EMD – 93

INDIA - USA SYMPOSIUM ON
ENDOCRINOLOGY, METABOLISM AND
DIABETES IN COLLABORATION WITH
ASSOCIATION OF ENDOCRINOLOGISTS OF
INDIAN ORIGIN, USA
27 - 29 DECEMBER, 1993 AT HOTEL OBEROI
TOWERS NARIMAN POINT BOMBAY 400 021,
INDIA

PURPOSE
A symposium and workshop organised to promote
the continued growth and development of the
clinical science of endocrinology, metabolism and
diabetes by fostering intellectual bridges and ex-
changes between physicians - scientists in India and
abroad.

ORGANISING COMMITTEE
N.G. Talwalkar (Chairperson)
H.B. Chandalia (Organising Secretary)
Damayanti Shah
Padma Menon
Siddharth Shah
Anand Gokani
Varsha P. Bagul

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Dinesh Kumar (Los Angeles, CA)
M. Bhaskar Rao (Columbus, OH)
Jayendra Shah (Tuscon, AZ)

ADVISORS
Meena Desai
Anil Kapur
N. N. Kochupillai
Nadeem Rais

SECRETARIAT
EMD - 93, Organising Secretary, Dr. H. B. Chan-
dalia, 18 Kala Bhavan, 3 Mathew Road, Bombay
400 004, INDIA. Telephone: (22) 3634320, (22)
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FACULTY FROM USA
All faculty members are established investigators
and professors working at academic institutions in
USA.
M. Bandisode (Martinez, GA), B. Boshell (Birmin-
gham, AL), D.M. Bosukonda (Albany, NY), S.M.
Chandra (Birmingham, AL), P. Dandona (Buffalo,
NY), O.P. Ganda (Boston, MA), A. Garg (Dallas,
TX), V.V. Gossain (East Lansing, MI), M. Gupta
(Cleveland, OH), N. Gupta (Easton, Pa), U. Kabadi
(Phoenix, AZ), R. Khardori (Springfield, IL), D.
Kumar (Los Angeles, CA), K. Pandey (Augusta,
GA), M. Raizada (Gainesville, FL), M.B. Rao
(Bethesda, MD), M. Bhaskar Rao (Columbus, OH),
S. Rao (Troy, MI), D. Sarkar (Pullman, WA), J.
Shah (Tuscon, AZ), S. Shah (Tuscon, AZ), M. Sinha
(Greenville, NC), S. Singh (Washington, D.C.), M.
Subramaniam (Detroit, MI), A. Vavswani (Mineola,
NY), S.K. Verma (Lubbock, TX).

SCIENTIFIC PROGRAM
Endocrinology
Regulation of hypothalamic LHRH by peptides and
neurotransmitters
Studies on primary culture of cells from pituitary adenomas
Role of pituitary transforming growth factor beta in pituitary tumorogenesis
Empty sella, Sheehan's syndrome
Pubertal endocrine disorders
Hyperprolactinemia - criteria for treatment
Neuroendocrinology and growth hormone : IGF$_1$ receptors in brain growth and development
Evaluation of short stature
Hormonal and growth factor status of newborn babies with IUGR
Growth hormone replacement - current concepts
Thyroid physiology
New issues in thyroid disease : availability of new sensitive assays and their clinical application
Graves disease : pathophysiology, varied clinical presentations, current trends in management
Thyroid disease in pregnancy and childhood
Newer prenatal diagnostic techniques and their role in assessing fetal thyroid functions and fetal therapies
Thyroid disorders in elderly
Autoimmune thyroid disease
Adrenal steroidogenesis : basic physiology
Cushing's disease : unresolved questions
Adrenal function in patients with (1) pulmonary tuberculosis (2) AIDS
Precocious Puberty
Intersex disorders
Hyperandrogenism : HAIR-AN Syndrome, Non-classical adrenal hyperplasias; PCOS
Diagnosis and management of hypogonadism, infertility and ambiguous genitalia
FSH : Signal transduction; purification and structure function relationships of FSH receptor; role of FSH in breast and prostate carcinogenesis
Psychoendocrinology of Ageing
Hormonal basis of depression
Tumor hormones
Atrial natriuretic factor and transmembrane signal transduction in endocrine cell function.

