Pulse Check 2018 EMT Core Content

38

UEENSLAND A

### **Topics & Credit Hours**

Pharmacology

UPENSLAND

- Cardiology
- Respiratory
- Toxicology
- Renal
- Abdominal
- Psychiatric
- Shock/Resuscitation
- Childbirth

- 1 hour
- 1 hour
- 1 hour
- 0.5 hour
- 1 hour



Size Up Chief Complaint Airway Breathing Circulation

Defib Decision Disability **E**xpose Examine Environment **F**ocused HX **G**O – Ongoing Assessment QUEENSLAND AM JULANCE STRVIG

# SSCENE SIZE UP

Scene Safety **Standard Precautions** MOI/NOI # of patients **Need for Spinal Motion Restriction Additional Resources General Impression** 

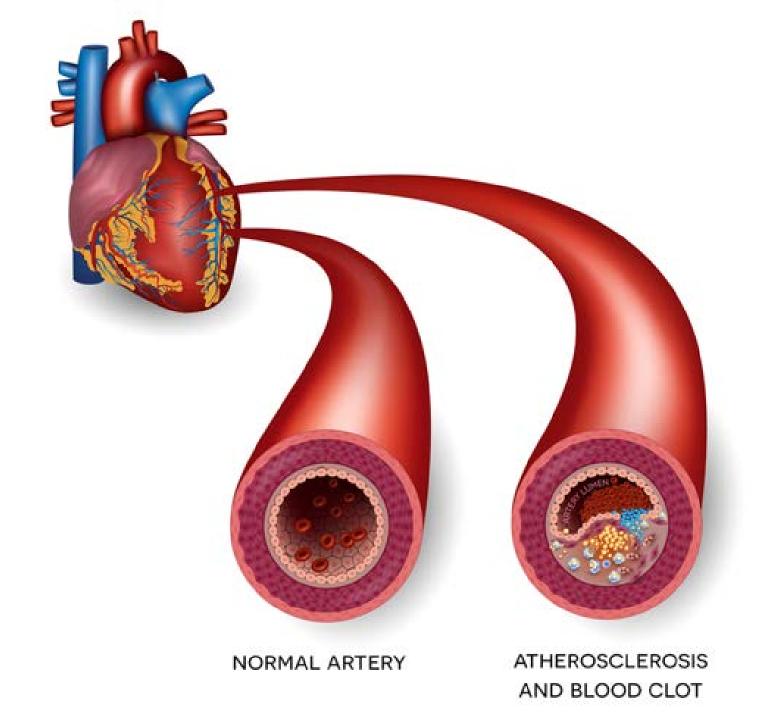


# A APPEARANCEB WORK OF BREATHINGC COLOR

62 year old complaining of chest pain x 2 hours.

- Size Up
- Airway
- Breathing
- Circulation
- Decision
- Defib
- Disability
- Diagnostics
- Expose
- Examine
- Environment
- Focused History
- Go/Ongoing Assessment







