

MÅLEMETODER OG EVALUERINGSFORMER (FYST331) VÅRSEMESTERET 2018

Pensumbøker:

de Vet HCW, Terwee CB, Mokkink LB, Dirk L, Knol DL. Measurement in Medicine. A Practical Guide. VU University Medical Center, Amsterdam 2011. (348 pages) ISBN:9780521133852.

Carter RE and Lubinsky J (eds). Chapter 18: Measurement Theory og Chapter 19: Methodological Research, in: Rehabilitation Research: Principles and Applications, 5th edition. Missouri: Elsevier Inc, 2016: pages 231-257.

Anbefalte bøker:

Heath, Hindmarsh and Luff, eds. Video in qualitative research. Analysing social interactions in everyday life. Chapters 2, 3, 4. Sage, Los Angeles 2011, p 14-85.

ICF. Internasjonal klassifikasjon av funksjon, funksjonshemming og helse. World Health Organization 2001. Oversatt og tilrettelagt av KITH og utgitt av Sosial- og helsedirektoratet med tillatelse fra WHO. Trondhjem, Aktietrykkeriet 2003:3-23.

Streiner DL, Norman GR. Health measurement scales. A practical guide to their development and use. 3. ed. Oxford: Oxford University Press 2008.

Pallant J. SPSS Survival Manual. A step by step guide to data analysis using IBM SPSS. 6th edition, 2016. New York: Open University Press, 352 pages.

Litteratur, tematisk til undervisningsopplegget:

ICF

Mullis R, Barber J, Lewis M, Hay E. ICF Core Sets for low back pain: Do they include what matters to patients? J Rehabil Med 2007; 39:353-7.

<http://www.ncbi.nlm.nih.gov/pubmed/17549324?dopt=Citation>

Cieza A and Stucki G. The International Classification of Functioning Disability and Health: its development process and content validity. Eur J Phys Rehabil Med 2008.,44, 303-13.

<https://www.ncbi.nlm.nih.gov/pubmed/18762740>

Holsbeeke L, Ketelaar M, Schoemaker MM, Gorter JW. Capacity, capability, and Performance: Different constructs or three of a kind. Arch Phys Med Rehabil 2009;90:849-55.

<http://www.sciencedirect.com/science/article/pii/S0003999309001257>

Eland ND, Kvale A, Ostelo R, Strand A. Rasch analysis resulted in an improved Norwegian version of the Pain Attitudes and Beliefs Scale (PABS). Scand J Pain 2016; 13:98-108

<https://www.ncbi.nlm.nih.gov/pubmed/28850539>

Lygren H, Dragesund T, Joensen J, Ask T, Moe-Nilssen R. Test-retest reliability of the Progressive Isoinertial Lifting Evaluation (PILE). Spine 2005; 30:1070-74.

<http://www.ncbi.nlm.nih.gov/pubmed/15864161?dopt=Citation>

Magnussen L, Strand LI, Lygren H. Reliability and validity of the Back Performance Scale: observing activity limitation in patients with back pain. *Spine* 2004;29:903-7.

<http://www.ncbi.nlm.nih.gov/pubmed/15082994?dopt=Citation>

Moe-Nilssen R. Test-retest reliability of trunk accelerometry during standing and walking. *Arch Phys Med Rehabil.* 1998;79:1377-85. <http://www.ncbi.nlm.nih.gov/pubmed/9821897?dopt=Citation>

Moe-Nilssen R, Nordin E, Lundin-Olsson L. Criteria for evaluation of measurement properties of clinical balance measures for use in fall prevention studies. *Journal of Evaluation in Clinical Practice* 2008;14:236-40. <http://www.ncbi.nlm.nih.gov/pubmed/18324932?dopt=Citation>

Strand LI, Ljunggren AE, Bogen BE, Ask T, Johnsen TB. The Short-Form McGill Pain Questionnaire as an outcome measure: Test-retest reliability and responsiveness to change. *European Journal of Pain* 2008;(12):917-25 <http://www.ncbi.nlm.nih.gov/pubmed/18289893?dopt=Citation>

Boersma K, and Linton SJ. Screening to identify patients at risk - Profiles of psychological risk factors for early intervention. *Clinical Journal of Pain* 2005 21(1):38-43.

<https://www.ncbi.nlm.nih.gov/pubmed/15599130>

Linton, S. J., M. Nicholas, and S. MacDonald. Development of a short form of the Orebro Musculoskeletal Pain Screening Questionnaire. *Spine* 2011 (Phila Pa 1976) 36(22):1891-5.

<https://www.ncbi.nlm.nih.gov/pubmed/21192286>

Dworkin RH, Turk DC, Farrar JT et al. Core outcome measures for chronic pain in clinical trials: IMMPACT recommendations. *Pain* 2005;113:9-19.

<http://www.ncbi.nlm.nih.gov/pubmed/15621359?dopt=Citation>

Farrar JT, Young JP, LaMoreaux L, Werth JL, Poole RM. Clinical importance of changes in chronic pain intensity measured on an 11-point numerical pain rating scale. *Pain* 2001; 94:149-58.

<http://www.ncbi.nlm.nih.gov/pubmed/11690728?dopt=Citation>

Hjermstad MJ, Fayers PM, Haugen DF, Caraceni A, Hanks GW, Loge JH et al. Studies Comparing Numerical Rating Scales, Verbal Rating Scales, and Visual Analogue Scales for assessment of Pain Intensity in Adults: A Systematic Literature Review. *J Pain Symptom Manage* 2011;41(6),1073-93.

<https://www.ncbi.nlm.nih.gov/pubmed/21621130>

Måleteori

Bland JM, Altman DG. Measurement error. *BMJ* 1996;313:744.

