

KEEPING CARDIOVASCULAR DISEASE FRONT AND CENTER

CARDIOVASCULAR DISEASE REMAINS A LEADING HEALTH CRISIS IN THE U.S.¹



Every

40 seconds

someone in the U.S. has a heart attack which is almost

800,000

heart attacks every year. Of those, 25% are recurrent attacks.²



The prevalence of heart failure is increasing with about

50%

of patients having a life expectancy of less than five years.^{3,4}

THE IMPORTANCE OF CARDIOVASCULAR CARE AMIDST COVID-19.⁴



The COVID-19 pandemic is having a devastating impact on the lives of patients with cardiovascular disease (CVD), including disruptions in care and more serious complications if they are infected by COVID-19.^{5,6,7}



Case studies suggest that COVID-19 may also lead to CV events, such as heart attack, in people with no history of CVD.^{8,9}

POTENTIAL CARDIOVASCULAR COMPLICATIONS & RISKS OF COVID-19



COVID-19 triggers a systemic inflammatory response as well as microvascular damage through systemic increase in thrombosis.¹⁰

23%

of hospitalized patients have experienced serious CV complications.^{11,12}



Those with pre-existing CVD who become ill with COVID-19 have a worse prognosis than those without an underlying disease. This rapid worsening of cardiovascular health is likely due to a combination of the severe viral illness or its increased demands on the heart compounded by low oxygen levels.^{14,15}

8% – 12%

of all COVID-19 patients have experienced acute cardiac injury.^{12,13}

CONTINUITY OF CARE MORE CRITICAL THAN EVER¹⁶

↓ **38%**

drop in STEMI¹⁷ show there's been a **decline** in patients going to the ER for possible heart attacks and strokes.¹⁷

“ It is essential that we work together to ensure cardiovascular disease patients are safely cared for during this pandemic and that we don't allow for a new crisis of undiagnosed, untreated or worsening cardiovascular disease to occur in the aftermath of this pandemic.

– Athena Poppas, MD, FACC, ACC president¹⁹ ”

Cardiologists suspect people are afraid to go to the hospital, reporting in an informal poll

↓ **40% – 60%**

reduction in **hospital admissions** for heart attacks.¹⁸



Leaders from major national organizations dedicated to saving people from heart disease and stroke issued a joint statement to emphasize:

Calling 911 immediately is still your best chance of surviving or saving a life.

It is **SAFE** for **EVERYONE** to call 911. It is **SAFE** for **ANYONE** to go to the hospital.¹⁶

HOW AMGEN IS HELPING TO MEET THE NEEDS OF THE CARDIOVASCULAR COMMUNITY DURING COVID-19



\$1M DONATION TO AHA INCLUDES:



Research to better understand the connection between cardiovascular disease and COVID-19.



Deployment of a COVID-19 CVD Registry powered by Get With The Guidelines to improve our knowledge of how the virus impacts CV health, allowing clinicians to better manage patients for improved health outcomes, and more.



Development of trusted COVID-19 content and resources for patients and caregivers.

HCP COVID-19 hubs:

AHA
heart.org

ACC
acc.org

HFSA
hfsa.org

FH FOUNDATION
thefoundation.org

ESC
escardio.org

For more information about Amgen's response to COVID-19, visit: [amgen.com/covid-19](https://www.amgen.com/covid-19)

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