

BMJ



THE AGA KHAN UNIVERSITY



Certificate Course in the
**Management of Respiratory
Disorders**

Flexible learning
12 Modules in text and video
Study 1 hour per week

Written by International experts.
South Asian perspective
through live virtual classes by
Prof Dr. Javaid Ahmed Khan,
expert in Pulmonary Medicine

Certificate of completion by
BMJ and AKU, Karachi

INTRODUCTION TO THE COURSE



BMJ is delighted to launch an e-learning three months Certificate Course in the Management of Respiratory Disorders in partnership with The Aga Khan University Karachi. The course content is evidence based, continually updated and peer reviewed by national and international authors. It will shed light on how to diagnose and manage patients with common respiratory disorders such as cough, pneumonia, asthma, COPD, tuberculosis; including some important respiratory conditions in children such as bronchiolitis, asthma, recurrent chest infections and tuberculosis. It will also cover key clinical features and complications of COVID-19 in primary care. This course is intended for physicians to make better clinical decisions.



INTRODUCTION

About British Medical Journal (BMJ)

BMJ started out over 180 years ago as a medical journal, publishing our first research paper. Now, as a global brand with a worldwide audience, we help medical organisations and clinicians tackle today's most critical healthcare challenges. Today, our expertise extends to medical education, clinical decision support and quality improvement to enhance day to day decision making and healthcare delivery. However, our core objective remains unchanged. We continue to support medical professionals and organisations in improving the delivery of healthcare. We do this by publishing new academic research, providing professional development solutions and creating clinical decision support tools.

About Aga Khan University (AKU)

For over 30 years, The Aga Khan University has built a reputation in Pakistan for excellence in teaching and learning. The mission of AKU is to improve the quality of life in the developing world and beyond, through world-class teaching, research and health-care delivery. With programmes in educational development, medicine, nursing and midwifery, the university aims to inspire young researchers and professionals to become forces of positive change in their communities. The Aga Khan University's Medical College, has a proven track record of providing quality medical education.

The Medical College places great emphasis on the professional, personal and intellectual development of students, so that its graduates become contributory members and leaders of society. The University's Postgraduate Medical Education strives to instil critical thinking and analysis into its graduates to promote evidence-based health care and research abiding by the principles of ethics and professionalism. Each programme is carefully structured to produce skilled healthcare professionals and to facilitate a process of broad professional and personal development. The University educates students for local and global leadership, generates new knowledge to solve problems that affect millions of people, and raises standards and aspirations in the countries in which it works.

About Integrated Human Initiatives (IHI)

Integrated Human Initiatives, a company incorporated in Pakistan. Kupgrade is a Medical Education initiative of IHI, the registered entity. Kupgrade is the first dedicated Medical Education project within the scope in Pakistan. Our mission is "Knowledge Upgrade". We are proud to partner with the BMJ in Pakistan since 2017. This academic relationship helps us to provide the latest medical content to the Pakistani researchers and healthcare professionals in medical universities and healthcare organisations.

WELCOME MESSAGES



**Course Director
London**

Dr. Kieran Walsh

Clinical Director BMJ, UK

Dr Kieran Walsh is Clinical Director at BMJ. He is the clinical lead of the medical education and clinical decision support products at BMJ. He has a vast amount of experience in online medical education, clinical decision support, face to face delivery of medical education, and both summative and formative assessment. He has published over 200 papers in biomedical literature and has written four books: the first and only book on cost effectiveness in medical education; a dictionary of quotations in medical education; a history of medical education in 100 images; and the Oxford Textbook of Medical Education. He is a Fellow of the Higher Education Academy, a Fellow of the Royal College of Physicians of Ireland, a Fellow of the Academy of Medical Educators, and Adjunct Associate Professor at Monash University. In the past he has worked as a hospital doctor specialising in General Internal Medicine and Geriatric Medicine.



**Course Director
Pakistan**

Prof Dr. Javaid Ahmed Khan, FRCP Edinburgh

Professor Section of pulmonary and critical care medicine, The Aga Khan University Hospital, Karachi

His research interests are Pulmonary Medicine, Critical Care Medicine, Clinical Research, Medicine, Chest Medicine, Cardiovascular Diseases, Tuberculosis, Asthma, Pulmonology.

WHAT COURSE DIRECTOR IS SAYING...

