



COVID-19
CORONAVIRUS

ICAHN Stroke Initiative

April 2020 Newsletter

UPDATE: NEW COVID-19 Patient Data Registry in the works



AHA develops first COVID 19-focused registry through 'Get With the Guidelines' program

As physicians, scientists and researchers worldwide struggle to understand the coronavirus (COVID-19) pandemic, the American Heart Association is developing a novel registry to aggregate data and aid research on the disease, treatment protocols and risk factors tied to adverse cardiovascular outcomes.

COVID-19 is associated with significant morbidity and mortality, with strong evidence for adverse cardiovascular outcomes. Moreover, patients with existing cardiovascular disease or CVD risk factors may be at higher risk for serious complications from COVID-19, including death.

The Association's new, free COVID-19 CVD registry powered by its Get With The Guidelines® (GWTG) hospital quality improvement program, will be **available to more than 2,400 hospitals currently participating in a GWTG module, starting in May.** In addition, aggregate data will be available to researchers through the

Association's Institute for Precision Cardiovascular Medicine. "Having sufficient data is the first step to understanding the impact of COVID-19 on cardiovascular health," said John Warner, M.D., FAHA, chair of the quality oversight committee and past volunteer president of the AHA and executive vice president for Health System Affairs at the University of Texas Southwestern Health System in Dallas, Texas.

"As a trusted resource for data and research, with an entry point in more than 2,400 U.S. hospitals, the American Heart Association is uniquely positioned to gather data quickly and accurately."

Several studies have reported COVID-19 patients presenting with or developing heart failure, cardiogenic shock, stroke, and lethal arrhythmias secondary to the disease. However, these studies have consistently been limited by the lack of a structured collection of data raising concerns about indication bias for most laboratory testing. Further, several of these studies are

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American Heart Association.

single-center descriptive assessments, limiting their generalizability. In response, the American Heart Association is creating the multi-center registry to collect biomarkers, clinical data, and cardiovascular outcomes in COVID-19 patients. The registry will focus on granular data collection from centers that routinely test biomarkers in COVID-19 patients. To participate in the registry, contact qualityresearch@heart.org.

Get With The Guidelines (GWTG) is a hospital-based quality improvement program from the American Heart Association with tools and resources to increase adherence to the latest research-based guidelines. The premise of the GWTG programs is when medical professionals apply the most up-to-date evidence-based treatment guidelines, patient outcomes improved.



PLEASE JOIN US ON THURSDAY, APRIL 30 from noon to 1 p.m. to discuss perspectives from the critical access and small, rural hospital communities as they deal with this pandemic. See attachment for registration link. **For more information, contact Trudi Colby at tcolby@icahn.org or 815.303.4069**