

DEPARTMENT OF TUBERCULOSIS & CHEST DISEASES

Faculty:

| Sr. No. | Name of Teacher | Designation |
|---------|---------------------|------------------|
| 1 | Dr S.H.Meshram | Professor & Head |
| 2 | Dr R.M.Lokhande | Asso. Professor |
| 3 | Dr V.V.Pujari | Asst Professor |
| 4 | Dr R.D.Waghmare | Asst Professor |
| 5 | Dr Rakhi Gosavi | Asst Professor |
| 6 | Dr. Sachin Ajgare | S. R |
| 7 | Dr. Swapnil Pathade | S.R |

Unit wise distribution of OPD days

| | UNIT I | UNIT II |
|----------------------------|---|--|
| HEAD OF THE UNIT | Dr S.H. Meshram (PROF) | Dr R.M.LOKHANDE (ASSO PROF) |
| ASSISTANT PROFESSOR | Dr V.V.PUJARI, Dr Rakhi Gosavi Dr. Swapnil Pathade | Dr R.D.WAGHMARE Dr. Sachin Ajgare |
| OPD DAYS | MON, WED, FRI | TUE, THU, SAT |

Services provided

| Sr. No. | Services provided |
|---------|---|
| 1 | Daily Outpatient (OPD No. 27) department for Tuberculosis and Respiratory Diseases in main Sassoon building. |
| 2 | COPD and Asthma OPD on every Thursday from 12:00 noon to 1:00 pm |
| 3 | Indoor patient ward no 27 - Total Beds – 60 |
| 4 | Intensive Respiratory Critical Care Unit. 6 bedded |
| 5 | RNTCP SERVICES (OPD 34 B) |
| 6 | T.B Medical Board – Every Tuesday OPD 34 |
| 7 | Spirometry Monday, Thursday, Saturday OPD 34 with appointment |
| 8 | Bodybox daily with appointment ward 27 |
| 9 | Sleep study daily with appointment ward 27 |
| 10 | CPEX Study daily with appointment ward 27 |
| 11 | Bronchoscopy daily with appointment ward 27 |

Equipments available

| Sr. No. | Name of Instrument | Unit |
|---------|---|------|
| 1 | Polysmnography Machine | 1 |
| 2 | Ventilator | 4 |
| 3 | Cardio Pulmonary exercise testing Machine | 1 |
| 4 | Multipara Monitors | 2 |
| 5 | Fiber Optic Bronchoscope | 1 |
| 6 | E.C. G Machine | 2 |
| 7 | Pulse Oxymeter | 2 |
| 8 | Spirometry Machine | 1 |
| 9 | Body Plethysmography with DLCO | 1 |
| 10 | X- ray Machine | 2` |
| 11 | Syringe pumps | 6 |
| 12 | Defibrillator | 1 |
| 13 | Nebulizers | 4 |
| 14 | Suction Machine | 3 |

Patient turn over

- Average daily OPD – 50 – 60 Patients
- Average daily indoor Admissions 4 to 5

Research

- Dr.T.M.Dhamgaye, Study of Pulmonary Function Tests in Diabetes with COPD or Asthma, Applied Cardiopulmonary pathophysiology 2012;16:299-308
- Dr.T.M.Dhamgaye, Miliary Tuberculosis with bilateral pneumothoraces, Asia pacific journal of Tropical Diseases, Dec 2012 Volume 2;(6):492-494
- Dr. Shraddha Bhagwat, Dr.Pujari Vishwanath, Dr. Rajurkar Sourabh , Dr. Rahul Lokhande;Authored Research Paper” Hospital Admission for tuberculosis in an Indian Metropolitan City” 2014;International Jr. of Science & reasearch”2014:3(8) : page 283-285.
- Dr. Pujari Vishwanath, Dr. Shraddha Bhagwat, Dr. Rajurkar Sourabh , Dr. Bhaskaran Divya;Co-authored case study “A case of Bronchiolo-Alveolar Carcinema presenting as miliavy mottling”2014; Jr. Of Evolution of Medical & Dental Sciences2014:3(32) ; page 8795-8799.
- Dr. Pujari Vishwanath, Dr. Shraddha Bhagwat, Dr. Rajurkar Sourabh
 - Co-authored case report “ A case of Concomitant Adenocarcinoma of Lung & Pulmonary Tuberculosis in a Young Female” 2014;
 - Jr. Of Evolution of Medical & Dental Sciences2014:3(30): page 8328-8332.
- Rupali S. Pawar, subhodhini A. Abhang, Damgaye T. M. and Rahul Lokhande; Study of oxidative / nitrosative stress, non-enzymatic antioxidants and markers of airflow obstruction (fev1 % predicted) in chronic obstructive pulmonary disease (copd) patients; int. J. Bioassays, 2014, 3 (06), 3092-3100.
- Vishwanath Pujari, Nagsen Ramraje; Diagnostic Yield of Conventional Fiberoptic Bronchoscopy in a Resource Limited Setting; Journal of Medical Science & Clinical Research,2014, 2(09); 2437-2443.
- Sonal P. Karpe, Gurudas S. Pundpal, Priti L. Meshram; Endoscopic Presentation of Bronchogenic Carcinoma at a Tertiary Care Centre;Journal of Medical Science & Clinical Research,2014, 2(07); 1709-1718.

On going research projects

1) Efficacy and safety of 52 weeks treatment with QGE031 S.C in asthma patients not adequately by medium or high-dose ICS plus LABA with or without OCS

PI - Dr. S. H. Meshram co-investigator- Dr. R. D. Waghmare

2) To study unfavorable outcomes for multidrug resistance in DOTS plus, Pune

PI Dr R.M Lokhande, Co Investigator- Dr Ajay Chandanwale, Dr S.H. Meshram

3) EMBARC India (Indian Bronchiectasis Registry)

PI Dr S.H. Meshram, Co Investigator Dr V.V. Pujari

4) APRISE Study (Antibiotic prescribing pattern in ICU for respiratory infections)

PI- Dr S.H. Meshram, Co Investigator- Dr Aditi Joshi

5) ACIRA study (Asthma COPD differentiation questionnaire)

PI-Dr S.H. Meshram, Co investigator- Dr Shrikant Bhisare

Achievment

- 1) Dr. S.H. Meshram Fellowship in sleep Medicine JHU (USA)
- 2) DrR.M. Lokhande- Workshop in Basic Biostat (JHU, USA)

Guest Lectures

- 1)Dr. V.V. Pujari at sancheti college of physiotherapy (12) and symbiosis college of nursing (25)
- 2)Dr. V.V. Pujari (1) & Dr. R.D. Waghmare (1) at symbiosis college of nursing on world T B day 2015
- 3) Lectures at Nursing college of Sassoon Hospital by each faculty Member (5)
- 4) DR. R.M. Lokhande on chest X-ray at JHU BJGMC Pune

