The Exceptional Situation caused by the Covid-19 pandemic is affecting healthcare systems around the globe. Its complexity and unpredictability are unsettling authorities as well as hospital managers and medical staff. With ZEQ CHCC we are providing an instrument that can give you an orientation while preparing for the coming weeks and for generally dealing with this extraordinary situation.

The Mission
As the leading healthcare consultancy in Germany with 20 years of experience from more than 1,000 projects, we are committed to the healthcare sector. The great speed and dynamics with which the virus is hitting health care systems and hospitals around the globe has not let us rest. We want to support hospitals, planning authorities and crisis management teams to make the right decisions based on facts and data in order to steer and use the available capacities target-oriented - so that the majority of patients can be treated appropriately in the end.

This is why we have developed the ZEQ Covid-19 Hospital Capacity Calculator and are making it available to all organizations and stakeholders involved in the management of the crisis.

The Solution
The calculator gives a forecast for the development of cases in the next 15 weeks on the basis of daily confirmed infections. The predicted figures are converted into structural requirements of the health care system according to publicly available information. Defined reference figures serve to calculate the number of beds for the treatment of Covid-19 patients in normal and intensive care units, the amount of protective masks needed, the capacity for invasive ventilation, and for the required staff for an adequate treatment and care of Covid-19 patients.

The ZEQ CHCC helps you to answer these questions:
• How many Covid-19 cases can we expect in the coming weeks?
• What capacities (beds, ICU-beds) do we need to provide?
• How many ventilation places should be reserved for treatment?
• What number of protective masks will be needed for care teams?
• How many doctors and nurses will we need per day for these patients?