RASHMI SARKAR, *R.V. Koranne*

CI 206 A fatal case of erythema necroticans

DR. SHRUTAKIRTHI D. SHENOI, *C. Balachandran*

CI 285 An unusual case of primary histoid leprosy

DR. ZOU TAILI, *Chen Fanggui*

CI 288 Leprosy service to inmates of prison

DR. AJAI N. WALTERS, *Pratap Todd*

CI 304 Infection control in a leprosy referral centre

DR. RITA GURUNG, *Bishwo M Bhattarai, Friedbert B. Herm*

CI 340 Occurrence of plane xanthoma in leprosy

DR. C.W. IHM, *K.B. Ko*

CI 350 Occurrence of late lepra reaction in leprosy patient: subsidies for implementation of a specific care program

I.M.B. Goulart, A.P. Almeida, D.S. Borges, C.A. Pinheiro, A.L.P. Rodrigues, B.F. Rodrigues, DR. N.T. FOSS

CI 351 Association of lateral amyotrophic sclerosis and leprosy peripheral neuropathy - case report

I.M.B. Goulart, F.B. Ruiz Jr., C.M.E. Ribeiro, E.C. Lacerda, S.A. Nishioka, DR. N.T. FOSS

CI 353 Aplastic anemia and multidrug therapy in a patient with lepromatous leprosy : report of a case

I.M.B. Goulart, C.M.E. Ribeiro, S.A. Nishioka, M.S. Ferreira, A.S. Borges, DR. N.T. FOSS

CI 357 Auxillary clinical - laboratory markers in the monitoring of erythema nodosum leprosum

DR. J.C. SIMSO, *A.B. Martins, C.A. Casamoti, N.T. Foss, C.S. Souza*

CI 359 Lucio's phenomenon : Report of Brazilian cases

DR. C.S. SOUZA, *F. Figueiredo, A.M.F. Roselino, N.T. Foss*

CI 361 Diffuse Lepromatous Leprosy (Lucio's Leprosy)

DR. O. RODRIGUEZ

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Chemotherapy All days 0900-1730 hrs

Ch 36 A study of factors influencing patients compliance in an out-patient clinic

DR. DAVID .K, *Ramana Babu K., Rajgopal Reddy, Sujai Suneetha*

Ch 51 Single dose treatment for single lesion leprosy - histopathological observations

Asha Shinde, U Khopkar, V.V. Pai, DR. R. GANAPATI

Ch 57 Rare sites and immune zones for leprosy - where are you?

DR. ASHOK GHORPADE, *C. Ramanan, M.N. Das*

Ch 80 Dapsone Syndrome : report of 9 cases from Nepal

DR. ARUN JOSHI, *Mary Jacob, Sudha Agrawal, Arun Agarwalla, Vijay K. Garg*

Ch 129 Multicentric field trial in PB leprosy with 2-5 lesions

DR. B. NAGARAJU, *N. Mahalingam, V. Ramachandran, S. Anitha, B. Arumugham, D. Murugan, G.L. Stephen, M.D. Gupte*

Ch 135 Response of single large lesion to single dose therapy - a case report

DR. V.V. PAI, *H.O. Bulchand, R. Ganapati*

Ch 286 A case of hypersensitivity reaction due to both DDS and B663

DR. ZOU TAILI, *Wang Zhenghua*

Ch 314 Changes in the prevalence of dapsone resistant leprosy since the implementation of MDT

DR. KAPIL DEV NEUPANE, *Sarah Failbus, C. Ruth Butlin, Paul Roche*

Ch 322 Rapid diagnosis of rifampicin resistance in leprosy

DR. NIRAJ SRESHTA, *Andrea Thomas, Paul Roche, Nadine Honore, Stewart Cole*

Ch 352 Adverse effects of multi drug therapy in leprosy patients

I.M.B. Goulart, M.S. Rodrigues, R. Gadia, M.H. Carneiro, G.L. Arbex, DR. N.T. FOSS

Ch 368 Chemoprophylaxis: a systematic review of the literature and meta-analysis

DR. SMITH .C.M. on *Behalf of MILEP2 Study Group*

Ch 416 Relapse cases among those RFT
MISS KUMUD LATA LALL

POSTER PRESENTATION

Ocular Leprosy All days 0900–1730 hrs

Oc 279 Ocular complications in leprosy: an epidemiological study of 219 patients
DR. YE FUCHANG, *Bao Xia, Mu Hongjiang*

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Nerve Damage All days 0900–1730 hrs

Ne 99 Ultra structural neural-Pathology in lepromatous leprosy
DR. V. KUMAR

Ne 109 Peripheral nerve surgery in leprosy
DR. G.N. MALAVIYA

Ne 164 Incidence of neuritis in a rural leprosy project of Orissa with an integrated POD
DR. M. SATHI RAJU, *I.A. Khan, K. Eshwara Rao, P.V. Pramod*

