



### Goals

The broad goal of the teaching of undergraduate students is to have the knowledge, skills and behavioral attributes to function effectively as a physician.

### Objectives

#### Knowledge :

(Cognitive and Psychomotor Domain)

At the end of the course, the student shall be able to :

- (1) Diagnose & treat common respiratory disorders with special reference to infectious diseases, chronic lung diseases and lung malignancies.
- (2) Outline various modes of management including drug therapeutics especially dosage, side effects, toxicity, interactions, indications and contra-indications & related investigations.
- (3) Provide first level management of acute emergencies in respiratory medicine

#### Skills :

To demonstrate pulmonary function testing and Arterial Blood gas analysis in critical care settings.

#### Attitude :

**PROFESSIONALISM** (*Affective Domain*)

To develop the attitude in students to apply the knowledge & skills for benefit and welfare of the patients.

## TB & Respiratory OPD

Tuberculosis (TB) is a disease caused by bacteria that are spread from person to person through the air. TB usually affects the lungs, but it can also affect other parts of the body, such as the brain, the kidneys, or the spine. In most cases, TB is treatable and curable; however, people with TB can die if they do not get proper treatment. Sometimes drug-resistant TB occurs when bacteria become resistant to the drugs used to treat TB. This means that the drug can no longer kill the TB bacteria. Drug-resistant TB (DR TB) is spread the same way that drug-susceptible TB is spread. TB is spread through the air from one person to another. The TB bacteria are put into the air when a person with TB disease of the lungs or throat coughs, sneezes, speaks, or sings. People nearby may breathe in these bacteria and become infected.



## TB & Respiratory Ward



## Student Support Progress

- UG seminar,
- Workshop,
- CMEs,
- Camps

## Students Evaluation

Our institute follows continuous-Internal assessment

- The theory evaluation is done in the theory paper of the mother branch i.e. is MEDICINE in the form of short notes on Respiratory Medicine diseases/ conditions.
- There are 3 clinical postings of 15 days during 4 th,6 th & 7 th semester.
- Term ending examinations of 25 marks each of “ theory & viva-vokes at the end of clinical postings.
- 50 % passing is compulsory for each head.
- Theory lectures are during 6 th & 7 th semester , including 20 didactic lectures, 5 hrs. of SDL & 5 hours of tutorials, comprising of 30 hours.

## Teaching Learning Methods

- During the seminars, tutorials & clinical posting the emphasis was given on, level of competency Achieved (And Number Performed) i.e. Observed , Performed under supervision & Performed independently.
- Didactic lectures, seminars, tutorials, Bed –side clinical discussion, Small group teaching , Roll-play & DOAP session.





## Best Practices: Tb & Chest

- We are the first and the only DR-TB centre in Ratnagiri district.
- We also manage patients with adverse drug reactions to various first and second line anti-TB drugs on OPD/IPD basis as per the NTEP protocols.
- We treat patients with variety of respiratory diseases like COPD, ILD, Bronchiectasis, pneumothorax, pleural effusions, acute respiratory failure etc. in lower/ free cost (through MPJAY scheme).
- Our ICU ward is well equipped to manage various respiratory emergencies like ARDS, pulmonary embolism etc.
- We also have a good physiotherapy team which helps us in managing chronic lung disease patients in OPD/wards and ICU.
- We have a very friendly environment for our undergraduate students which helps them in learning both in class as well as during bedside teaching.
- We also conduct regular seminars on various topics in respiratory medicine for post graduate students in department of General Medicine.
- We conduct Tuberculosis CMEs in collaboration with District hospital, Ratnagiri for our students as well as the Medical officers, general practitioners/physicians in our district.



## Number of Books & Journals

<b>Departmental Library</b>		<b>Central Library</b>
Total No. of Books	No. of Titles	Total No. of Books
80	70	149

01	Indian Journal of TB & Chest	Indian	Bimonthly
02	Lung India	Indian	Bimonthly
03	The Journal of Association of Chest Physicians	Indian	Half yearly
04	Indian Journal Of Chest Diseases & Allied Sciences	Indian	Quarterly

## Equipment's Details

Sr. No.	Name of the items	Qty
1	Peak flow meters	4
2	Nebulizers	4
3	Intercostal Drainage Facility	4
4	Pleural Biopsy Needles	2
5	Pulse Oximeter	6
6	Fiber optic Bronchoscope	1
7	Rigid Bronchoscope	1
8	Pulmonary function Test machine with facility for spirometer, lung volume and diffusion capacity	1
9	BP Instrument (Mercury based instruments to be replaced with suitable alternatives)	4
10	Weighing Scale	2
11	Non Invasive Mechanical Ventilator	6
12	Height Scale	2

**Nebulization Machine**



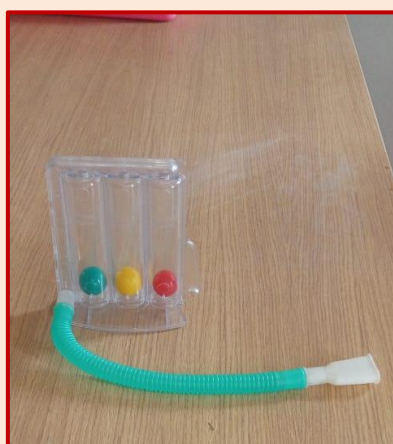
**Pulse Oximeter**



**PFT Machine**



**Spirometer**



**BP Apparatus & Stethoscope**





# **B. K. L. Walawalkar Rural Medical College & Hospital**

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## **Department of Respiratory Medicine SPECIALITY CLINICS**

<b>DAYS</b>	<b>SPECIALITY CLINICS</b>	<b>TIME</b>
<b>TUESDAY</b>	<b>RESP. REHABILITATION</b>	<b>10:00am to 12:00pm</b>
<b>WEDNESDAY</b>	<b>BRONCHOSCOPY</b>	<b>10:00am to 12:00pm</b>
<b>THURSDAY</b>	<b>ANY OTHER</b>	<b>10:00am to 12:00pm</b>
<b>SATURDAY</b>	<b>ASTHMA</b>	<b>10:00am to 12:00pm</b>