CME

An update on OSTEOPOROSIS &
Its management

Thursday 24th & Friday 25th April 2014

Organized by
Department of Pharmacology

Venue
College Auditorium
RajaRajeswari Medical College & Hospital
Bangalore-560074
Dear Delegates,

Osteoporosis = porous bone is a ‘silent disease’ at all ages with annual incidence of 15 lakhs, hence adding to one of the most common preventable causes of skeletal disease!

Therefore, we at the Department of Pharmacology, Rajarajeshwari Medical College & Hospital, are pleased to invite you to a CME program which will cover – recent advances on etio-pathogenesis, diagnosis, pharmacotherapy and prevention of Osteoporosis. Also, in this TWO day CME we will cover unique topics on – physiology of bone formation, clinical presentation, endocrinal regulation, bone biomarkers/estimation/interpretation, their importance & clinical relevance, the plant products & nutritional aspects of prevention including clinical case presentation.

We invite participation from varied class of health care professionals – faculty from clinical/para-clinical, medical students – UGs/PGs, staff/students of ayurveda, nutritionists as well as all those interested in this topic. There will be interactive panel discussions at the end of each session. We anticipate this multidisciplinary, interactive program will give opportunity for all participants to understand - basic, clinical as well as recent advances in treatment of Osteoporosis an important topic on a single platform.

A brief audio-video presentation of analytical technique for estimation of bone specific biomarkers will also be screened during the program along with clinical cases discussions.

We look forward to your participation at this interactive CME program

Dr Chanda Kulkarni MD; PhD; FSASMS [Neuropharmacology]
Organizing Chairperson

Organizing Secretary

Dr. Meena K N, md
Associate Professor
Department of Pharmacology
Rajarajeswari Medical College & Hospital
Bangalore-560074
**THURSDAY, 24th APRIL 2014**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:30-09:00 AM</td>
<td>Registration</td>
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<tr>
<td>09:00-09:15 AM</td>
<td>Inaugural Function</td>
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<tr>
<td><strong>Session 1 - Morning</strong></td>
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<tr>
<td>09:15-09:30 AM</td>
<td>Pre-test</td>
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<tr>
<td>09:30-10:15 AM</td>
<td>Physiology of Normal Bone formation</td>
<td>Dr.Krishnaprasad, Professor, PhysiologyMVJ</td>
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<tr>
<td>10:15-11:00 AM</td>
<td>Etiology &amp; Pathogenesis of Osteoporosis</td>
<td>Dr Chanda Kulkarni, RRMCH</td>
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<tr>
<td>11:00-11:45 AM</td>
<td>Risk factors &amp; Clinical Manifestations of Osteoporosis</td>
<td>Dr.Rajgopal, HOD, Orthopedics, RRMCH</td>
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<tr>
<td>11:45-12:30 PM</td>
<td>Role of Endocrinal regulation in osteoporosis &amp; General principles of treatment</td>
<td>Dr.Ganapathi B, HOD, Endocrinology, SJMCH</td>
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<tr>
<td>12:30-01:00 PM</td>
<td><strong>Panel Discussion</strong></td>
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<td>01:00-01:45 PM</td>
<td>LUNCH BREAK</td>
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<td><strong>Session 2 - Noon</strong></td>
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<tr>
<td>01:45-02:15 PM</td>
<td>Types of Biochemical Markers of Bone Turnover, their relevance/ importance</td>
<td>Dr Anitha Bijoor, HOD, Biochemistry, SJMCH</td>
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<td>02:15-03:00 PM</td>
<td>Role of Radio-diagnostic Techniques in osteoporosis</td>
<td>Dr.Rachita Ramamurthy, Cons. Radiologist</td>
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<td>03:00-03:45 PM</td>
<td><strong>Panel Discussion</strong></td>
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<td>03:45-04:00 PM</td>
<td>Tea Break</td>
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**FRIDAY, 25th APRIL 2014**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>08:30-09:15 AM</td>
<td>Pharmacotheraphy of Osteoporosis</td>
<td>Dr. Palaniyamma, Medical Advisor, Himalaya Drug Co Ltd</td>
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<tr>
<td>09:15-10:00 AM</td>
<td>Update on treatment of Osteoporosis using Natural Products</td>
<td>Dr.Shubhashree, NADRI, CCRAS</td>
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<td>10:00-10:15 AM</td>
<td>Tea Break</td>
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<tr>
<td>10:15-11:00 AM</td>
<td>Use of Chemiluminescence for analysis of Bone Biomarker's</td>
<td>Dr Shetty HV, HOD, Biochemistry, RRMCH</td>
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<td>11:00-11:15 AM</td>
<td>Audio-video of Chemiluminescence</td>
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<td>11:15-12:00 AM</td>
<td>Prevention &amp; Precautions for Maintaining Healthy Bone</td>
<td>Dr Amarjeet Raja, Asst. Director, Quintiles, Bangalore.</td>
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<td>12:00-12:30 PM</td>
<td><strong>Panel Discussion</strong></td>
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<td>12:30-01:00 PM</td>
<td>Allocation of assignment of exercises on clinical cases to participants</td>
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<td>01:00-01:45 PM</td>
<td>LUNCH BREAK</td>
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<td><strong>Session 4 - Noon</strong></td>
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<td>01:45-03:00 PM</td>
<td>Case Presentations by participant group leaders &amp; Post graduates from Pharmacology will give correct answers &amp; Dr Rajagopal, HOD, Orthopedics will be moderator for discussion</td>
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<td>03:00-03:15 PM</td>
<td>Tea Break</td>
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<td>03:15-03:30 PM</td>
<td>Post-test</td>
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<td>03:30-04:00 PM</td>
<td>Feed Back, Valedictory &amp; Distribution of certificates</td>
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**Contact:**

