

CURRICULAM VITAE

PERSONAL DETAILS

Name : Dr. Koushik Muthu Raja Mathivanan
Date of birth : 10.07.1985
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❖ EDUCATIONAL QUALIFICATIONS

1. *M.D Pulmonary Medicine and Tuberculosis : 2010 -2013*
Sri Ramachandra Medical College & Research Institute
Sri Ramachandra Institute of Higher Education & Research
CHENNAI , TAMILNADU, INDIA

2. *M.B.B.S : 2003 - 2008*
Sri Ramachandra Medical College
Sri Ramachandra Institute of Higher Education & Research
CHENNAI , TAMILNADU, INDIA

❖ CURRENT POSITION

PROFESSOR	Department of Respiratory Medicine Sri Ramachandra Medical College Chennai, INDIA	February 1 st 2022 – till date
ASSISTANT MEDICAL DIRECTOR	Sri Ramachandra Medical Centre Chennai, INDIA	April 2017- till date
CONSULTANT PULMONOLOGIST	Sri Ramachandra Medical Centre	June 2019- till date
CO ORDINATOR – SLEEP CLINIC	Sri Ramachandra Medical Centre	June 2013- till date
CLINICAL LEAD- INTERVENTIONAL PULMONOLOGY CENTRE	Sri Ramachandra Medical Centre	June 2019-till date
SECRETARY – MEDICAL CENTRE DEVELOPMENT COMMITTEE	Sri Ramachandra Medical Centre	Jan 2019 – till date
SECRETARY - CLINICAL NEWS LETTER	Sri Ramachandra Medical Centre	Dec 2018-till date

COMMITTEE		
SECRETARY – ALUMNI ASSOCIATION	Sri Ramachandra Institute Of Higher Education & Research Chennai, INDIA	June 2016 – till date
MEMBER, MEDICAL STAFF EXECUTIVE COMMITTEE	Sri Ramachandra Medical Centre	May 2018- till date
MEMBER, MEDICAL STAFF CREDENTIAL COMMITTEE	Sri Ramachandra Medical Centre	May- 2018- till date
MEMBER-UNIVERSITY DEVELOPMENT COMMITTEE	Sri Ramachandra Institute Of Higher Education & Research	Nov 2017- till date
MEMBER – ACADEMIC COUNCIL COMMITTEE	Sri Ramachandra Institute Of Higher Education & Research	Nov 2017 – till date

❖ ACADEMIC APPOINTMENTS

Senior resident - Department of Respiratory Medicine (June 2013 - January 2014)

Assistant professor - Department of Respiratory Medicine (January 2014 - May 2017)

Registrar - Department of Respiratory Medicine (January 2014- till date)

Associate Professor - Department of Respiratory Medicine (July 2018 - till date)

Department of Respiratory Medicine

Sri Ramachandra Medical College & Research Institute

Sri Ramachandra Institute of Higher Education & Research, Porur, Chennai – 600116

❖ INTERVENTIONAL PULMONOLOGY WORK

1. PERFORMED ALMOST 400 BRONCHOSCOPIC PROCEDURES
2. PERFORMED AROUND 100 THORACOSCOPIC PROCEDURES
3. PERFORMED AROUND 20 RIGID THORACOSCOPIC PROCEDURES
4. PERFORMED AROUND 50 EBUS PROCEDURES
5. PERFORMED AROUND 10 RIGID BRONCHOSCOPIC PROCEDURES
6. PERFORMED AROUND 10 IPC
7. PERFORMED AROUND 100 PIG TAIL DRAINAGE

❖ FACULTY PRESENTATIONS IN CONFERENCES AND CME

1. Polysomnography – Ramachandra Rapid Review in Respiratory Medicine 2015
(14th February) at SRMC & RI
2. Rheumatology & Lung – Ramachandra Rapid Review in Respiratory Medicine 2018
(17th February) at SRMC & RI
3. Role of EBUS in Lung CA staging – Ramachandra Rapid Review in Respiratory
Medicine 2020 (15th February) at SRMC & RI, SRIHER
4. Overview Of OSA-Clinical Evaluation And Management Strategies- Chennai

❖ FACULTY PRESENTATIONS IN STATE CONFERENCE

1. USG Thorax – TAPPCON (State Conference) 12th & 13th December 2015 at SRMC
& RI
2. Management of pulmonary embolism – TAPPCON (state conference) – Coimbatore

❖ FACULTY PRESENTATIONS IN NATIONAL CONFERENCES

1. Smoking related lung diseases – 2015 NAPCON – JAIPUR
2. Orientation to Ebus Imaging – NATCON 2019 – CHENNAI
3. Panelist – Interventional Pulmonology Forum – NAPCON 2019 – KOCHI

❖ WORKSHOP CONDUCTED-NATIONAL LEVEL

LIVE CASE DEMONSTRATION OF EBUS TBNA WITH SIMULATION WORKSHOP

SPIROMETRY WORKSHOP- ORGANISED BY INDIAN CHEST SOCIETY – 2015 & 2016

❖ AWARDS

YOUNG SCIENTIST AWARD – NATIONAL COLLEGE OF CHEST PHYSICIANS AT NAPCON 2013.

