# Cardiac Auscultation in Y2K?

W. Thornton, M.D. Division of Cardiology UTMB





- Increased medical technology
   Decreased emphasis on physical diagnosis
   Decreased opportunity for student practice





### Heart Sounds vs Carotid Pulse

**Heart Sounds** 



Palpated Pulse





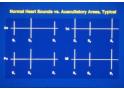


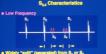
# **Normal Variant Heart Sounds**















## **Basic Heart Sounds**





Syr	stolic vs Diasto 10 Feb	olic Answer Shee o, 2000
A. Soun	ds Only Systolic?	Diastolic?
1.		
2.		
. 3.		
4		
5.		
6.		
B. Soun	ds plus "Pulse	,-
	Systolic?	Diastolic?
L		
2.		
3.		
4.		
5.		

A.	Sou	nd	חל יייני

Systolic vs Diastolic Answer Sheet







### Problem

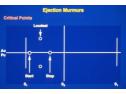
Current auscultatory abilities poor at all levels

Circulation

A Glorinus Past—But Does It Have a Future

WALL STREET JOURNAL

Some Doctor Can't Food de Some Doctor Can't



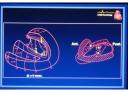


# **Basic Heart Sounds**



# eneration of Normal Heart Sounds, S<sub>1,2,</sub> and Respiratory Splitting of S<sub>2</sub>









## Problem

Current auscultatory abilities poor at all levels





Some Ductors Can't Find the Ball Control of the State State

Cardiac Asscultation
A Glorious Part—But Dies It Have a Febre
Nove C Test NO

Value of and need for auscultatory abilities remain





