

# MEASUREMENT OF EFFECTIVENESS AND OUTCOMES IN HEALTH CARE

## HEALTH SERVICES 214

WINTER, 2006

Mark S. Litwin, M.D., M.P.H.

Time and Place: Mondays, 9:00 a.m. – 11:50 a.m., Room tba  
Course Website: [http://www.ph.ucla.edu/hs/syllabi\\_w06.html](http://www.ph.ucla.edu/hs/syllabi_w06.html)  
Required readings: 1. *Assessing Quality of Life in Clinical Trials*, (2<sup>nd</sup> edition), edited by Peter Fayers and Ron Hays, Oxford Univ Press, 2005.  
2. *How to Measure Survey Reliability and Validity* (2<sup>nd</sup> edition), by Mark S. Litwin, Sage Publications, 2002.  
3. Required chapters and supplementary readings are noted on the syllabus and must be read prior to the lecture. Supplementary readings will be distributed in class prior to the relevant lecture.

Other Useful Texts: (Available in the Biomedical Library)

- Bowling, A. *Measuring Health: a review of quality of life instrument scales*. 1997 Milton Keynes: Open University press.
- Kane RL. *Understanding Health Care Outcomes Research*. 1997, Aspen Publishers, Inc.
- McDowell I, Newell C. *Measuring Health*, 2<sup>nd</sup> Edition, 1996, New York: Oxford University Press
- Patrick DL, Erickson P. *Health Status and Health Policy: Quality Life in Health Care Evaluation and Resource Allocation*, 1993, New York: Oxford University Press.
- Spilker B (ed). *Quality of Life and Pharmacoeconomics in Clinical Trials*. 2<sup>nd</sup> edition, 1996, Lippincott-Raven Publishers, Philadelphia, PA.
- Staquet M, Hays R, & Fayers P. (eds.), *Quality of Life Assessment in Clinical Trials: Methods and Practice*, 1998, Oxford: Oxford University Press.
- Stewart AL, Ware JE Jr. *Measuring Functioning and Well-being, The Medical Outcomes Study Approach*, 1992, Durham and London: Duke University Press
- Wilkin D, Hallam L, Doggett MA. *Measures of Need and Outcome for Primary Health Care*, 1992, New York: Oxford University Press.

### Course objectives:

This course will provide a broad perspective on the conceptualization and development of health-related quality of life and their application to the assessment of outcomes and effectiveness in medical care. The focus is on the links between theory, methods, and practical applications. Representative state-of-the-art methods will be reviewed and placed in the context of current health service research practice. By the end of the course students will be familiar with a variety of approaches to health status assessment and should have a framework and specific skills for determining how and when health status assessment should be incorporated into health services research programs.

- **ABSTRACT OF FINAL PAPER TOPIC DUE FEB 13, 2006**
- **FINAL PAPER (research proposal) DUE MARCH 19, 2006**

Evaluation of Student Performance: Class participation 30% + Term Paper/Presentation 70%

DATE	TOPIC	LECTURER	READING
1. 1/9/05	Course Introduction Importance of Outcomes & Health-Related Quality of Life	Litwin	Supplementary Reading (S.R.)
2. 1/16/05	HOLIDAY		
3. 1/23/05	Reliability, Validity, & Responsiveness	Litwin	Chapter 1.3 and 1.4 Entire Litwin text
4. 1/30/05	Generic and Targeted Profile HRQOL Measures	Litwin	Chapter 1.1
5. 2/6/05	Utilities and Preference Measures	Kaplan	Chapter 6.2
	Cross-Cultural Issues in Outcomes Assessment	Kagawa-Singer	S.R.
6. 2/13/05	Minimally Important Difference & Responsiveness to Change	Kaplan	Chapter 4.2 Abstracts Due
	Qualitative Methods in Outcomes Research	Maliski	S.R.
7. 2/20/05	HOLIDAY		
8. 2/27/05	Eye Disease & HRQOL	Mangione	S.R.
	Neurologic Disease & HRQOL	Vickrey	S.R.
9. 3/6/05	HIV and HRQOL	Cunningham	S.R.
	HRQOL & Colorectal Cancer	Ko	S.R.
10. 3/13/05	FINAL PAPER PRESENTATIONS (Papers due)		