**Metabolism**
Calcium, Vitamin D and bone metabolism
Calcium and fluoride interaction
Rickets and osteomalacia : the Indian scene
Primary hyperparathyroidism and parathyroid related bone disease
Metabolic bone disorders : dynamics of bone turnover
Osteoporosis : evaluation; treatment options; postmenopausal osteoporosis
Hyperlipidemias : identification and treatment

Obesity : management; combination of caloric restriction and exercise

**Diabetes**
Immunology, genetics and pathophysiology of IDDM
NIDDM of young with a comprehensive review of FCPD, PDDM and MODY
Insulin and IGF$_1$ receptors in diabetes
IDDM in India : islet cell autoimmunity and residual beta cell function
Islet cell reserve in various types of diabetes
Molecular, cellular and biochemical aspects of diabetes
Glucose - induced insulin release; role of sodium, potassium and other factors
Insulin resistance : Insulin resistance and hypertension; insulin resistance and NIDDM; Insulin Resistance Syndromes
Epidemiology of NIDDM in India
Dietary approaches in Diabetes Mellitus : alkaline ash foods
Insulin therapy in diabetes
Recent advances in management of IDDM
Combination therapy in NIDDM and its relevance
Acute Care : acute complications, infections in diabetes
Macrovascular and microvascular complications in diabetes
Diabetic foot and leg syndrome : Indian perspective; Western v/s Indian experience; problems in elderly diabetes, early detection and intervention Cardiac dysfunction in patients with early diabetic nephropathy and neuropathy
Diabetes and Pregnancy : screening for diagnosis; outcome; guidelines for care; pregnancy complicated by diabetic nephropathy; management of chronic hypertension in pregnant diabetic woman
Diabetes and Hypertension : inter-relationship
Diabetes in Elderly
Metabolic studies in young children as predictors of DM
Observations on central obesity and insulin resistance in relation to glucose intolerance, blood pressure and coronary artery disease
Challenges in diabetes education and health promotion

**TECHNOLOGY UPDATE**
Neuroendocrine evaluation
Membrane receptor purification and assay development for clinical use
Site specific anti-receptor antibodies and their clinical application
Molecular biological techniques in endocrinology
Technology for assessment of neuropathy and ischemic diabetic limb
Non-isotopic immunoassays ES-300 system
Laboratory tests for infertility
Gene expression in eukaryotic cells

FREE COMMUNICATIONS
Registrants are invited to submit free communications for oral presentations at the conference. As the primary purpose of EMD-93 is continuing medical education, free communications incorporating original work should be coupled with a short review of the topic. Please submit an extended summary of about 500 words, neatly typed before October 31, 1993.

SESSIONS FOR FAMILY PHYSICIANS
There will be concurrent sessions daily from 2.30 pm to 5.00 pm for the family physicians. In these sessions, faculty will discuss clinical approach to commonly encountered problems in family practice. Family physicians or internists can register separately for these sessions at a much lower cost.

DIABETES EDUCATION PROGRAM
One full day parallel session will be devoted to diabetes education. This program is being organised in collaboration with the National Diabetic Association of India. These sessions will be primarily organised by persons with diabetes and provide a common platform for the interaction of persons with diabetes and health-care professionals. Paramedical personnel, diabetes educators and persons with diabetes can register for these sessions at a much lower cost.

ACCOMMODATION, TRAVEL AND TOURS
The official accommodation, travel agent/tour operator for EMD-93 is-
Travel Corporation (India) Ltd.
HO Chander Mukhi, Nariman Point,
Bombay 400 021
Attention: Mrs. S.P. Sukeshwala, Ms. Meher Framjee
Telephone: 2021881, 2027120
Telefax: 91 (22) 2029424

Please contact TCI India Ltd. directly for all your accommodation, travel/tour requirements. We have blocked sufficient rooms in nearby hotels.

HOTEL TARIFF

<table>
<thead>
<tr>
<th>Distance from Conference Venue</th>
<th>Tariff / night</th>
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<tbody>
<tr>
<td></td>
<td>Single Occupancy</td>
</tr>
<tr>
<td>Oberoi Towers 0 Km</td>
<td>Rs. 3835</td>
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<tr>
<td>Sea Green Hotel 1/4 Km</td>
<td>Rs. 715</td>
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<tr>
<td>Ambassador Hotel 1/2 Km</td>
<td>Rs. 2335</td>
</tr>
<tr>
<td>President Hotel 1 Km</td>
<td>Rs. 3432</td>
</tr>
<tr>
<td>West End Hotel 2 Km</td>
<td>Rs. 870</td>
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</tbody>
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A limited number of hostel type of inexpensive accommodation is available through the secretariat.

DEADLINES
Early registration October 31, 1993
Submission of Abstracts October 31, 1993
Request for Accommodation November 15, 1993
(For registration form see p. 97)

INTERNATIONAL JOURNAL OF DIABETES IN DEVELOPING COUNTRIES
(Diabetes Bulletin)

This journal will enter fourteenth year of its publication in January, 1994. It was published with the financial support of Boots Company (India) Ltd. and Novo Nordisk Health Care Group, Singapore from 1990-1993. A large number of copies of this journal were being distributed gratis.

From January, 1994 onwards this journal will only be available directly from the publication office at Bombay by subscription. We request all the current readers to subscribe early in order to avoid deficiency in their volumes. It will not be possible to supply back issues. In order to minimise paper work on either side, we urge readers to subscribe for a minimum period of three years at a time.

It is proposed to further improve and strengthen this journal by a variety of measures, including wider circulation, recognition by abstracting agencies and addition of newer features (e.g. correspondence, rapid publication, short articles and case-reports).

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