Department of Pulmonary Medicine
Departmental Profile

Introduction

- Established in 1990.
- Running DOTS under RNTCP since 2000 with increasing case detection and treatment including MDR cases.
- Received grant of Rs. 20 lakhs in 2005 from GAIL for starting Air Pollution related respiratory disease diagnostic centre.
- PG course (MD- Pulmonary Medicine) started in May 2010.
- Video bronchoscope installed in OCT 2012.

Faculty

1. Dr. Ram B Deoskar                    Professor & H.O.D
2. Dr. Medha D Bargaje                 Professor
3. Dr. Anita T Anokar                  Assistant Professor
4. Dr. Sayali Vilas Bhambar            Senior Resident
5. Dr. Sachin Kashinath Pansare        Senior Resident

Teaching Activities

Post Graduates-

- Lung Society Meeting – Monthly 1st Wed on last day.
- Case Presentation/Bedside Clinic- Once a week.
- Theory Seminar-Once a week.
- Inter-departmental programs with Medicine & Radiology departments being held.
- 6 Monthly PG assessment.
- College & Departmental library well stocked with latest books & Journals.

Undergraduates

- 4th Semester – 22 Theory lectures on Thursday 8.30am.
- 7th Semester – Clinical Posting – 2 weeks with test on last day.
- 8th Semester – 15 Theory lectures on Monday 2 pm
Research Work - Publications

1) Foreign Body Aspiration and its removal using Fiber optic Bronchoscope
C.Simon, RB Deoskar, MD Bargaje, SP Rai Lung India 30 (Supplement-1), S-57. 2013.

2) A Study of etiological and clinical profile of community acquired pneumonia in a tertiary care hospital in western India.

3) Cost of therapy incurring for tuberculosis patients receiving directly observed therapy (DOT)

4) Socio-Demographic characteristics of tuberculosis patients in a tertiary care hospital

5) Evaluation of Pulmonary Function In Rural Women Exposed To Biomass Fuel In Western India

6) Reasons for Non-Adherence in Bronchial Asthma

7) PEFR (Peak Expiratory Flow Rate) - As A Screening Tool in Women Exposed to Biomass Fuel in Rural Maharashtra, India.

9] Pulmonary actinomycosis in a postlobectomy patient-rare sequelae.

9] Clinical Profile of Parapneumonic Effusion and Empyema at a Tertiary Center in Western India- “Changing Behavior of Microorganisms in Superbug Era”.

10] Assessment of Outcome of Training of Paramedical Staff in Nebulization Techniques at a Tertiary care Hospital

Ongoing Research Work – Excluding Thesis
1] “To evaluate a novel diagnostic kit for detecting tuberculosis in patients with pulmonary disorders” This project is a collaboration between the
- Department of Pulmonary Medicine, Bharati Vidhyapeeth’s Medical College, Pune (BVMC Pune)
- Revised National Tuberculosis Control Programe (RNTCP)
- Annweshan SciTech Pvt Ltd (Biotechnology start Up focussing on Healthcare), B 203, Riverine Greens, Pashan-Sus Road, Pune-411021 & the laboratory incubated in “Venture Center, Pune (Lab Bay 6, 300 NIP; 100 NCL Innovation Park, Dr. Homi Bhabha Road, Pune-411008)”

2] “Whole genome sequencing of Mycobacterium tuberculosis in drug resistant AFB culture isolates- Pilot Study”.This project is a collaboration between the
• Department of Pulmonary Medicine, Bharati Vidhyapeeth’s Medical College, Pune (BVMC Pune)
• Revised National Tuberculosis Control Programme (RNTCP)
• *GenePath* Dx (Causeway Healthcare Private Limited), Phadke Hospital, 1260/B, Jangli Maharaj Road, Shivaji Nagar, Pune. (GENEPATH)

3) “Evaluation of antitubercular drug levels in TB patients treated with daily regimens under RNTCP in INDIA.” This project is a collaboration between the
• Department of Pulmonary Medicine, Bharati Vidhyapeeth’s Medical College, Pune (BVMC Pune)
• Revised National Tuberculosis Control Programme (RNTCP)
• Poona College of Pharmacy Bharati Vidyapeeth (Deemed to be) University, Paud Road, Erandawane, Pune-411 038. Maharashtra, India.

**Specialty Clinics**

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Name of the Clinic</th>
<th>Days on which held</th>
<th>Timings</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Respiratory Rehabilitation/COPD</td>
<td>Tuesday</td>
<td>9 am to 4pm</td>
</tr>
<tr>
<td>2</td>
<td>Asthma</td>
<td>Monday</td>
<td>9 am to 4pm</td>
</tr>
<tr>
<td>3</td>
<td>Bronchoscopy</td>
<td>Daily</td>
<td>9 am to 4pm</td>
</tr>
<tr>
<td>4</td>
<td>DOTs</td>
<td>Daily</td>
<td>9 am to 4pm</td>
</tr>
<tr>
<td>5</td>
<td>PFT</td>
<td>Daily</td>
<td>9 am to 4pm</td>
</tr>
</tbody>
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**Outreach activities**

- Free Spirometry camps within and outside the hospital.
- Lectures taken for GPs on topics like Tuberculosis, Asthma, and COPD within the hospital and outside hospital.
- Participating in camps organized by Bharati Hospital.

**DOTS**

- Grant of Rs 20,000 received in 2013 from DTO for Study on Clinical profile and response to anti-tubercular treatment in patients of lymph node TB attending OPD of Bharati Hospital.
• RNTCP training of interns, PG students, Medical officers, Paramedical staffs and Faculty being done.
• World TB Day (24 March every year) – Poster exhibition, Essay competition, Rangoli competition held for Nurses, Nursing students and Medical students. Patient education lectures held in the department.

**Innovative Teaching for UG**
• World Asthma Day Quiz held every year for 8th semester.
• World TB Day – Poster competition for medical students.
• RNTCP orientation programme for interns jointly with community medicine and microbiology departments.

**Faculty Development Programs**
Attending various National /International conferences and workshops.

**PG Development Programs**
Attending various National /International conferences and workshops