ETIOLOGIES:
P-A-S-S O-U-T (mnemonic)

SYNCOPE

P (Hypotensive Causes)
- P: Pressure (hypotensive causes)
- O: Output (cardiac)/O₂ (hypoxia)
- U: Unusual causes
- T: Transient Ischemic Attacks & Strokes, CNS dz's

SYNCOPE EVALUATION
The following pathway presents a possible diagnostic sequence based on the preceding information.

H*P*, EKG, Labs: (CBC, Lymes, BG, BUN/Cr, Ca+, Scao2)
*H&P should include BP (lying & standing BPs)

P (Hypotensive Causes)

1) VasoVagal
2) Orthostatic Hypotension

Causes:
- a) Volume Loss
- b) Medications
- c) Situational **
- d) Primary Autonomic dz.*
- e) Secondary Autonomic dz.#
- f) Adrenal Insufficiency

A (Arrhythmias)
- Bradycardias, Tachycardias (SVT, NSVT, A.F.), pacemaker malfunctions

U (Unusual causes)
- Seizures
- Sugar (hypo/hyperglycemia)

O (Output) (cardiac)/O₂ (hypoxia)

CARDIAC
- A.S., P.S., M.S.
- A.HSin
- Cardiomyopathies:
- Atrial Myxoma
- Cardiac Tamponade
- Aortic Dissection
- M.I.
- CHF

PULMONARY (O₂)
- P.E.
- Pulm. HTN
- COPD exacerbation
- C.O. poisoning

U (Unusual causes)
- Anxiety
- Panic disorder
- Hyperventilation syndrome
- Somatization disorder

T (Transitory Causes)
Ischemic Attacks & Strokes (and other CNS causes)

If none of the above:
- Consider OUTPATIENT (if home support system secure)
- Stress Test
  - Exercise stress echo, or Pharmacologic stress test
  - History suspicious for arrhythmia?

If YES to any of the preceding consider initial INPATIENT management

INPATIENT for MI r/o:
- Cardiac Monitor
- If Seizure sx do EEG
- If Cardiac output sx's do Echo
- If neuro sx's or signs do CT

IF:
- Structural heart disease**
  - Cardiac sx &/or risk
  - or Abn. EKG**
  - Unsecure Home Environ.
  - or Seizure
  - or Acute neuro sx.
  - or Significant injury

** Structural heart disease = CAD, CHF, Valcular disease, cong. heart disease
**Abnormal EKG: old MI, BBB, arrhythmias, conduction syst. disease

If none of the above:

Negative w/u Structural heart dz?
- or Abn. EKG?
- or Cardiac risk or sx?

YES

If YES to any of the preceding consider initial INPATIENT management

Complete the "PASS OUT" evaluation

Cardiology & EPS?
- Event Monitor
  - (for Brady-arrhythmias)