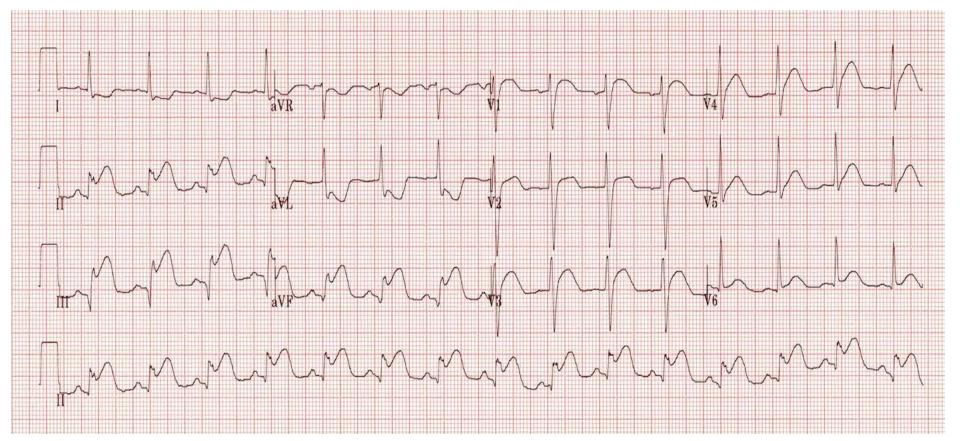












70 Year Old complaining of difficulty breathing and chest pain.

- Size Up
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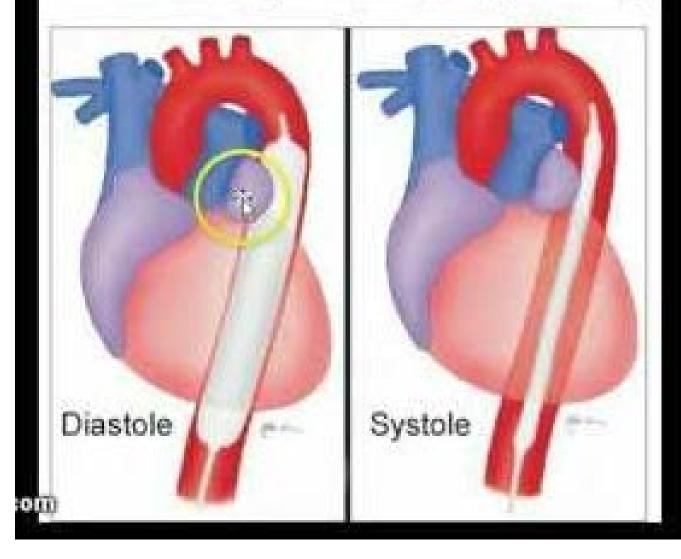








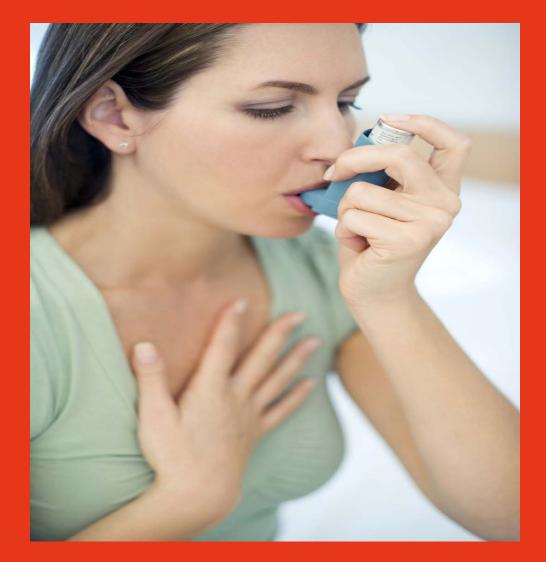
## Intra-aortic balloon counterpulsation (IABP)