Ne 218 Altered cholinesterase levels in leprosy nerves
DR. LAVANYA M. SUNEETHA, *Bhanumathy, Samuel Solomon, Sujai Suneetha, Ravi J. Korula, Balasubramanian*

Ne 290 Tripod trial - preparing for a clinical trial in a field setting
DR. ALISON M. ANDERSON *on behalf of the TRI-POD trials team*

Ne 346 Leprous neuropathy: morphological study of biopsied peripheral nerves
DR. TAKASHI KIMURA, *Kiyoharu Inoue, Shinzo Izaumi, Kazuki Hashimoto, Osamu Yahara*

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Immunology All days 0900–1730 hrs

Im 133 A study on the reproducibility of two specific serological assays for diagnosis of leprosy
DR. OM PRAKASH

Im 316 Screening new leprosy antigens for potential as leprosy skin tests
Dr. Parmeshwar Amatya, Rakesh Manandhar, Kees Franken, Tom Ottenhoff, Warwick Britton, PAUL ROCHE

Im 341 Immunological characterization of vaccine
DR. NORIHISA ISHII, *Yasuyuki Sugita, Yoshiyuki Kusakabe, Kenji Okuda*

Im 358 C-reactive proteins, lymphoproliferative response and pattern of cellular phenotype in leprosy

C.S. Souza, DR. N.T. FOSS

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Microbiology & Pathology
All days 0900–1730 hrs

Mi 65 The use of Myelin & Axonal Stains to assess the extent of nerve damage in neuritis of leprosy
DR. MOHD. ISMAIL, *Sujai Suneetha*

Mi 125 Effect of poly unsaturated fatty acids in edible oils on the growth of Mycobacterium leprae in CBA MICE
DR. MURUGANAND .D, *Gigi Ebenezer, Shantha A, C.K. Job*

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Molecular Biology All days 0900–1730 hrs

Mo 337 Detection of dapsone resistance mutation of Mycobacterium leprae from Korean leprosy patients
DR. SEONG-BEOM LEE, *Tae-Jin Kang, Se-Kon Kim, Gue-Tae Chae*

Mo 354 Detection of Mycobacterium leprae by PCR in nasal and buccal mucosae in leprosy patients and household contacts
I.M.B. Goulart, F.R. Ferreira, C.A. Pinheiro, D.S. Borges, G. Cunha, L.R. Goulart, DR. N.T. FOSS

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Disability All days 0900–1730 hrs

Di 04 Is delay in treatment after diagnosis related to an increase in the deformity?
DR. Y. ALBAN, *T. Amalraj*

Di 100 A study of aetiological factors for plantar ulcers in a leprosy rehabilitation home
DR. S. KUMARAVEL, *Syed Muzaffarullah, Samson Varaprasad*

Di 108 Multi-disciplinary approach is needed for treating recurrent plantar ulcers in leprosy
DR. G.N. MALAVIYA

Di 126 Bio mechanical problems of the foot in leprosy
DR. SYED MUZAFFARULLAH, *Rajgopal Reddy, Suman Jain, Sujai Suneetha*

- Di 162 Prevention of secondary impairments and its sequelae due to peripheral nerve damage in leprosy - what can occupational therapy do ?**
DR. P. PAUL RAJKUMAR, *Prem Kumar R., Farah Lenin, Kasthuri Paulraj*
- Di 169 Impact on self care practices among patients with Grade - II disability**
Sathi Raju, DR. K. ESWAR RAO
- Di 189 Community based ulcer care**
Geetha A. Joseph, DR. P. SAMUEL, *Sathiaraj Y, Raja Samuel Bushanam*
- Di 211 Innovative POD programme - implementation and results**
DR. RAJINI KANTH SINGH, *Mahato, Lakshmi Singh*
- Di 229 Factors in plantar ulcer prevention - baseline survey and recommendations for an intervention**
DR. S. VARNAM
- Di 239 An assesment of the effect of protective footwear in 571 leprosy patients with plantar sensory loss**
DR. BAO XIA, *Mu Hongjiang, Ye Fuchang*
- Di 276 Disabilities among new cases detected 1989-1998 in China**
DR. YAN LIANGBIN, *Zhang Guocheng, Li Wenzhong, Jiang Cheng, Chen Xiangsheng, Yu Meiwen, Zhu Chengbin*
- Di 282 Evaluation of effectiveness of leprosy rehabilitation pilot project for 3 years in 4 counties in Yangzhou Prefecture of China**
ZHANG XINHUA, *Su Jun*
- Di 297 Modified patella tendon bearing brace for the neuropathic foot in leprosy**
DR. HARI B. CHHETRI, *Friedbert B. Herm*
- Di 301 Plantar ulcers in leprosy patient perceptions and traditional practices of cure**
DR. SABITHA GHIMERE, *Madan Ghimere, Joanne Macdonald, Niru Shrestha, C. Ruth Butlin*
- Di 309 Surgical management of complicated foot ulcers: a hospital based pilot study**
DR. MARK MACDONALD, *Krishna Kandel, Paul Roche*
- Di 376 Surgical reconstruction of irreparable ulnar nerve palsy**
DR. TURKER OZKAN, *Kagan Ozer, Ahmet Bicik, Ayse Yuksel*
- Di 401 Healing of plantar ulcers in the field conditions over a period of one year observation**
MR. RAVI, *Jayaraj, Srinivasan*
- Di 402 Functional adaptation in leprosy**
DR. KAMARAJ ARULMOZHI
- Di 413 P.O.D. kit to train leprosy effected persons in self care methods**
DR. NUTHAKKI BRAHMACHARY S.R.
- Di 418 Plan for re-constructive surgery among disability patients**
MR. SUDHAKAR, *Jayaraj, Srinivasan*
- Di 419 Experience of the disability prevention programme in Vishakhapatnam District**
MR. BENIYAMIN, *Jayaraj, Srinivasan*

