Shortness of Breath (SOB)

Findings
- Increased work of breathing
- Unilateral absent breath sounds
- US: Absent lung sliding
- US: Lung point
- Foreign body
- Stridor
- Angioedema
- Hypotension
- Cough
- Wheezing
- Pleuritic pain
- Hypoxia
- ECG: RV strain
- US: DVT
- US: RV dilation
- Swelling
- Crackles
- Hypertension
- ECG changes
- US: LV dysfunction
- Fever
- Hypoxia
- Bilateral infiltrates
- PO2/FIO2 < 500
- Hyperventilation
- Hyperglycemia
- Low pH (<7.35)
- Low HCO3/ base deficit
- Ketonuria

Syndromes
- Tension pneumothorax
- Airway obstruction
- Anaphylaxis
- Shock
- Asthma
- COPD
- Pulmonary embolism
- Pulmonary edema
- ACS
- Tachyarrhythmia
- Pneumonia
- Sepsis
- ARDS
- DKA
- Overdose
- Other metabolic causes

Emergency actions
- NIMV
- Intubation
- Tracheostomy
- Chest X-ray
- Chest tube
- Bronchodilator
- Epinephrine
- Fluid bolus
- Vasopressor
- Bronchodilator
- ABG
- Heparin
- Piroxemide
- ASA
- Amlodipine
- Antibiotic
- Low tidal volume
- Sedatives
- Fluid
- Insulin
- NaHCO3
- Hemodialysis

Regardless of any syndrome, consider:

Red – emergent syndromes (immediate action)
Yellow/orange – urgent syndromes (prompt action)
Blue – procedure/consult

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