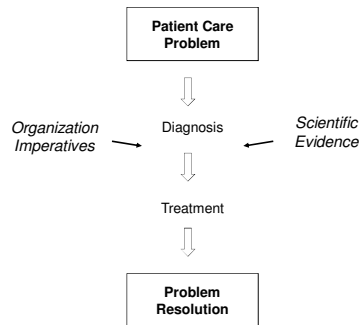


Component 2: The Culture of Health Care

Unit 4: Health care processes and decision making Lecture 4

This material was developed by Oregon Health & Science University, funded by the Department of Health and Human Services, Office of the National Coordinator for Health Information Technology under Award Number HHS-00000015.

Choosing Therapy: The Myth

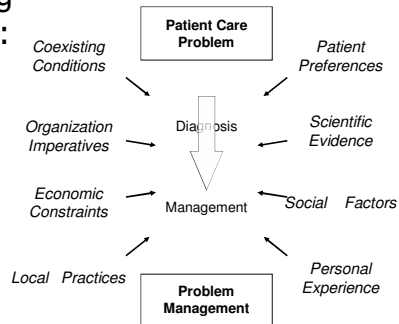


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Choosing Therapy: The Reality



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Individualizing Management

- Coexisting conditions
- Patient preferences
- Social factors
- Economic limitations
- Scientific Evidence
- Local practices
- Personal (clinician) experience
- Organizational imperatives
- HTN in DM – choose ACEI
- PSA test – patient preference
- Hmong belief re death
- New murmur, no insurance
- PPI over H2 blocker for GERD
- Specialist availability, beliefs
- Choice of surgical procedure
- Formulary of insurance plan

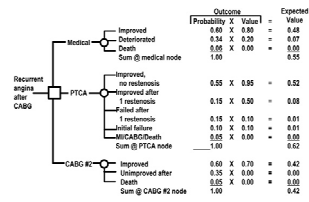
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Decision Analysis

- List options available
- List possible outcomes of each option
- Find probability of each possible outcome
- Ask patient for utility of each outcome
 - e.g. time trade off
- Calculate expected utility of decision
- Toss ups
- Heuristics and biases



<http://www.nlm.nih.gov/nichsr/html/101/tree15.jpg>

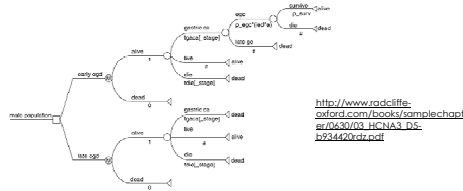
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Cost Effectiveness Analysis

Figure 20: Markov model to evaluate the cost-effectiveness of early endoscopy



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"Medical Records That Guide and Teach" (Weed 1968)

- Subjective
- Objective
 - Hx, PE, Lab
- Assessment
- Plan
 - Diagnostic
 - Therapeutic
 - Patient Education
- Structure similar to scientific argument
- Logic embedded in structure
- Continuity over time
- Three part plan reminds clinician of uncertainty, patient inclusion

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Diagnosis and Treatment Management Plan

SOAP Format

Problem # 1: Polydipsia, Polyuria

Dx: blood sugar, hemoglobin A1c, urinalysis

Tx: diabetic diet, exercise prescription

Pt. Educ: meet with diabetic educator, referral to local diabetes group

Problem # 2: High BP

Dx: EKG, urinalysis, serum electrolytes

Tx: low salt diet, exercise prescription, diuretic

Pt. Educ: Hypertension handout, list of useful websites

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Management Plan

	initial plan	secondary	tertiary
GI			
GERD	trial of PPI (H2B?)	f/u appt for decision	EGD
PUD/bleeding	Hct, hemocult	EGD	H pylori therapy (\$\$\$)
Gastritis	Education re lifestyle changes	EGD	
Non-ulcer dyspepsia	(dx of exclusion)		
gallbladder, pancreas			CT or US
zebras: cancer, etc			EGD or CT if unimproved
Cardiac			
CAD	Education re lifestyle changes	ETT	ASA??

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