

# Annual Safety Conference for Departmental Safety Representatives HKU 2023

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- Newly opened in December 2022
- 2/F, No. 3 Sassoon Road, Pokfulam
- Footbridge linking to Queen Mary Hospital





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# Saving Lives- CPR & AED





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# Background

- Out-of-hospital cardiac arrest (OHCA) is a global health care problem
- Neurological outcomes of choking-induced out-of-hospital cardiac arrest is poor
- Public access defibrillation (PAD) helps improve the number of survivors with OHCA in public areas



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# Situations may require immediate action

- Electric Shock
- Lightning strike
- Near-drowning event
- Heatstroke
- Choking accidents- common in children and aged population





Food for Thought



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# Scenario 1

- You and a co-worker are having a meeting in office, when you suddenly hear a gasp and see another colleague fell to the ground and lied motionless.





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## Scenario 2

- A security officer is patrolling in the campus and sees a person collapsed on ground







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## Scenario 3

- A person who is running on the treadmill in Sports Centre and suddenly feels chest pain and falls to the ground



Can you  
help?





<https://youtu.be/azhzBipo8g0>



<https://youtu.be/azhzBipo8g0>

**You can  
help!**





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# Importance of CPR & AED

- The **most effective way** to rescue cardiac arrest patients
- A person's chance of surviving **drops by 7% to 10% every minute** a normal heartbeat isn't restored
- **Public Access Defibrillation awareness**





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# What is Automated External Defibrillator (AED)?

- lightweight, portable device
- detects abnormal heart rhythm
- delivers an electric shock through the chest to the heart
- Simple and easy to use.
- Designed for use by the public



# Take-home Message





Just a stone's  
throw away !



Hong Kong / Health & Environment

## **Hong Kong construction worker, 66, dies after being found unconscious on scaffolding at Chinese University during amber heat warning**

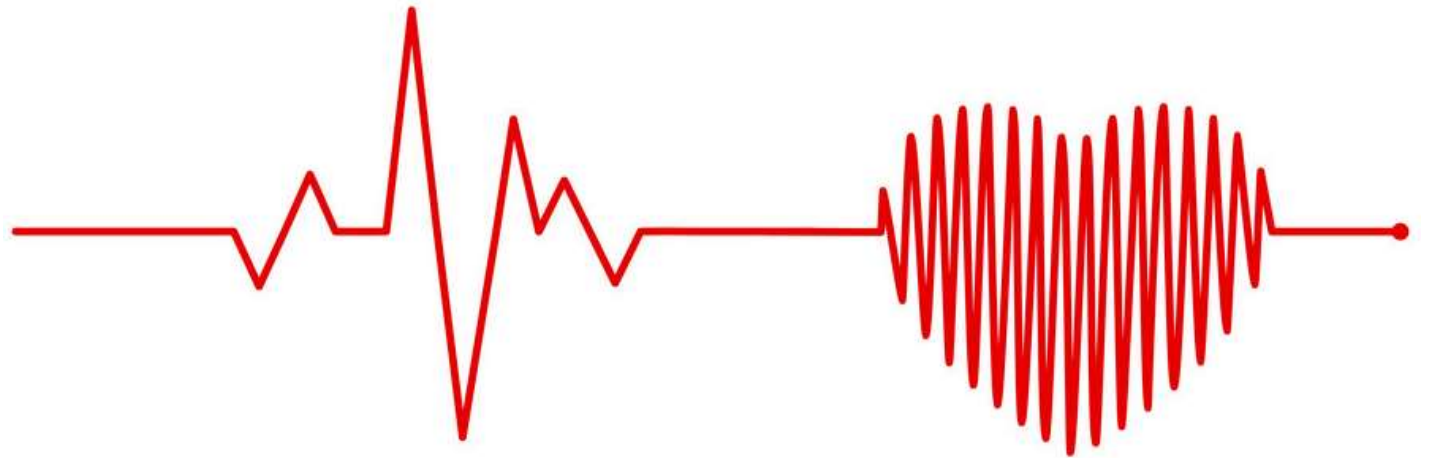
- Male worker collapses on scaffolding outside university before being rushed to Prince of Wales Hospital where he is certified dead on arrival
- Labour Department issues amber warning about heat stress to workers at 1pm, before another notice made 55 minutes later saying it was still in force

Hong Kong / Health & Environment

## **Hong Kong girl, 7, dies a week after choking on jelly**

- Government spokesman says student from Chiu Sheung School Hong Kong on Pok Fu Lam Road died in Queen Mary Hospital
- She was talking to peers and eating jelly candies at recess time when she choked and fainted

Give a Hand, Save a Life





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# References

- Fan, K.L., Leung, L.P. & Siu, Y.C. (2017). Out-of-hospital cardiac arrest in Hong Kong: a territory-wide study. *Hong Kong Med J* 2017;23:48–53.  
<https://www.hkmj.org/system/files/hkmj166046.pdf>
- Institute of Medicine (2015). Strategies to Improve Cardiac Arrest Survival- A Time to Act  
<https://nap.nationalacademies.org/resource/21723/CardiacArrestReportBrief.pdf>
- Takahiro, M. et al., (2022). An epidemiological assessment of choking-induced out-of-hospital cardiac arrest: A post hoc analysis of the SOS-KANTO 2012 study. *Resuscitation* 2022; 181: 311-319.  
<https://www.sciencedirect.com/science/article/abs/pii/S030095722200702X>
- Wu, W. Y (2019). Out-of-hospital cardiac arrest: the importance of a registry. *Hong Kong Med J* 2019;25:176–7.  
<https://www.hkmj.org/system/files/hkmj197990.pdf>

*Thank  
You*

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