

Masterclass and Workshop

Implementing Complex Interventions in Health Care

7-9 November 2012



SUGGESTED LITERATURE

You are not expected to read or prepare materials before the sessions. However, we selected the following references that tie in with the course content, in case you want to familiarise yourself with the area of research. We organised these to match the course programme.

*In addition, you could choose to scan recent content of the open access journal *Implementation Science* (www.implementationscience.com).*

Implementation Science: introduction and concepts

- Grol R, Berwick DM, Wensing M. On the trail of quality and safety in health care. *BMJ* 2008;336:74-76.
- Wensing M, Bosch M, Grol R. Developing and selecting interventions for translating knowledge to action. *CMAJ* 2010; 182(2): E85-E88.
- Grimshaw JM, Eccles MP, Lavis JN, Hill SJ, Squires JE. Knowledge translation of research findings. *Implement Sci.* 2012 May 31;7:50.
- Grol RPTM, Bosch MC, Hulscher MEJL, Eccles MP, Wensing M. Planning and studying improvement in patient care. The use of theoretical perspectives. *The Milbank Quarterly* 2007; 85: 93-138.
- Grol R, Wensing M, Eccles M. *Improving patient care. The Implementation of change in clinical practice.* Elsevier, London, 2005. (NB new edition expected spring 2013)

Considering implementation strategies: aiming for effectiveness

- Cabana MD, Rand CS, Powe NR, Wu AW, Wilson MH, Abboud PA, Rubin HR. Why don't physicians follow clinical practice guidelines? A framework for improvement. *JAMA* 1999; 282: 1458-1465.
- Hulscher MEJL, Grol RPTM, van der Meer JWM. Antibiotic prescribing in hospitals: a social and behavioural scientific approach. *Lancet Infectious Diseases* 2010; 10: 167-175.
- EPOC taxonomy of quality improvement interventions. To be viewed at: <http://epoc.cochrane.org/information-specific-epoc-reviews>
- Abraham C, Michie S. A taxonomy of behavior change techniques used in interventions. *Health Psychol.* 2008 May;27(3):379-87.
- Boaz A, Baeza J, Fraser A; European Implementation Score Collaborative Group (EIS). Effective implementation of research into practice: an overview of systematic reviews of the health literature. *BMC Res Notes.* 2011 Jun 22;4:212.
- Boscart VM, Fernie GR, Lee JH, Jaglal SB. Using psychological theory to inform methods to optimize the implementation of a hand hygiene intervention. *Implement Sci.* 2012 Aug 28;7(1):77.
- Huis A, van Achterberg T, de Bruin M, Grol R, Schoonhoven L, Hulscher M. A systematic review of hand hygiene improvement strategies: a behavioural approach. *Implement Sci.* 2012 Sep 14;7(1):92.
- Van Bokhoven MA, Kok G, Van der Weijden T. Designing a quality improvement intervention: a systematic approach. *Qual Saf Health Care* 2003;12: 215-220.
- Looijmans-van den Akker I, Hulscher ME, Verheij TJM, Riphagen-Dalhuisen J, van Delden JJM, Hak E. How to develop a program to increase influenza vaccine uptake among workers in health care settings? *Implementation Science* 2011, 6:47. doi:10.1186/1748-5908-6-47.

Defining and measuring quality of care: performance indicators

- Campbell SM, Braspenning J, Hutchinson A, Marshall MN. Research methods used in developing and applying quality indicators in primary care. *BMJ* 2003 12;326(7393):816-9.
- Higashi T, Wenger NS, Adams JL, Fung C, Roland M, McGlynn EA, Reeves D, Asch SM, Kerr EA, Shekelle PG. Relationship between Number of Medical Conditions and Quality of Care. *N Engl J Med* 2007, 356;24: 2496.
- Doran T, Kontopantelis E, Fullwood C, Lester H, Valderas JM, Campbell S. Exempting dissenting patients from pay for performance schemes: retrospective analysis of exception reporting in the UK Quality and Outcomes Framework *BMJ* 2012, 344; e2405 doi: 10.1136/bmj.e2405
- Wennekes L, Ottevanger PB, Raemaekers JM, Schouten HC, de Kok MWE, Punt CJA, Grol RP, Wollersheim HC, Hermens RP. Development and Measurement of Guideline-Based Indicators for Patients With Non-Hodgkin's Lymphoma. *J Clin Oncol* 2011, 29:1436-1444.

Evaluation of implementation: designs and methods

- van Gaal BGI, Schoonhoven L, Hulscher MEJL, Mintjes JAJ, Borm GF, Koopmans RTCM, van Achterberg T. The design of the SAFE or SORRY? study: a cluster randomised trial on the development and testing of an evidence based inpatient safety program for the prevention of adverse events. *BMC Health Services Research* 2009, 9:58 (01 Apr 2009).
- Huis A, Schoonhoven L, Grol R, Borm G, Adang E, Hulscher M, van Achterberg T. Helping Hands: a cluster randomised trial to evaluate the effectiveness of two different strategies for promoting hand hygiene in hospital nurses. *Implementation Science* 2011; 6:101.
- Dreischulte T, Grant A, Donnan P, McCowan C, Davey P, Petrie D, Treweek S, Guthrie B. A cluster randomised stepped wedge trial to evaluate the effectiveness of a multifaceted information technology-based intervention in reducing high-risk prescribing of non-steroidal anti-inflammatory drugs and antiplatelets in primary medical care: the DQIP study protocol. *Implement Sci.* 2012 Mar 23;7:24. PMID:22444945.
- Hulscher MEJL, Laurant MGH, Grol RPTM. Process evaluation on quality improvement interventions. *Quality and Safety in Health Care* 2003; 12: 40-46.
- Schouten LMT, Niessen LW, van de Pas JWAM, Grol RPTM, Hulscher MEJL. Cost-Effectiveness of a Quality Improvement Collaborative Focusing on Patients With Diabetes. *Medical Care* 2010;48: 884-891.