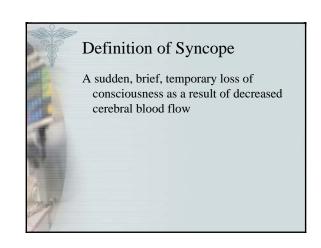
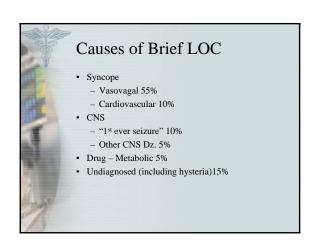
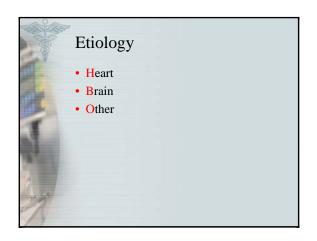


Why Study Syncope? • Frequent complaint of patients presenting to Emergency Departments. (usually benign) • The problem with syncope is that the most significant causes are cardiac, may be life threatening, and may be dismissed as benign.

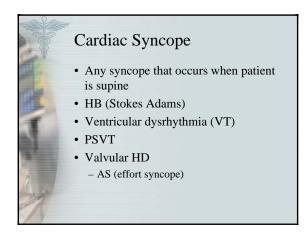


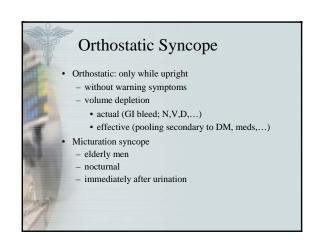
Causes • Vasovagal, >50% ("simple") • Cardiac • Orthostatic (decreased BP upon standing) • Cerebrovascular • Misc. (hypoglycemia, micturation...)

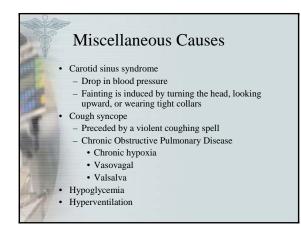


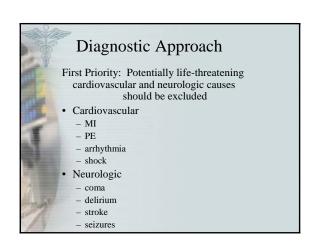


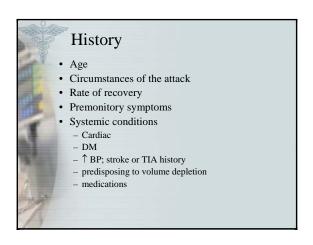


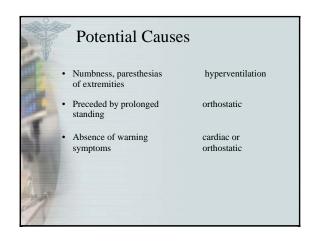




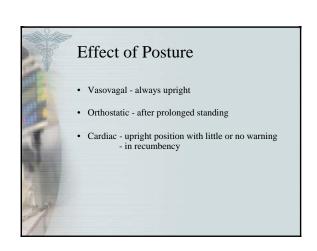


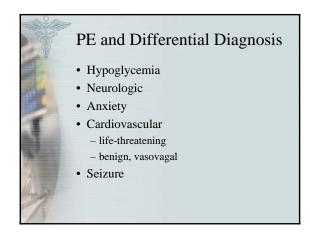




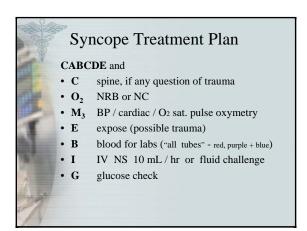








Differential Diagnosis of Syncope and Seizures				
		SYNCOPE	SEIZURES	
milet .	Onset	Gradual	Sudden	
	Warning	Usual	Aura common	
1	Duration	Brief	Prolonged	
4	Position	Usually erect	Any	
	Convulsions	Rare	Common	
	Incontinence	Rare	Common	
0	Tongue biting	Rare	Common	
A North	Postictal	Usually absent	Usually present	
1				



Approach to Syncope • COMEBIG • O₂ / IV volume / rule out arrhythmias • keep patient flat or Trendelenburg • VS • loosen tight clothing • secondary survey – trauma signs – seizure signs – hypoglycemia signs

Summary We have discussed: Pathophysiology of syncope. Assessment findings in syncope. Common causes of syncope. Potentially life-threatening causes of syncope. Comparing the various causes of syncope. Need for rapid intervention and transport of patient with syncope. The management of syncope.