Medicines in focus



Medication assessment at pre-admission for elective surgery

Fact Sheet References:

- Baggoley C, Owler B, Grigg M, et al. Expert panel review of elective surgery and emergency access targets under the National Partnership
 Agreement on Improving Public Hospital Services. Report to the Council of Australian Governments 30 June 2011. Canberra:
 Commonwealth of Australia; 2011.
 - Available from < http://www.coag.gov.au/docs/Expert_Panel_Report%20D0490.pdf>. Accessed January 2012.
- 2. Baggoley C, Owler B, Grigg M et al. Expert panel review of elective surgery and emergency access targets under the National Partnership Agreement on Improving Public Hospital Services: Supplementary annexure. Report to Report to the Council of Australian Governments August 2011. Canberra: Commonwealth of Australia; 2011.
 - Available from http://www.yourhealth.gov.au/internet/yourhealth/publishing.nsf/Content/Expert-Panel-Supplementary-Annexure/\$File/D0515 COAG%20Supplementary%20Annexure SECURED.pdf>. Accessed October 2011.
- 3. Australian Institute of Health and Welfare. Australian hospital statistics 2009-10. Health services series no. 40. Cat. no. HSE 107. Canberra: AIHW; 2011.
- 4. Australian Commission on Safety and Quality in Healthcare (ACSQHC). National safety and quality health service standards. Sydney: ACSQHC, 2011.
- 5. Roughead EE, Semple SJ. Review. Medication safety in acute care in Australia: where are we now? Part 1: a review of the extent and causes of medication problems 2002–2008. Aust New Zealand Health Policy. 2009; 6: 18. Published online 2009 August 11. doi: 10.1186/1743-8462-6-18. Available from < http://www.anzhealthpolicy.com/content/6/1/18>. Accessed October 2011.
- 6. Pass SE, Simpson RW. Discontinuation and reinstitution of medications during the perioperative period. Am J Health Syst Pharm 2004: 61: 899-914.
- 7. Queensland Government. Pre-admission clinic. Available athttp://www.health.qld.gov.au/pahospital/patients_visitors/preadmiss.asp.
- 8. Hick HL, Deady PE, Wright DJ, Silcock J. The impact of the pharmacist on an elective surgery pre-admission clinic. Pharm World Sci 2001; 23: 65-69.
- 9. Cao BY, Chow C, Elliott P, MacPherson RD, Crane J, Bajorek BV. