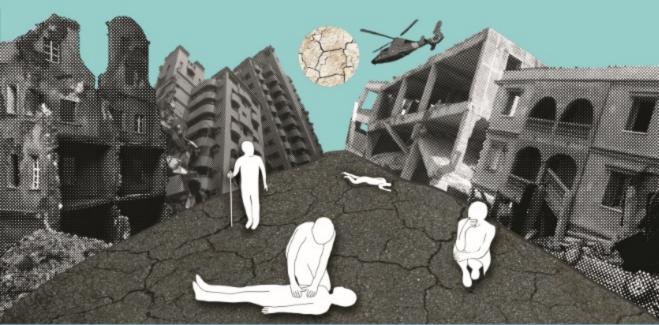


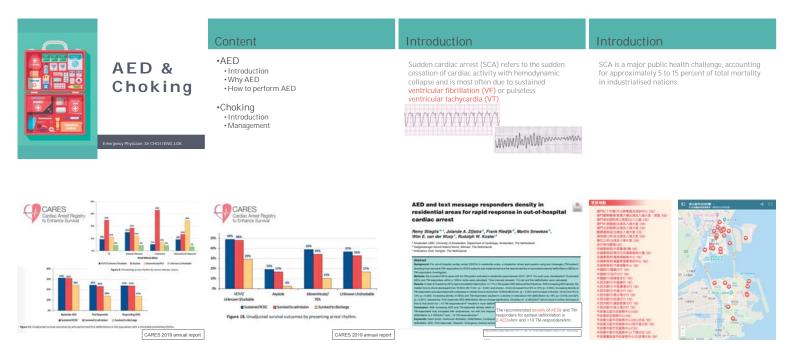
# 醫療急救技能培訓班 災難應變處理工作坊

## 2020.8.2 & 8.15

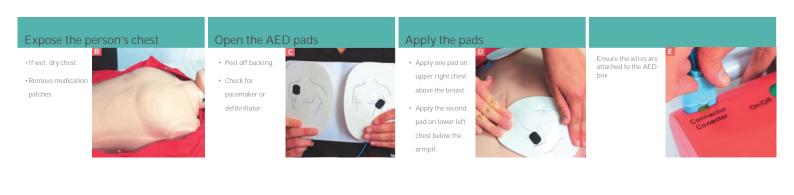












### Move away from the person

- Stop CPR.
- Clear the person.
  Tell others not to touch the person.





### Caution in special situation

- Much hair on chest?
- Peacemaker on right chest?
- nearly drowning patient?

SECTION BREAK

#### Choking - introduction

Choking occurs when a patient's airway becomes blocked, causing inability to breathe. This commonly leads to fatal cardiac arrest or lack of oxygen to the brain.

1.11



### Management (<1yrs)



#### Management (>1yrs & Adult)

- Stand directly behind the child/adult.
  Place both of your arms around patient's waist.
- Make a fist with one hand and grab the fist with opposite hand.
- Position the thumb end of the fisted hand immediately above the patient's naval (ampl distance away from the xiphoid process).
- Perform fast upward and inward diaphragmatic abdominal thrusts.
- Continue abdominal thrusts until the





Resuscitation in COVID-19 Patient Emergenc C.H.C.S.J.





## CPR & First Ald Interim Guidance for Basic and Advanced Life Support in Adults, SENERAL PRINCIPLES





Garden Arrast Tudey



eparation - Equipment



Viral (HEPA) Filter
 Video Laryngoscope
 Waveform Capnography
 Smooth damp for ETT
 Close Suction System

0

## Viral Filter

face mask, supraglottic airway de ordetraskaal tube, wertikter per



Capnography (ETCO2) Side stream Main stream kon system to minimize aerow... uration, Azelectasis, WAP incidence, Dio 0 **-**8















#### **Applications of Triangular and Roller bandages**

LINE ENDINE SECIALIST, EMERGENCY DEPARTMENT OF CH.C.S. 10 MACAO (満門にの前命会智能会論感会監察型算序智生) FELIOW OF MACAO ACADIM OF ONEOICNI(満門啓学専科学院院士) GALE MELICINE(満門登楽能量学會経過去) 02/08/2020

#### Outlines

- Definition of bandages Basic bandaging forms
- Goal of bandaging
- Common types of bandages Conclusion
- Take home messages

#### **Definition of bandages**

- A bandage is a piece of material used either to 1. covering wounds, to keep dressings in place
- 2. to applying pressure controlling bleeding
- to support a medical device such as a splint, or on its own to provide support to the body
- 4. can also be used to restrict a part of the body

#### **Basic bandaging forms** .Circular bandaging

- 2.Spiral bandaging
- 3.Reverse spiral bandaging 4.Figure-of-eight bandaging



#### **Spiral bandaging**

- An elasticated bandage can also be used to apply spiral bandaging to a tapered body part. Despite the increasing diameter of the body part, the elasticity will allow the bandage to fit closely to the skin.
- With each spiral turn, part of the preceding turn is covered generally by 2/3 of the width of the bandage.

