

Dedicated Sleep Lab

The Institute features a dedicated sleep lab for monitoring and observing sleep patterns for patients suffering from various kinds of sleep disorders. Equipped with the most advanced instruments and monitoring facilities, this space is exclusively used for polysomnography. Here, we have equipment for measuring functions of the brain, eyes, heart and skeletal muscles through Electroencephalography (EEG), Electrooculography (EOG), Electrocardiography (ECG) and Electromyography (EMG), Thoracoscopy / pleural catheters for pleural diseases, EBUS, etc.

The Institute of Respiratory Medicine is committed to providing superior care right from timely detection and prevention of pulmonary disorders to treatment of all stages of respiratory afflictions to rehabilitation of patients with chronic and obstructive pulmonary and lung conditions.

We have a world-class group of pulmonologists, immunologists and specialists in sleep medicine backed by excellent nursing staff, physical therapists, nutritionists and medical technicians to guide and support our patients through the entire treatment process.

So take the first step towards a healthier you and seek our expert advice.

SERVICES AT A GLANCE:

Bronchoscopy

- Bronchoscopic ultrasound
- Diagnostic bronchoscopy
- Therapeutic bronchoscopy

Airway Dilation

- Airway stent placement
- Balloon dilation

Tumours and Bleeding Lesions

- Argon plasma coagulation
- Cryotherapy

Sleep Medicine

- Polysomnography studies
- Electroencephalography (EEG), Electrooculography (EOG), Electrocardiography (ECG) and Electromyography (EMG)
- Allergen Immunotherapy

ABOUT QRG HEALTH CITY

QRG Health City is a super speciality hospital committed towards providing exemplary medical care by ethical practices and providing world class services to people of Faridabad and beyond. We at QRG Health City are committed to set a benchmark in quality and affordable healthcare for all, provide comfort and safety to patients and support to their families. This 450 bed hospital has top-of-the-line doctors, state-of-the-art patient-friendly facilities and a large fleet of fully equipped ambulances with life-saving equipment and highly trained medical professionals to handle emergencies.

Offering expertise in Cardiology & Cardiothoracic surgery, Neurosciences, Gastroenterology & Hepatobiliary Science, Minimally Invasive Surgery including Bariatric Surgery, Mother & Child Care, Nephrology & Urosciences, Orthopaedics & Spine, Ophthalmology, ENT & Cochlear Implant, Dental Services, Plastic & Cosmetic Surgery, and Advanced Diagnostics & Critical care and more, we make sure everything is taken care of to help people become healthy both during emergencies and for planned treatment.

QRG Health City

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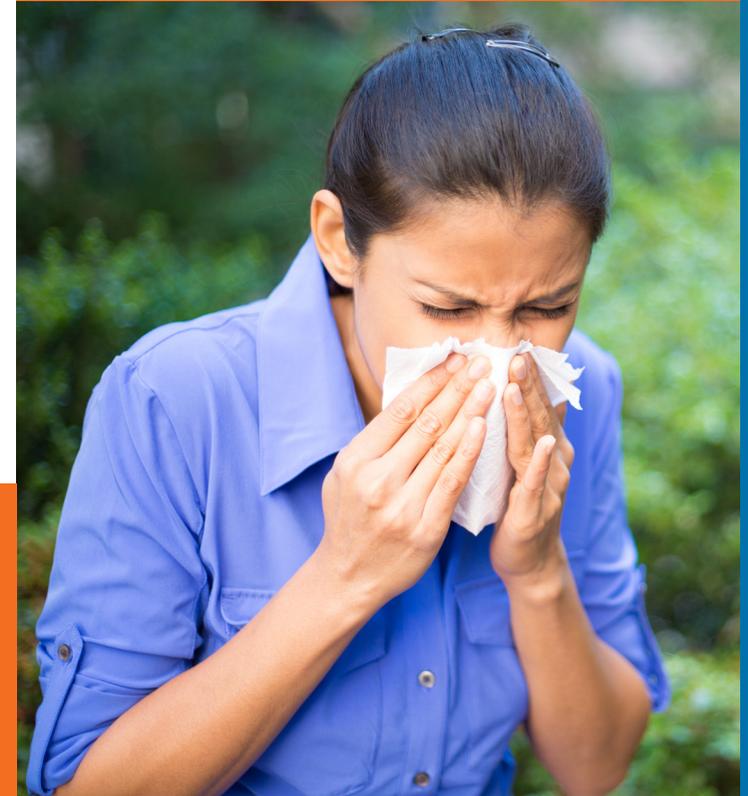
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QRGHealthCity



We Ensure That You Don't Go Breathless.



INSTITUTE OF
RESPIRATORY MEDICINE

www.qrgmedicare.com/healthcity

Institute of Respiratory Medicine at QRG Health City offers expertise in clinical practice and cutting edge technology to handle all types of lung, allergy and breathing-related disorders. Our medical specialists treat a range of chronic and acute infections and disorders affecting the respiratory tract which comprises the nasal passages, sinuses, throat (upper respiratory tract), respiratory airways and lungs.