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- Re 50 Social rehabilitation of addicted H.D. cases through institutional AA-groups in leprosy institutions**
DR. K. GANAPATHY, *A. Beine, SR. Roslin T.*
- Re 175 ILEP guidelines for SER of people affected by leprosy - their application and results in 5 leprosy projects of LEpra, India**
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- Re 261 A study on social aspects of leprosy rehabilitation**
DR. WANG BAOREN
- Re 292 Experiences of agricultural training in rehabilitation of people with disabilities in Nepal**
DR. KAREN BAXTER
- Re 298 The development of an appropriate micro-finance scheme for people with disabilities in Nepal**
DR. JAMES CHINNERY, *Mukti Sharma*
- Re 302 Experience of Micro Business Skills training of people with disabilities in Nepal**
DR. MEGAN GRUEBER, *Shrijan Gyanwali*
- Re 303 Socio-economic rehabilitation in mid-western region, Nepal**
DR. LALIB GURANG

Re 362 Issues in the rehabilitation of people affected by leprosy- a case study from Nepal
DR. JANET JONES

Re 403 Change in social and economical aspects of beneficiaries in community based rehabilitation programme
DR. S. PRASAD CHOWDARY, *B.P. Ravikumar, Ratna Philip*

Re 405 HANDA's activities - a concept of holistic rehabilitation
DR. CHEN ZHIQIANG, *Yang Lihe, Ruth C. Winslow*

Re 408 Rehabilitation of leprosy patients
DR. PRASAD GEORGE CHERIAN

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Social All days 0900-1730 hrs

So 79 Gender issues in the service delivery to leprosy patients

DR. ANNAMMA S. JOHN, *D. Vijayakumar, Jerry Joshua*

So 171 KAP study in a tribal leprosy project for evaluation of impact of IEC interventions

DR. P. NAGESWARA RAO, *A. Appalaidu, R.A. Bhuskade, V. Prabhakara Rao*

So 201 Community Leprosy Elimination Action Project by Rotary

DR. N.P. SHANKER NARAYAN, *P.K. Gopal, T. Kirubakaran, Samuel Raj*

So 224 Knowledge and attitude of school children towards leprosy

Geetha A. Joseph, DR. P. UDAYASURIYAN, Manimozhi N., Raja Samuel Bushanam, Rao P.S.S.

So 260 Health education about leprosy in recent 10 years

DR. WANG BANREN, *Zheng Damei*

So 272 A survey of the knowledge and attitude about leprosy of the residents in the epidemic area

DR. WU XINSHENG, *Wang Rongmao, Lin Yong, He Lu, Hu Lufang, Wang Kai, Ren Xiaohui, Shun Min, Li Binyu*

So 273 A survey of the knowledge and attitude about leprosy of the health worker in the epidemic area

DR. WU XINSHENG, *Wang Rongmao, Lin Yong, He Lu, Hu Lufang, Wang Kai, Ren Xiaohui, Shun Min, Li Binyu*

So 321 Does discrimination against women with regard to duration of hospital admission exist in leprosy ?

DR. KANCHA SHRESTHA, *Rachel Hawksworth*

So 332 Non-compliance with WHO-Multi-drug Therapy (MDT) among leprosy patients in Cuba, Philippines

DR. HONRADO, *Tallo V.L., Balis A.C., Chan G.P.*

So 360 "Luiz Marino Bechelli" League for the combat of leprosy: an educational project

DR. C.S. SOUZA, *A.C. Forster, N.T. Foss*

So 406 Health education of the R.F.T. cases during follow-up

J. RAGHAVENDRA RAO

So 407 Financial review of income & expenditure (salaries)

MR. RAVI S. GAIKWAD

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Media & Training All days 0900-1730 hrs

Me 142 Evaluation of impact of 3 weeks training programme in POD/POWD on enhancing competencies of field staff and programme implementation

DR. JOHN PETER, *M. Sathyanarayana, P.V. Ranganadha Rao, V. Prabhakara Rao, D. Rajesh*

NOTE

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