SEHA Virtual Hospital
Our Future is Today
# Contents

<table>
<thead>
<tr>
<th>Subject</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>What is Seha Virtual Hospital</td>
<td>3</td>
</tr>
<tr>
<td>The Objective of Seha Virtual Hospital</td>
<td>5</td>
</tr>
<tr>
<td>Hospital Contribution to Health Services</td>
<td>6</td>
</tr>
<tr>
<td>Specialized Services at Seha Virtual Hospital</td>
<td>7</td>
</tr>
<tr>
<td>Hospital Services</td>
<td>8</td>
</tr>
<tr>
<td>Multidisciplinary Committees</td>
<td>9</td>
</tr>
<tr>
<td>Home Care Services</td>
<td>10</td>
</tr>
<tr>
<td>Virtual Specialized Clinics</td>
<td>11</td>
</tr>
<tr>
<td>Techniques Used in Seha Virtual Hospital</td>
<td>12</td>
</tr>
<tr>
<td>Hospitals Associated with Seha Virtual Hospital</td>
<td>16</td>
</tr>
</tbody>
</table>
A hospital that provides its telehealth services by empowering the best health consultants and practitioners in micro and rare specialties using the latest medical technologies to provide the highest level of medical services to beneficiaries in all cities and governorates of the Kingdom. It supports **130** hospitals around the Kingdom and offers more than **30** specialized services, where the number of beneficiaries so far has reached **58550**, and its capacity during the year reaches **400+** thousand beneficiaries.
The hospital is one of the priority initiatives in the health sector transformation program that serves the vision and promotes the culture of virtual medicine in health authorities and provides the best virtual health services at the national and global levels.
The hospital aims to:

- Enhance virtual health care
- Achieve innovation in the health sector
- Develop resources and achieve sustainability
- Achieve institutional excellence
SEHA Virtual Hospital contributes to:

- Facilitate access to specialized health services promptly for all regions of the Kingdom
- Enable digital transformation by supporting innovation and using modern technologies
- Enable digital transformation by supporting innovation and using modern technologies
- Contribute to the transfer of knowledge and the exchange of experiences to increase the quality and efficiency of health services
Specialized services at SEHA Virtual Hospital

Emergency and Critical Consultations
Specialized Clinics
Multidisciplinary Committees
Supportive Medical Services
Home Care Services
Hospital Services

**Emergency and Critical Consultations**
- Virtual strokes
- Virtual daily critical care tours

**Supportive Medical Services**
- virtual rays
- virtual pathology
- Virtual pharmacy services

**Specialized Clinics**
- Blood diseases
- Psychiatry
- Kidney disease
- Endocrinology and diabetes
- Genetic and metabolic diseases
- Geriatric diseases
- Medical rehabilitation
- Heart disease

**Home Care Services**
- Home hospital
- Virtual monitoring of heart failure patients

**Multidisciplinary Committees**
- Virtual heart team
- Virtual diabetes team
- Virtual psychology
Virtual Multidisciplinary Committees

Consultants and experts from multiple different subspecialties meet to review cases transferred from various health facilities and need a specialized advisory opinion to provide recommendations with access to the patient’s details and form an immediate medical opinion regarding him.
Home Care Services

Follow up on patients’ vital signs from home and record them on an electronic platform at Seha Virtual Hospital to be followed up by a specialized medical team.

Provide a daily tour for patients from the virtual specialist consultant.

Provide advanced monitoring service for heart failure patients from home by following up their vital signs with innovative technologies to be displayed on an electronic platform in Seha Virtual Hospital and followed up by a medical team led by a specialized consultant around-the-clock.
Providing an appointment in the specialized virtual clinic to provide service to patients for whom the appointment has been coordinated from other health facilities through various programs such as Virtual Shared Clinics Program and Virtual Cases Program.
Techniques Used in Seha Virtual Hospital
Artificial intelligence contributes to giving priority to examinations that require urgent medical intervention through the use of medical imaging algorithms that are conducted on cases such as strokes in CT scans and chest x-rays; Which raises the quality of the doctor’s work for the case and makes the accuracy of diagnosing the target diseases up to 95%.
Augmented reality accompanied by direct transmission of surgeries aims to advise the surgeon during surgery and transfer knowledge and experience among doctors in complex surgeries through an electronic platform that enables consultants to guide surgeons to take the appropriate medical procedure. This technology increased the quality of services provided and reduced the proportion of medical referrals between regions.
Remote patient monitoring service using Internet of Things technology that relies on electronic devices used by the patient to follow vital signs and send immediate alerts to the medical staff in the event of any negative readings with the aim of urgent intervention to avoid any complications and provide the necessary care promptly.
Hospitals Associated with Seha Virtual Hospital

130 Hospitals