We are fully equipped to provide diagnosis, treatment and rehabilitation for diseases affecting the respiratory tract occurring due to hereditary factors or exposure to toxins and other infectious agents.

EXCELLENCE IN RESPIRATORY MEDICINE AT QRG HEALTH CITY:

We bring together skilled pulmonologists, allergists,



immunologists and critical care specialists who have had extensive training and experience with respect to all stages and symptoms of respiratory disease.

These conditions range from asthma, bronchitis, pneumonia, tuberculosis, pneumothorax, pulmonary oedema, breathing problems, sleep apnea to lung cancer to upper respiratory tract infections such as tonsillitis, sinusitis, laryngitis and the common cold. We also have a dedicated Sleep Lab to focus on polysomnography studies and combat sleep disorders.

Aided by state-of-the-art equipment, monitoring facilities and high-end laboratories, our highly qualified medical team provides individualized care, specific to the patient's medical condition and history enabling effective treatment and fast recovery.

Symptoms of pulmonary oedema can include

- Difficulty in breathing and inability to lie down while breathing
- Coughing up blood
- Excessive sweating
- Anxiety
- Pale complexion

Symptoms of Asthma can include

- Difficulty in Breathing especially in the morning and at night
- Dry / productive cough
- Chest tightness
- Anxiety
- Nasal waters / blockage
- Wheezing
- Pale complexion

Symptoms of Lung cancer can include

- Persistent cough, Low grade fever
- Chronic chest infections
- Coughing up blood
- Chest or shoulder pain while breathing or coughing
- Breathlessness and difficulty in swallowing

Symptoms of COPD can include

- Cough, with or without mucus
- Fatigue
- Many respiratory infections
- Shortness of breath (dyspnea) that gets worse with mild activity
- Trouble catching one's breath
- Wheezing

SERVICES AND PROCEDURES

Interventional Pulmonology

With the development of advanced diagnostic and therapeutic procedures, Interventional Pulmonology focuses on using minimally invasive techniques to diagnose and treat airway and lung disorders. Bronchoscopy is carried out to check for inflammations, tumours and abnormalities in the airway, as well as to remove foreign objects in the airway. In the case of narrowing of the airway, dilation can be carried out through airway stent placement and balloon dilation. Cryotherapy and argon plasma coagulation offers two options to destroy tissue or control bleeding from lesions.

Non Invasive Ventilation

The purpose of ventilation is supporting the respiration. This can be achieved invasively by a ventilator connected to an endotracheal tube, going to the central airways from the mouth. Or this can be achieved non-invasively with positive pressure devices like the BiPAP, which are machines with motors generating airflow at high pressure delivered to the patients

through a face mask. This is very useful for patients who are sufficiently initiating their breathing and need support. It can be very useful for certain patients for symptomatic relief and even avoiding a ventilator.

Pulmonary Function Testing (PFTs)

Pulmonary function tests are a group of tests that assess the functional status of the lungs and give us information about the likely cause of breathlessness. It measures how well we can inhale and exhale air and how well the gases such as oxygen move from the atmosphere into the body's circulation. PFT's are performed by our trained technicians in the PFT lab.

Sleep Disorders

We have a dedicated sleep lab that specializes in studying and treating sleep disorders such as insomnia, sleep apnea, narcolepsy, etc. Our medical practitioners observe sleep patterns and conduct polysomnography studies for this purpose. As a diagnostic procedure in sleep medicine, we comprehensively monitor biophysiological changes that occur while a patient is asleep. This includes recording the functions of the brain, eye movements, muscle activity and heart rhythm.

Pulmonary Rehabilitation

This is an important component for patients with chronic respiratory diseases e.g. Asthma, COPD, Interstitial Lung diseases and patients who are discharged from ICU with respiratory problems. These patients, despite maximal medical therapy, complain of bothering symptoms and unable to live with good quality of life. For this a comprehensive pulmonary rehabilitation package is available. This package involves consultation with respiratory physician, lung function tests and 6 week physiotherapy schedule.

Technology & Infrastructure

QRG Health City believes in using leading edge technology and instrumentation for investigation and diagnosis as well as surgical procedures enabling maximum precision, effective treatment and faster recovery. We use state-of-the-art bronchoscopes for enhanced examination of the respiratory tract. Our respiratory ICU, equipped with advanced ventilators and other equipment, provides round the clock monitoring and treatment of critical patients with respiratory failure.

Bronchoscopy Units

We have two dedicated bronchoscopy units for performing diagnostic and therapeutic bronchoscopy. Patients can be assured of a well equipped care ecosystem for all types of palliative or curative treatments for respiratory disorders. We employ strict standards of infection control in our bronchoscopy suite providing an exclusive and sterilized environment for patients to recover faster.