❖ PUBLICATIONS:

1. Bird Fancier's Lung - A Case Report

Dr. T. Dhanasekar, Dr. Shanmugapriya, Dr. B. Rajagopalan, Dr. Koushik Muthu Raja

JOURNAL OF EVOLUTION OF MEDICAL AND DENTAL SCIENCES 2015

2. A Study on Six Minute Walk Test among chronic obstructive pulmonary disease patients

Dr. T. Dhanasekar, Dr. Irfan Ismail Ayub, Mrs. M. Pavithra, Dr. Sindhura Koganti,

Dr. Koushik Muthu Raja, Dr. Abdul Majeed Arshad, Dr. B. Rajagopalan

*JOURNAL OF EVOLUTION OF MEDICAL AND DENTAL SCIENCES, PISSN- 2278-4748/
VOL. 5/ ISSUES 41 / MAY 23, 2016*

3. Comparison Study Of Cough Suppression During Flexible Bronchoscopy Using Local Anaesthesia In Different Techniques- (10% Lignocaine Spray + 2% Lignocaine As You Go) Versus (4% Lignocaine Nebulisation + 2% Lignocaine As You Go) “

Koushik Muthu Raja, Rajashree, Kasthuri M, Dr. T. Dhanasekar, Dr. B. Rajagopalan

JOURNAL OF EVOLUTION OF MEDICAL AND DENTAL SCIENCES, 2017

4. HRCT thorax findings of influenza A H1N1 pneumonia in a tertiary care hospital in south india

Koushik Muthu Raja Mathivanan¹; Swetha Sasikumar²; Gokulakrishnan Periakaruppan³; Rajagopalan Balakrishnan⁴; Uma Sekar⁵

JOURNAL OF EVIDENCE BASED MEDICINE AND HEALTHCARE, 2017

5. Prevalence and pattern of usage of complementary and alternative medicine among south Indian asthma patients in a tertiary care hospital

S. Sarvesh, M. Koushik Muthu Raja, Muhasaparur Ganesan Rajanandh, Palanichamy Seenivasan.

COMPLEMENTARY THERAPIES IN CLINICAL PRACTICE, ELSEVIER, 2017

6. The Role of PFT and FeNO in Bronchial Asthma Patients: A Cross Sectional Study

Preethi¹, Koushik Muthu Raja Mathivanan^{1*}, Deepak Kanna²,
Dhanasekar, Rajagopalan¹, FelsyPremila Gnanasekaran³,
Hariprasad¹ and Chandrasekar¹

JOURNAL OF ALCOHOL AND DRUG RESEARCH 2021

7. Prevalence of metabolic syndrome in patients with chronic obstructive pulmonary disease: An observational study in South Indians

N. Priyadharshini a, Raja M. Koushik Muthu b, R.C. Renusha a,
S. Reshma a, Marella Sindhuri Sai a, M.G. Rajanandh a, *

DIABETES & METABOLIC SYNDROME: CLINICAL RESEARCH AND
REVIEWS 2020

*8. PATHOPHYSIOLOGICAL ASSOCIATION OF COVID-19 WITH TYPE I
DIABETES MELLITUS AND ASTHMA IN THE PEDIATRIC POPULATION
AND ITS MANAGEMENT STRATEGY*

Tippaluru Spurthi ¹, Muthuraja Mathivanan Koushik ² and
M. G. Rajanandh ^{*3}

INTERNATIONAL JOURNAL OF PHARMACEUTICAL SCIENCES
AND RESEARCH 2021

9. Clinical usefulness of eosinopenia in differentiating COVID-19

versus other flu like illness in outpatient set-up

*Koushik Muthu Raja M., Anand R., Vinod V.G., Rajagopalan B.,
Chandrasekar C., Dhanasekar T*

*BIOMEDICINE - AN INTERNATIONAL JOURNAL OF BIOMEDICAL
SCIENCES 2021*

**10. EVALUATION OF CARDIOVASCULAR ABNORMALITIES
AMONG COPD PATIENTS**

*Koushik Muthuraja Mathivanan, Rajagopalan Balakrishnan
, Dhanasekar T*

*EUROPEAN JOURNAL OF MOLECULAR AND CLINICAL
MEDICINE 2020*

**11. TRAVELLING WITH ROSE in EBUS-TBNA- EXPERIENCE FROM A TERTIARY CARE HOSPITAL
IN SOUTH INDIA**

*Gramani Arumugam Vasugi¹, **Koushik Muthuraja Mathivanan**², Swaminathan
Rajendiran¹, Sandhya Sundaram¹, Irfan I Ayub²*