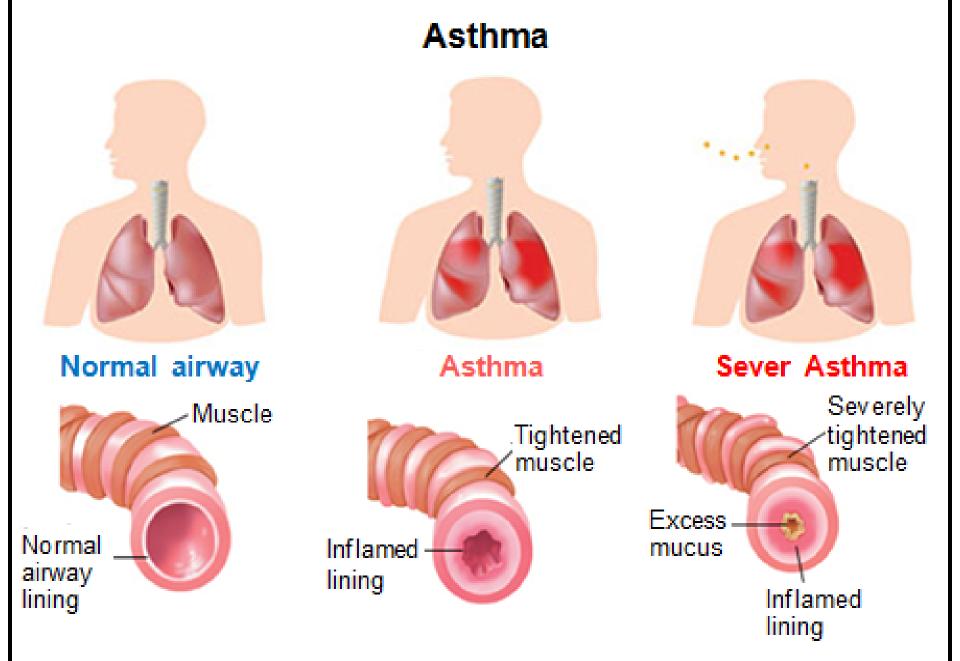




28 year old difficulty breathing

- Size Up
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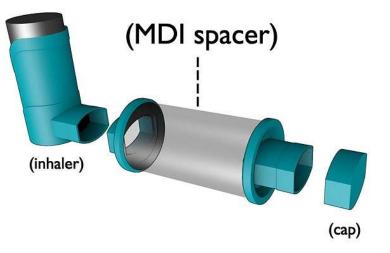












wikiHow



NDC 0487-9501-25

#### Albuterol Sulfate Inhalation Solution, 0.083%\*

2.5 mg\* / 3 mL

### FOR ORAL INHALATION ONLY

Equivalent to 0.5 mL Albuterol Sulfate 0.5%\* diated to 3 mL with norm. Attention Pharmaciet: Detach "Patient's Instructions For Use" form package insert and dispense with solution. Protect from light, Store between 2" and 25°C (36" and 77" F). Discard if abuliton becomes displaced. (Note: Albuterol Sulfate Inhaliation Solution is a clear, coloriess to light.

Rx only

25 x 3 mL Sterile Unit-Dose Vials



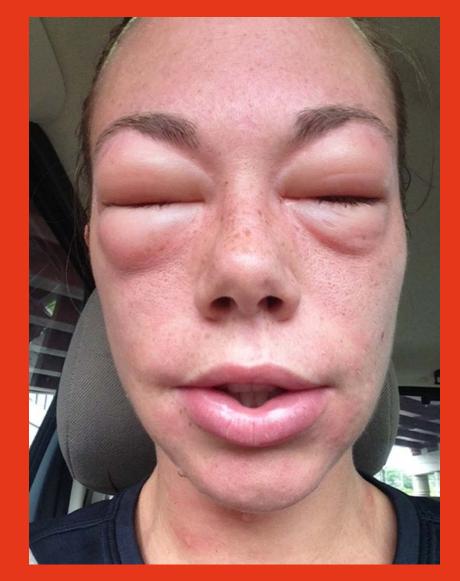






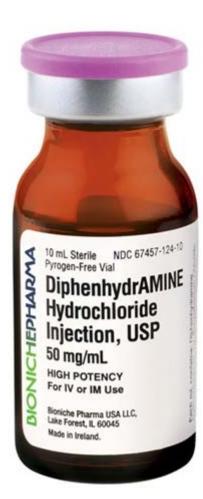
30 year old female complaining of rapid onset difficulty breathing driving home from lunch.