Boto



#### Figure-of-eight bandaging

 Involves two turns, with the strips of bandage crossing each other at the side where the joint flexes or extends It is usually used to bind a flexing joint or body part below and above the joint.



#### Goal of bandaging

- Reduce risks of bleeding, infection, swelling 1.
- Immobilization 2.
- Prevent secondary injuries of nerves, blood vessels and muscles etc..
- 4. Support



#### Triangular bandages

Triangular bandages are made of cotton or disposable paper. They have a variety of uses:

- When opened up, they make slings to support, elevate or immobilize upper limbs. 2.
- Folded narrowly, a triangular bandage becomes a cold compress that can help reduce swelling.
- They are used also for applying pressure to a wound to control bleeding.

#### Uses for a triangular Bandage

1. Head and facial injuries such as scalp wound or jaw fracture Sling (Arm or Elevated), minor hand burns, sprained ankle, splint for broken Legs



Tourniquet, compression for bleeding wounds



#### Arm Sling

As the casualty to support their arm with their other hand. Gently side the triangular bandage underneath the arm. The point of the triangle should be underneath the elbow of the injured arm. Bring the top end of the bandage around the back of the neck.



#### Arm Sling

Fold the lower end of the bandage up over the forearm to meet the top of the bandage at the shoulder of the injured



#### Arm Sling

Tie the two ends of the bandage together in a reef knot above their collar bone and tuck in the free ends.



Arm Sling Adjust the sling so that it supports their arm all the way to the end of their little finger.



#### Arm Sling

Make sure that the edge of the bandage by the elbow is secured by twisting the fabric and tucking it in, or using a safety pin to fasten.



#### Arm Sling

Check the circulation in their fingertips every 10 minutes. Press their nail for 5 seconds until it turns pale, then release to see if the color returns within 2 seconds.





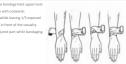
#### **Roller bandages**

- Roller bandages are long strips of material. An elastic roller bandage is used to apply support to a strain or sprain and is wrapped around the joint or limb many time It should be applied firmly, but not tightly enough to reduce circulation
- Cotton or linen roller bandages are used to cover gauze dressings. They come in many different widths and are held in place with tage, clips or pins. They can also be used for wound compression if necessary, as they are typically sterile.

#### Application of Roller bandages



#### Rules in applying Roller bandages



## SAM products

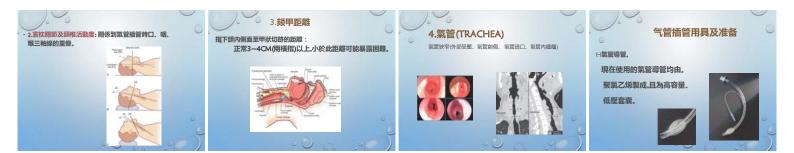


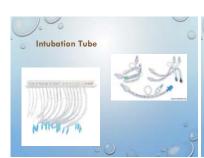














道管的選擇,

推薦成人: 男性-8.0MM ID 女性-7.5MM ID。 小兒:導管選擇可參考表8-3.亦可參考下列公式: F = 年齡+18 或 ID = 歲 / 4 +4 Table 8-3. Suggested Uncuffed Endotracheal Tube Size (Pediatric Cuffed Tubes: use half size smaller)

Age	Size mm LD.	Depth (cm) agr in yrs 2 + 12	Miller	Mac
Newborn	3-3.5	9-10	0	0
3-12 most.	4	10.5-12	0	0
1 yr.	4	12.5-13.5	1	1
2 yrs.	4.5	13.5	2	2
4 yrs.	5	14	2	2
6 yrs.	55	15	2	2
6 yrs.	6 cuffed	16	2	2
10 yrs.	6.5 cuffed	17	2-3	2-3
1.2 yrs.	n.5-7 cuffed	18	2-3	3
Adolescent	6.5-7 cuffed	21	2,3,4	3
Adult	6.5-8 cuffed	21	2,3,4	3-4

