## COVID-19 – Highlights of Excellence

<table>
<thead>
<tr>
<th>1st</th>
<th>Health care system in San Diego to care for COVID-19 patients</th>
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</thead>
<tbody>
<tr>
<td>1st</td>
<td>In San Diego, to develop in-house COVID-19 testing at CALM¹</td>
</tr>
<tr>
<td>1 of only 3</td>
<td>Centers in San Diego to participate in nation’s first Phase III COVID-19 vaccine trial (Moderna)</td>
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<tr>
<td>9</td>
<td>Clinical trials of COVID-19 interventions</td>
</tr>
<tr>
<td>2</td>
<td>Phase III COVID-19 vaccine trials to launch soon</td>
</tr>
</tbody>
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1. Center for Advanced Laboratory Medicine
COVID-19 Testing

- **1st In-house testing** in region, developed by UC San Diego CALM¹
- **5 Industry partners**
  Thermo Fisher Scientific, Roche Diagnostics, GenMark Diagnostics, Luminex Corp. and Abbott Diagnostics
- **90,000+ In-house tests** completed since March

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### COVID-19 TESTING CAPACITY
1,900 Tests Per Day

<table>
<thead>
<tr>
<th>Type of Test</th>
<th># per Day</th>
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<tbody>
<tr>
<td>PCR diagnostic</td>
<td>1,000</td>
</tr>
<tr>
<td>Serology (antibody)</td>
<td>800</td>
</tr>
<tr>
<td>Rapid PCR</td>
<td>100</td>
</tr>
</tbody>
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¹. Center for Advanced Laboratory Medicine
Safety is our top priority

Diagnostic PCR and antibody testing limited to UC San Diego Health:

- Frontline caregivers and staff — more than 11,000 tested
- Symptomatic patients
- All patients prior to surgery
COVID-19 – Testing

Contracted services may include:

• On-site employee and patient testing

• Access to UC San Diego Health drive-up testing sites

• Infection prevention education

• Facility assessment

DIAGNOSTIC TESTING
External Contracts – Ongoing and Completed

- El Centro Regional Medical Center
- Five senior nursing facilities experiencing outbreaks, four in partnership with San Diego County
- Father Joe’s Villages, serving homeless
- Surgical Care Affiliates, multiple locations
- North Coast Surgery Center, Grossmont Surgery Center and 7 other local surgery centers
### COVID-19 – Clinical Trials

**UC San Diego Health** leads region’s efforts to prevent COVID-19 and improve outcomes for people with COVID-19

<table>
<thead>
<tr>
<th>Clinical Trial in Progress</th>
<th>Phase</th>
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<tbody>
<tr>
<td>Moderna mRNA SARS-CoV2 vaccine</td>
<td>Phase 3</td>
</tr>
<tr>
<td>AstraZeneca adenovirus vector SARS-CoV2 vaccine (to start in Sept.)</td>
<td>Phase 3</td>
</tr>
<tr>
<td>Janssen adenovirus vector SARS-CoV2 vaccine (to start in Sept.)</td>
<td>Phase 3</td>
</tr>
<tr>
<td>Convalescent plasma to boost natural immune response</td>
<td>Phase 2</td>
</tr>
<tr>
<td>Ramipril, an ACE inhibitor, to prevent ICU admissions</td>
<td>Phase 2</td>
</tr>
<tr>
<td>Safety and Pharmacodynamics of Intravenous LY3819253 in Hospitalized COVID-19 Participants</td>
<td>Phase 1</td>
</tr>
<tr>
<td>Incidence and Outcomes of Patients With COVID-19 and Kidney Disease</td>
<td>N/A</td>
</tr>
<tr>
<td>Respiratory Virus Hospitalization : A Study on Influenza and COVID-19</td>
<td>N/A</td>
</tr>
<tr>
<td>NCI COVID-19 in Cancer Patients, NCCAPS Study</td>
<td>N/A</td>
</tr>
</tbody>
</table>
COVID-19 – “Operation Warp Speed” Vaccine Development

UC San Diego Health will be the region’s only medical center with 3 Phase III COVID-19 vaccine trials.

Vaccines generate antibodies to the spike protein to protect against infection.

COVID-19 Vaccine Trials

- Moderna (underway)
- AstraZeneca (pending)
- Janssen (pending)
Help find a vaccine. Join a COVID-19 vaccine clinical trial.

If you would like to enroll in an ongoing or upcoming vaccine trial, the 1st step is to complete a volunteer screening registry at: www.covidvaccinesd.com.

If you have questions and would like to speak to a study coordinator, you can:
• Email: info@covidvaccinesd.com
• Call: 619-742-0433
UC San Diego Health created a mobile ECMO unit to help the critically ill

Lifesaving care delivered to 7 hospitals in San Diego and Imperial counties

ECMO is mechanical heart and lung support, an advanced technology unavailable at small hospitals
COVID-19 – EL Centro Regional Medical Center (ECRMC)

Through UC San Diego Health’s affiliation with El Centro Regional Medical Center, our care teams are helping patients in Imperial County, with:

• On-site and telemedicine-based critical care

• Transfers of critically ill patients to our hospitals, including via mobile ECMO services

• Protocols for safely screening and admitting patients

• Ongoing staffing and management of the ECRMC emergency department
COVID-19 – Humanitarian Crisis in Mexico

Medical Mission to Tijuana General Hospital

- Critical care doctors, nurses and respiratory therapists volunteered with Aliados por Salud
- Four weeks of on-site ICU care support
- Ongoing return visits and twice weekly tele-ICU support
- Volunteer effort expanded to Mexicali General Hospital
COVID-19
Humanitarian Crisis in Mexico

Protective equipment to Consulate General de Mexico

- N95 respirators, ear-loop masks, face shields, goggles and gloves collected

- Equipment distributed to Tijuana and Mexicali hospitals by ISESALUD

OASIS living map and crowdsourced platform

- Share recent travel history, COVID symptoms and potential contacts

- Empower everyone to stay safe
COVID-19

Safety Equipment Donated to the Community

UC San Diego Health redistributed non-medical grade personal protective gear (PPE) to:

• **Alpha Project**, serving the homeless at the convention center

• **Chicano Federation**, helping local families in need

• **10,000+** face masks, face shields, goggles, gloves and more distributed
• $5.8M raised from 1,600+ donors since March
• 28% were UC San Diego Health patients
• Large gifts supporting COVID-related activities from: John and Mary Tu Foundation; Joe Tsai and Clara Wu Tsai; The Conrad Prebys Foundation; Jean and Gary Shekhter, and Dene and Elizabeth Oliver
INFORMATION

health.ucsd.edu/covid
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