# **Demystifying Syncope**

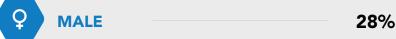


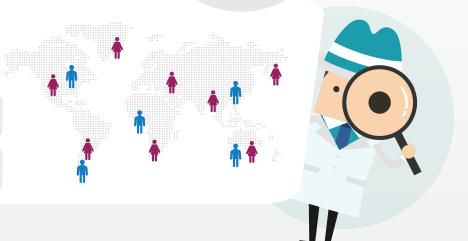


#### **PREVALENCE**

- Can occur across the lifespan
- 35% cumulative incidence of syncope by age 60

ď	FEMALE	41%





## **ETIOLOGY**

- Multiple known/unknown causes
- 50% are vasovagal syncope across all adult age groups



### **IMPACT**

- A marker of significant underlying disease in selected populations
- While most causes of syncope are harmless, presence of serious medical conditions warrant additional evaluation and treatment
- Recurrent syncope leads to poor quality of life and possible injuries



## THE SOLUTION

Use the 2017 ACC/AHA/HRS Syncope **Guidelines** for a standardized approach to:

- Risk stratification
- Diagnosis
- Treatment



- 1% 3% of ED visits in the U.S.
- 6% of hospital admissions in the U.S.

Clinical:



- Multiple diagnostic tests
- Low-yield testing and evaluation
- High rates of hospitalization

Financial:



#### Be a Part of the Solution



**Know** contemporary, cost-effective strategies for initial evaluation and risk stratification.



Identify high-risk patients who may benefit from hospitalization or guideline-directed outpatient evaluation from low-risk patients who require minimal diagnostic testing.



Follow a standardized approach to initial management for improved patient care and better utilization of healthcare resources.



**AMERICAN** 

COLLEGE of

**CARDIOLOGY** 

#### Abbreviations:

ED: emergency department; ACC: American College of Cardiology; AHA: American Heart Association; HRS: Heart Rhythm Society

## Advancing Heart Care Worldwide

#### References:

- Probst MA, Kanzaria HK, Gbedemah M, et al. Am J Emerg Med 2015;33(8):998-1001.
- Ganzeboom KS, Mairuhu G, Reitsma JB, et al. J Cardiovasc Electrophysiol 2006;17(11):1172-6. Alshekhlee A, Shen WK, Mackall J, Chelimsky TC. Am J Med 2009;122(2):181-8.
- Sandhu RK, Sheldon RS. Front Cardiovasc Med 2019;6(180):180.
- Jorge JG, Raj SR, Teixeira PS, Teixeira JAC, Sheldon RS. Europace 2021 Jul 18;23(7):1092-99.
- Shen WK, Sheldon RS, Benditt DG, et al. J Am Coll Cardiol 2017;70(5):e39-e110.
- Goldberger ZD, Petek BJ, Brignole M, et al. J Am Coll Cardiol 2019;74(19):2410-23
- 8. Edvardsson N, Wolff C, Tsintzos S, et al. Europace 2015;17(7):1141-48.
- Sanders NA, Jetter TL, Brignole M, Hamdan MH. Pacing Clin Electrophysiol 2013;36(2):152-62.
- 10. Shen WK, Decker WW, Smars PA, et al. Circulation 2004 Dec;110(24):3636-45.
- 11. Thiruganasambandamoorthy V, Rowe BH, Sivilotti MLA, et al. Circulation 2019 Mar;139(11):1396-1406.
- 12. Waytz J, Cifu AS, Stern SD. JAMA 2018;319(21):2227-8.