5 REASONS

You Need an AED During COVID-19

Since February 2020, sudden cardiac arrests (SCA) have increased across the globe. Here's why it's more important now than ever before to have an automated external defibrillator (AED) available.

1 There is an **increase** in OHCA events.[1]

2019 — 321 OHCA

one year increase of 52%

2020 — 490 OHCA

2 Deaths from OHCA events **increased**[2]

Survival Rates	Bystander Response	EMT Response Time
DECREASED	**DECREASED**	**INCREASED**
14.9% to 7.9%	61% to 51%	6.6 to 7.6 minutes

3 **Cardiac damage** linked to COVID-19[3]

OUT OF 100 PATIENTS WITH MILD ILLNESSES AND A MEDIAN AGE OF 59

60% had myocarditis or inflammation

78% showed heart abnormalities

4 **Myocarditis,** a potential complication of COVID-19, is a risk factor for SCA in young athletes.[4,5]

Found in **at least five** Big Ten Conference athletes

Causes about **75 deaths per year** in athletes ages 13–25

5 Relationship identified between **COVID-19** and a **50% increase** in out-of-hospital Cardiac Arrest (OHCA) in two European countries.[6,7]

350,000 TO 700,000
LIVES EVERY YEAR
in Europe.[8,9]

Ensure that you're prepared to respond with CPR and an AED for any cardiac emergency. ZOLL® AEDs offer real-time, guideline driven CPR feedback. Having an AED visible and accessible can mean the difference between life and death.



[1] Baldi E, et al. *European Heart Journal*. 2020;41:32:3045–3054.
[2] Uy-Evanado A, et al. *JACC: Clinical Electrophysiology*. 2020 Oct 28. Doi: 10.1016/j.jacep.2020.08.010
[3] Puntmann VO, et al. *JAMA Cardiol*. Published online 27 July 2020. Doi:10.1001/jamacardio.2020.3557
[4] ESPN website, Aug. 10, 2020, https://es.pn/390l5FD. Accessed 28 Oct. 2020.
[5] Walsh B. AXIOS website, Aug. 15, 2020, https://bit.ly/391OuPK. Accessed 28 Oct. 2020.
[6] Baldi E, et al. European Heart Journal. 2020;41:32:3045–3054.
[7] Marijon E, et al. Lancet Public Health. 2020;5:8:E437–443. doi.org/10.1016/S2468-2667(20)30117-1.
[8] Perkins GD, et al. Resuscitation. 2015 Oct; 95:2:83.
[9] Uy-Evanado A, et al. J Am Coll Cardiol Clin Electrophysiol. 2020 Oct 28; DOI: 10.1016/j.jacep.2020.08.010.

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