Evidence-based approaches to communicating risks and benefits

Ellen Peters, Ph.D.

The Ohio State University Professor of Psychology Director, Behavioral Decision Making Initiative peters.498@osu.edu

Some potential barriers to effective communication of critical information

Systemic

1. Insufficient, uncertain, and changing information

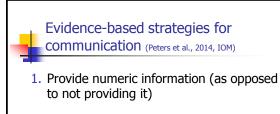
The Communicator

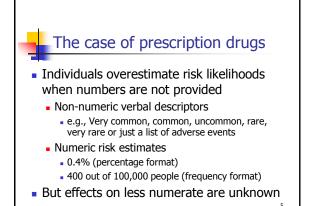
2. Communicators overestimate what consumers know and how effectively they communicate

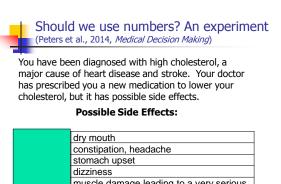
The Patient or Consumer

- 3. Motivated information processing
- 4. Lack of comprehension and use of information

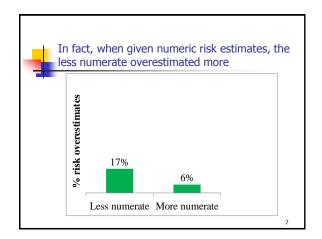
How should we communicate? Evidence-based communication strategies Peters, Meilleur, & Tompkins (2014). Numeracy and the Affordable Care Act: Opportunities and challenges. *Health Literacy and Numeracy*: Roundtable on Health Literacy, Institute of Medicine.

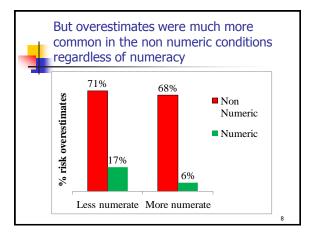


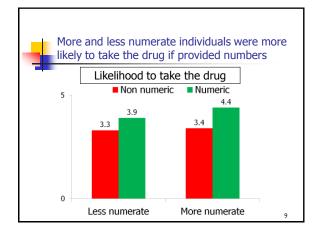


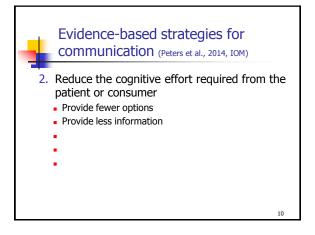


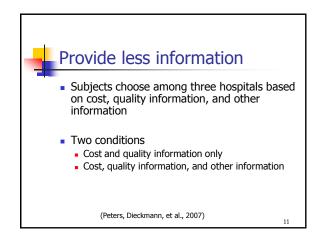
muscle damage leading to a very serious condition called rhabdomyolysis











Condition = All information			
All IIIIOIIIIau011			
Indicators	Hospital X	Hospital Y	Hospit Z
Your out-of-pocket costs	\$	\$\$\$	\$\$
Number of general care beds	550	231	180
Rated quality of hospital food (higher is better)	4.1	1.1	2.0
% of time guidelines for heart attack care are followed	82%	92%	87%
% of time guidelines for pneumonia care are followed	60%	89%	78%
Number of visiting hours per day	11	6	8
Number of Registered Nurses per 100 patients	18	38	29
Patient references available	Limited	Limited	Limite
Has computer system to prevent medication errors	No	Yes	Limite

Indicators	Hospital X	Hospital Y	Hospita Z
Your out-of-pocket costs	\$	\$\$\$	\$\$
Number of Registered Nurses per 100 patients	18	38	29
Has computer system to prevent medication errors	No	Yes	Limited
% of time guidelines for heart attack care are followed	82%	92%	87%
% of time guidelines for pneumonia care are followed	60%	89%	78%