Mrs. Hemamalini-09449662365

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Vice Dean

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Research Consultant & Prof
Department of Pharmacology
RRMCH

Co-Chairperson
Dr. Basavaraj Bhandare
Vice Principal; Prof & HOD
Department of Pharmacology
RRMCH

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Dr. Satyanarayana V
Mrs. Hemamalini
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Dr. Jyothirmoy A

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Dr. Pavithra K
Dr. Suma Jayaram
Dr. Jyothi R
Dr. Priya Mohan

Dr. Naveen Poojar C M
REGISTRATION FORM

*Name…………………………………………………………………………………………………………………

*State Medical Council Registration Number……………………………………………………………………

* Address including details of hospital/Institution…………………………………………………………

*Mobile No………………………………………. *Land line No………………………………………………...

*Contact e-mail ID for rapid communication …………………………………………………………………

Cheque/DD Details: Amount Rs.………..(In words Rs.…………………………………………………)
Dated…………………………………………..Number…………………………………………………………

Drawn on (Bank Name)………………………………………………..............................................

Kindly Note: Last Date of Registration-10\textsuperscript{th} APRIL 2014

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<tr>
<th>Category</th>
<th>Registration Fee</th>
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<tr>
<td>All health care professionals Medical/Ayurveda/Pharmacy</td>
<td>Rs.1000.00</td>
</tr>
<tr>
<td>All students – PGs, UGs etc.[produce certificate as proof]</td>
<td>Rs.750.00</td>
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</tbody>
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- Issue of certificate with 4 credit hours
- Number of Registrations will be limited to 100
- No spot registration & No refund against cancellation

Payment details - Registration Fee to be paid as - Local Cheque/DD/Cash/NEFT in favor of Department of Pharmacology RRMCH,Bangalore.

Kotak Mahindra Bank, A/C No: 6811260695   NEFT No: KKBK0000427

* Please mail the Transaction ID with your details to: pharmacologyrrmch@gmail.com

Mailing Address for registration: Mrs. Hemamalini
Dept of Pharmacology
RRMCH,
Bangalore - 5770064