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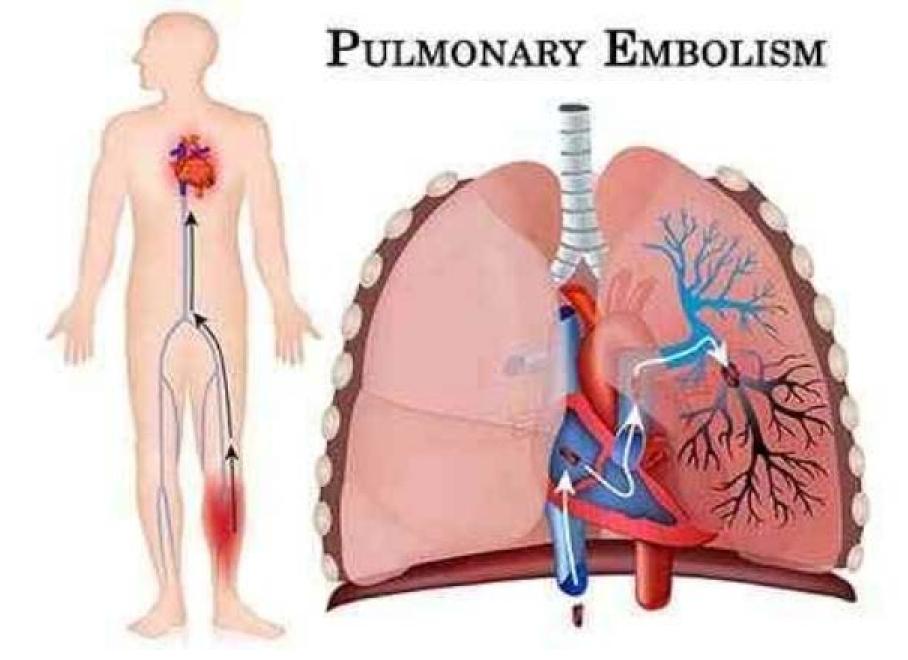




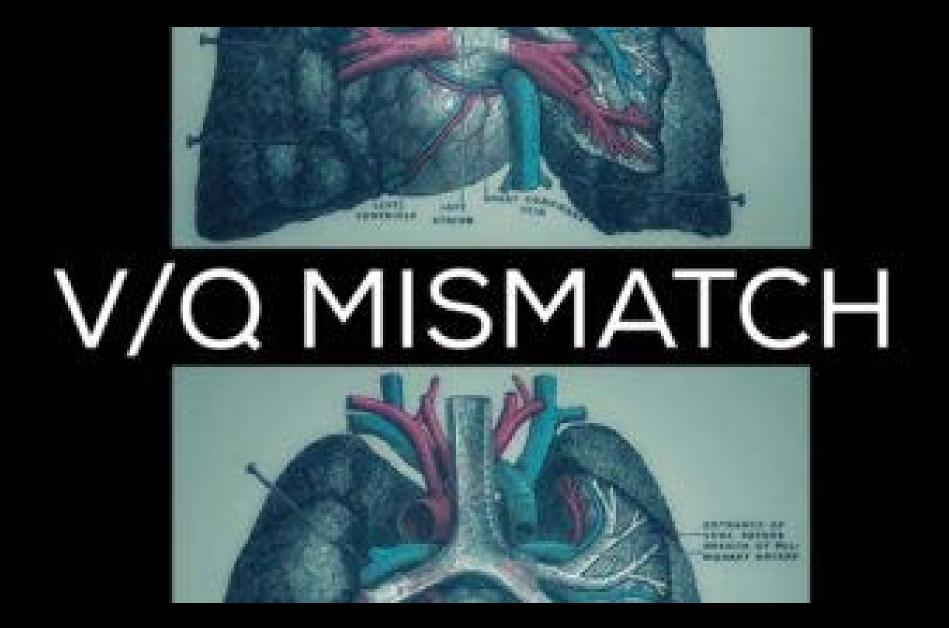
31 year old female complaining of sudden onset of chest pain with difficulty breathing.

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Siti Nurul Afiqah binti Johari (10-6-95)



Anyone can get pulmonary embolism. The risk factors are:

- prolonged bed rest or inactivity
- oral contraceptives (birth control pills)
- surgery
- pregnancy before, during and after delivery
- cancer
- Stroke or heart attack
- heart surgery
- fractures of the hips or femur
- previous deep vein thrombosis

# 54 year old male altered mental status.

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### Cincinnati Prehospital Stroke Scale



### Facial Droop

Instruction:	Ask patient to smile
□ Normal:	Both sides of face move equally
□ Abnormal:	One side of face does not move as well



### Arm Drift

Speech

Instruction:	Ask patient to close eyes and extend both arms straight out for 10 seconds
□ Normal:	Both arms move the same or not at all
Abnormal:	One arm does not move or drifts down



### Instruction: Ask patient to say "You can't teach an old dog new tricks." Normal: Patient says correct words without slurring Abnormal: Patient slurs words, says wrong words, or is unable to speak

Kothari RU, et al. Cincinnati Prehospital Stroke Scale: reproducibility and validity. Ann Emerg Med. 1999;33:373-8.

