



## B.K.L. WALAWALKAR HOSPITAL, DIAGNOSTIC & RESEARCH CENTRE

### A holistic approach towards COVID-19 pandemic



B.K.L.Walawalkar Hospital has always been on the forefront in providing healthcare to rural areas of Konkan since last two decades. As the COVID-19 pandemic has now started hitting rural areas, the hospital is striving to provide holistic COVID-19 care under one roof. In spite of the challenges rural areas normally face in making health care facilities available and accessible to villagers, the hospital has opened a 100 bed Covid-19 facility with round the clock vigilance and service by medical fraternity. This hospital will cater to the entire Konkan belt i.e. Ratnagiri, Sindhudurg and Raigad districts.

#### ***Patient Centric approach***

Our focus has been to manage the situation holistically by understanding how the pandemic is possibly going to affect COVID-19 patients, non-COVID-19 patients as well as the doctors and staff.

Out of the 100 beds dedicated to COVID-19 treatment, 25 beds are provided in ICCU and 25 beds in ICU. The remaining 50 beds are for treating moderately infected patients with facility for central oxygen supply. The Centre offers 24/7 medical supervision, including availability of doctors and nurses on premises, a comprehensive COVID-19 care plan, and daily visit by a Senior Consultant – Internal Medicine, Pulmonologist, Physiotherapist and Psychologist.



*Facilities at Covid-19 Hospital*

**ICCU is well equipped with ventilators (invasive and non-invasive modes) and well trained staff and doctors**



**All beds have central oxygen and suction and monitoring facility**



**Pulmonologist and physicians are available 24/7 for patient care**



**Clinical psychologist and physiotherapist are available round the clock to support patients**



### ***COVID-19 Safe OPDs & IPD Areas***

In an attempt to make our OPDs COVID-19 safe, all patients and visitors are screened at entrance of the hospital for COVID-19. Strict protocols to maintain social distancing are followed in all areas. We have a dedicated OPD to screen and triage patients with symptoms of flu, cold, breathlessness, low oxygen saturation etc, so that they could be directed for proper treatment. We have safe COVID-19 testing facilities available in our NABL accredited & ICMR approved Virology Lab. Strict protocols have been implemented for segregation and isolation for COVID-19 suspected/ COVID-19 positive patients and separate, dedicated IPD areas have been assigned to our non-COVID-19 patients, surgical as well delivery patients. We maintain highest standards of hygiene & conduct extensive disinfection after every discharge. Structural and fire audits are up to date. Arrangements for food are made available for the patients.

### ***Maximum Precautions, Minimum Risk***

We have divided the areas into hold-up areas, suspected areas, and positive areas, each having its own staff, instruments, and equipment. Intensive training sessions have been conducted for medical as well as non-medical staff and standard protocols are being followed. While planning seamless services to non Covid-19 patients, we have segregated the areas for delivery and surgery. Even relatives of patients are screened for Covid-19 antigen, before they are permitted to enter the indoor hospital. Patients are counseled for voluntary COVID-19 testing before they undergo surgery.

### ***Patient Centric approach***

While we focus on COVID-19 care, in order to maintain continuity of care for other ailments, which is equally important, the patients with heart, liver, cancer, dialysis, brain, and spine problems can consult super-specialists, if required. Looking at the needs of our patients, we have also initiated consultations for mild and asymptomatic COVID patients, so that they can continue treatment at home. The treatment packages, designed as per Ministry of Health & Family Welfare Guidelines, will help to ultimately win the COVID battle.

### ***Pharmacy facility:***

Drugs and other equipments that are required on a large scale for management of COVID-19 cases are available 24/7 in Pharmacy. Medicines like Remdesivir and Tocilizumab are made available using Government guidelines.



### ***Vaccination center:***

Hospital has a vaccination center where vaccines procured from the Government were distributed to almost 1000 beneficiaries.



**Hospital has its own NABL accredited Virology and Molecular biology laboratory.**

### **RT-PCR Lab (Virology Research & Diagnostic Laboratory – VRDL)**



By knowing the viral load through the RT-PCR test, the treatment of this deadly disease is made easier. The laboratory is a boon to the entire district and a benchmark in diagnostics for molecular and virology lab.

The laboratory has been established as per ICMR guidelines and accredited by National Accreditation Board for Testing & Calibration Laboratories (NABL), a Constituent Board of Quality Council of India

The laboratory is well equipped with advanced equipment with cutting-edge technology such as Real Time PCR machine; Bio-safety cabinets class IIA2, -80°C deep freezer, -20°C deep freezer, Cold centrifuge etc. Roche Company's RT PCR Machine 'The Light Cycler® 96' is a fully automated DNA extraction machine. Results are specific, generated automatically as graphs are analyzed and results are interpreted automatically and with no false positivity in it. Contact **93564 27731** for details.

#### ***CT SCAN OF CHEST (HRCT CHEST)***

HRCT of the chest is a high resolution computed tomography scan of the chest. Chest CT scan uses narrow beams **x-ray** which is used for high-resolution images of lungs. The HRCT scan creates a detailed image of lungs and airflow through the lungs.

The airflow patterns are used to detect the conditions of the lungs of patients. These images show cross-sections of heart and lungs. HRCT scans are analyzed for density of opacification and distribution of disease in Covid-19 cases.

Lungs parenchyma changes related to COVID-19 can be seen on chest CT scan despite negative RT-PCR results. Generally, in COVID-19 patients, the severity score is given.