Globally, respiratory diseases remain the largest single contributor to the overall burden of disease measured in terms of disability-adjusted life-years (DALYs) loss, and the overall burden has been increasing at an alarming rate. To tackle this problem AKU, Karachi has joined hands with BMJ to train our doctors and physicians so that they can manage the patients confidently in the best possible manner. I am thrilled to be the course director for the course in Pakistan wherein we will deliver the local context through virtual classes.



ABOUT COURSE & CONTENT

Course Objectives

After completing this course you should be able to:

- Feel confident in managing patients with common respiratory disorders such as cough, pneumonia, asthma, COPD, Tuberculosis
- Be able to decide, along with the patient, which treatment options are most suitable for them
- Understand what spirometry involves, and how it is important in diagnosing and managing respiratory disorders
- Recognise and manage some important respiratory conditions in children such as bronchiolitis, asthma, recurrent chest infections and tuberculosis
- Understand when and how to consult remotely and face to face during the COVID-19 pandemic
- Key clinical features and complications of COVID-19 in primary care, and how to manage them
- Appreciate the range of evidence-based treatments & treatment options most suitable for patients

Course Highlights

- 3 months online course designed to suit your busy

calendar with three live virtual class under the guidance of subject matter experts.

- Self assessment after each module and a final assessment at the end of the course
- Course Completion Certificate from BMJ and AKU
- Worldwide acceptance of course as the course modules has been written by international experts and complemented by local subject matter experts
- Provide confidence by enhancing knowledge & clinical outcomes & ultimately improves patient's safety

Course Duration

- 3 month

Eligibility Criteria

- Educational Qualification - Candidates are required to possess MBBS degree
- Provisional MBBS Pass Certificate recognised by the Pakistan Medical Council

CURRICULUM

Module 1	Primary care symptoms: Chronic cough in an adult
Module 2	Clinical pointers: Managing recurrent or persistent cough in children under 5
Special Module	Guideline focus (NICE): Stop smoking interventions
Module 3	Managing acute exacerbations of COPD in primary care
Module 4	Chronic obstructive pulmonary disease: diagnosis and assessment of severity
1st Online interaction (End of Month 1)	Virtual class - 1 1. How to motivate a tobacco user to QUIT? Prof Javaid Ahmed Khan, AKU, Course Director 2. Management of Bronchiectasis, Prof. Muhammad Irfan, AKU
Module 5	Spirometry in practice
Module 6	Managing chronic asthma in adults in primary care
Module 7	Ask an expert: Management of chronic asthma in children in primary care
Module 8	Quick tips: Red flags in asthma
2nd Online interaction (End of Month 2)	Virtual class - 2 1. Interpretation of HRCT, Associate Prof. Wasim Ahmed Memon, AKU 2. Management of Bronchiectasis, Prof. Muhammad Irfan, AKU
Module 9	Guideline focus: bronchiolitis in children (NICE)
Module 10	Community acquired pneumonia: diagnosis and management
Module 11	Tuberculosis: putting NICE guidelines into practice
Module 12	Clinical pointers: COVID-19 in primary care
3rd Online interaction (End of Month 3)	Virtual class - 3 1. Approach to a Patient with Interstitial Lung Disease; Prof. Ali Bin Sarwar Zubairi, AKU 2. TBC, Prof. Javaid Ahmed Khan, AKU, Course Director

Final Online Evaluation

- Multiple choice questions MCQ(s)
- Hosted on BMJ's LMS platform.
- Examination window will be open on a particular period
- Passing percentage of 70%

Certificate of Completion

A joint certification by BMJ & The Aga Khan University Karachi.

Course Fee

PKR 50,000/- Inclusive of taxes.

Account Title : I H I

Account Number: 01-7359232-01

IBAN : PK65SCBL0000001735923201

Account Branch : 047 - Karachi Defence Shahbaz

Bank : Standard Chartered Bank (Pakistan) Limited

For more details please contact

Kupgrade : Ms Sadia Noreen, Email: sadia@kupgrade.com Telephone: 021 3531 5677 Mobile : 03008202951

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Certificate of Completion



THE AGA KHAN UNIVERSITY

This is to certify that

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has successfully completed the

Three Months Certification Course in Management of Respiratory Disorders

Jointly Conducted by BMJ and AKU, Karachi from May 2023 to July 2023

Dr. Kieran Walsh
Course Director UK

Prof Dr. Javaid Ahmed Khan
Course Director Pakistan

BMJ

Head Office

BMA House, Tavistock Square,
London WC1H 9JR, United Kingdom

<http://company.bmj.com/>

For any further information or queries, please write to us at
education.pakistan@bmj.com or visit educationpakistan.bmj.com