JOURNAL OF CYTOLOGY 2021

❖ TRAINING DETAILS

1. Intensive Respiratory Care Module I – 2010 – SRMC

2. Intensive Respiratory Care Module II – 2011 – SRMC

3. Hands on Interventional Pulmonology Workshop – 2013 (Railway Hospital Chennai)

4. Advanced Bronchoscopy And Thoracoscopy Interventions - Napcon 2013 - Chennai (faculty)

5. Advanced Sleep Medicine Workshop - 2014 Bangalore

6. Hands on Rigid Thoracoscopy Training - CLINICAL attachment with Prof. Nasser Yusuf -
Thoracic Surgeon - 2014 August - Kerela

7. Restricted Hands-on training attached in Interventional Pulmonology, 2018 May, Coimbatore at
royal care hospital with Dr.Pattabiraman

8. Workshop On Pulmonary Rehabilitation - Napcon Kochi

❖ TEACHING ACTIVITIES

UNDERGRADUATE

Clinical bedside teaching for 4th & 5th Semester MBBS students for last 6 years

Lectures for for 6th & 7th Semester MBBS students on following topics

- Pleural Effusion
- Tuberculosis
- Clinical Examination in Respiratory System
- Pulmonary Thrombolism
- Suppurative Lung Diseases
- COPD
- PFT
- Lung Tumors
- Bronchogenic Carcinoma

POSTGRADUATE/ RESIDENT TEACHING :

*Bedside teaching , clinical rounds, simulation , procedural training including (thoracentesis, chest drain, Pig tail, IPC, Lung Ultrasound , Bronchoscopy , Thoracoscopy and EBUS training to residents
In Pulmonary Medicine*

LECTURES FOR POSTGRADUATE RESIDENTS

- *Bronchial Thromoplasty*
- *Cryobiopsy*
- *OSA*
- *CAP*
- *Bronchial Asthma*
- *High altitude physiology*
- *Eosinophilic pneumonias*
- *TB meningitis*
- *Bullous lung diseases*

❖ **RESEARCH ACTIVITIES**

CLINICAL INVESTIGATOR : CO INVESTIGATOR :

- **Title : An Adaptive, Seamless Phase 1, Followed by a Phase 2, Randomized, Multicenter Study to Evaluate the Safety, Reactogenicity, and Immunogenicity of the Whole Virion Inactivated SARS-CoV-2 Virus Vaccine, BBV152D Administered Intradermally in Healthy Volunteers.**
- *CLINICAL GUIDE – Pharmaceutical Care for Persistent Asthma Patients : Assessment of Knowledge, Attitude, Practice and quality of life.*

❖ **PROGRAMMES ORGANISED**

1. *Ramachandra Rapid Review in Respiratory Medicine (RRRR) 2015*
2. *Ramachandra Rapid Review in Respiratory Medicine (RRRR) 2016*
3. *Ramachandra Rapid Review in Respiratory Medicine (RRRR) 2017*

4. Ramachandra Rapid Review in Respiratory Medicine (RRRR) 2018
5. Ramachandra Rapid Review in Respiratory Medicine (RRRR) 2019
6. Ramachandra Rapid Review in Respiratory Medicine (RRRR) 2020
7. TAPPCON STATE CONFERENCE OF PULMONARY DISEASES 2015- CHENNAI
8. TAPPCON STATE CONFERENCE ON PULMONARY DISEASES 2016 -CHENNAI
9. Pre-Conference Workshop of NATCON 2019 National Conference
10. INTERNATIONAL CME ON ADVANCES IN INTERVENTIONAL PULMONOLOGY- SRMC
11. CME ON ROLE OF CRYOBIOPSY IN INTERVENTIAL PULMONOLOGY- SRMC

❖ **SOCIAL ACTIVITIES**

Participated In Free Medical Camps Conducted At Rural Areas Of India For 10 Years

❖ **MEDIA ACTIVITIES**

- ARTICLES ON LUNG DISEASES IN NEWS DAILYS-THE HINDU, TIMES OF INDIA
- RADIO TALK SHOWS ON LUNG DISEASES- BIG FM AND RADIO MIRCHI
- TELEVISION INTERVIEWS REGARDIN SMOKING CESSATION – JAYA TV

❖ **EXTRACURRICULAR INTERESTS**

1. SOCCER
2. BASKETBALL
3. CRICKET
4. SINGING

❖ **REFERENCES**

1.Prof.B.RAJAGOPALAN, MD, DTCD, FRCP

HEAD OF CLINICAL SERVICES

SRI RAMACHANDRA MEDICAL CENTRE

CHENNAI, TAMILNADU, INDIA

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CHENNAI
DR.KOUSHIK MUTHU RAJA

02.02.2022