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2351401/?tool=pubmed>

Hobart JC, Cano SJ, Zajicek JP, Thompson AJ. Rating scales as outcome measures for clinical trials in neurology: problems, solutions, and recommendations. *Lancet Neurol* 2007; 6: 1094–105.

<http://www.ncbi.nlm.nih.gov/pubmed/18031706>

Terwee CB, Bot SD, de Boer MR, van der Windt DA, Knol DL, Dekker J, Bouter LM, de Vet HC. Quality criteria were proposed for measurement properties of health status questionnaires. *J Clin Epidemiol* 2007; 60: 34-42. <http://www.ncbi.nlm.nih.gov/pubmed/17161752?dopt=Citation>

Mokkink LB, Terwee CB, Patrick DL, Alonso J, Stratford PW, Knol DL, Bouter LM, de Vet HC. The COSMIN study reached international consensus on taxonomy, terminology, and definitions of measurement properties for health-related patientreported outcomes. *J Clin Epidemiol* 2010 Jul;63(7):737-45. <http://www.ncbi.nlm.nih.gov/pubmed/20494804?dopt=Citation>

Mancini M., Horak F. B. The relevance of clinical balance assessment tools to differentiate balance deficits European Journal of Physical and Rehabilitation Medicine 2010 June;46(2):239-48.
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3033730/>

Ostelo RW, Deyo RA, Stratford P, Waddell G, Croft P, Von Korff M, Bouter LM, de Vet HC. Interpreting change scores for pain and functional status in low back pain: towards international consensus regarding minimal important change. Spine 2008;33:90-94.
<http://www.ncbi.nlm.nih.gov/pubmed/18165753?dopt=Citation>

Mokkink LB, Terwee CB, Knol DL, Stratford PW, Jordi Alonso J, Donald L Patrick DL, Bouter LM, de Vet HCW. The COSMIN checklist for evaluating the methodological quality of studies on measurement properties: A clarification of its content. BMC Medical Research Methodology 2010, 10:22 <http://www.biomedcentral.com/1471-2288/10/22>

Strand LI, Anderson B, Lygren H, Skouen JS, Ostelo R, Magnussen LH. Responsiveness to change of 10 physical tests used for patients with back pain. Physical Therapy 2011; 91: 404-15.
<http://www.ncbi.nlm.nih.gov/pubmed/21273629?dopt=Citation>

Stratford PW, Riddle DL. When Minimal Detectable Change exceeds a Diagnostic Test-Based Threshold Change Value for an Outcome Measure: Resolving the Conflict. Phys Ther 2012; 92:1338-47. <http://www.ncbi.nlm.nih.gov/pubmed/22767887>

Tennant A, Conaghan PG. The Rasch Measurement Model in Rheumatology: What Is It and Why Use It? When Should It Be Applied, and What Should One Look for in a Rasch Paper? Arthritis & Rheumatism (Arthritis Care & Research) 2007; 57(8):1358–62. DOI 10.1002/art.23108
<https://www.ncbi.nlm.nih.gov/pubmed/18050173>

Tveter AT, Dagfinrud H, Moseng T, Holm I. Health-related physical fitness measures: reference values and reference equations for use in clinical practice. Arch Phys Med Rehabil 2014; 95: 1366-73.
<http://www.ncbi.nlm.nih.gov/pubmed/24607837>

WandBM, Chiffelle LA, O'Connell NE, McAuley JH, Desouza LH. Self-reported assessment of disability and performance-based assessment of disability are influenced by different patient characteristics in acute low back pain. Eur Spine J 2010;19:633-40.
<http://www.ncbi.nlm.nih.gov/pubmed/19851791?dopt=Citation>

Wild D, Grove A, Martin M, Eremenco S, McElroy S, Verjee-Lorenz A, Erikson P. Principles of Good Practice for the Translation and Cultural Adaptation Process for Patient-Reported Outcomes (PRO) Measures: report of the ISPOR Task Force for Translation and Cultural Adaptation. Value.Health 2005;8(2):94-104. <http://www.ncbi.nlm.nih.gov/pubmed/15804318?dopt=Citation>

Helserelatert livskvalitet

Ferrans CE, Zerwic JJ, Wilbur JE, Larson, JL. Conceptual Model of Health-Related Quality of Life. J Nursing Scholarship, 2005; 37; 4; 336-342. <http://www.ncbi.nlm.nih.gov/pubmed/16396406>

Observasjon som metode

Heath, C., Hindmarsh, J., & Luff, P. (2011). Video in Qualitative Research. Analyzing Social Interaction in Everyday Life. Chapter 1 (pp. 1-13) and 3 (pp. 37-60). London: SAGE Publications Ltd.

Patton MQ. Fieldwork Strategies and Observational Methods. I: Patton MQ. Qualitative Research & Evaluation Methods. 3rd ed. Thousand Oaks: Sage Publications; 2002: 259-332.

Steihaug S, Malterud K. Part Process Analysis: a qualitative method for studying provider - patient interaction. Scand J Public Health, 2003 (31):107-112.

<http://www.ncbi.nlm.nih.gov/pubmed/12745760?dopt=Citation>

Ohman A. Qualitative methodology for rehabilitation research. J Rehabil Med 2005; 37:273-80.

<http://www.ncbi.nlm.nih.gov/pubmed/16208859?dopt=Citation>

Øien AM, Iversen S, Steihaug S, Råheim M. (2010). Communication as negotiation processes in Long-Term physiotherapy: a Qualitative study. Scandinavian Journal of Caring Sciences, doi:10.1111/j.1471-6712.2010.00790.x

<http://www.ncbi.nlm.nih.gov/pubmed/20384974?dopt=Citation>