Smoke inhalation from house fire

S

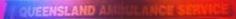
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Aldehydes, acid gases, sulfur dioxide, nitrogen oxides, polycyclic aromatic hydrocarbons (PAHs), benzene, toluene, styrene, metals and dioxins.

BAD STUFF! Soot. Carbon Monoxide. Cyanide.



## Do You Have One of These?

















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## 22 year old possible overdose

- Size Up
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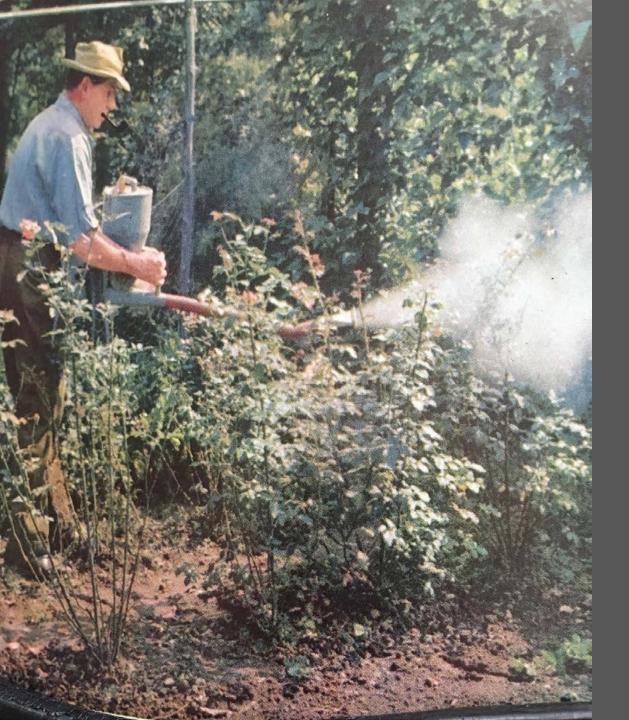






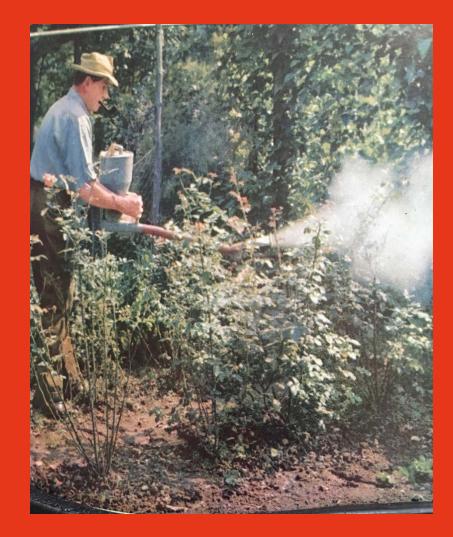
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Unconscious in back yard after spraying roses

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## SLUDGEM

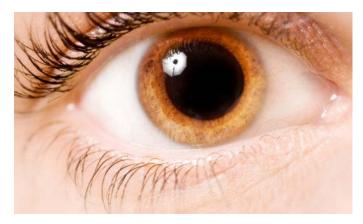
- Salivation
- Lacrimation
- Urination
- Defecation
- Gastrointestinal upset
- Emesis
- Miosis

## DUMBBELS

- Diarrhea
- Urination
- Miosis/muscle weakness
- Bronchorrhea
- Bradycardia
- Emesis
- Lacrimation
- Salivation/sweating

- Miosis: excessive constriction of the pupil.
- Mydriasis: dilation of the pupil.
- Anisocoria: one pupil being more dilated than the other.









65 year old C/O difficulty breathing that has gotten progressively worse over past 6 hours. It woke him from sleep.

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22 year old C/O pain and swelling in his legs and has been nauseous and vomited twice.



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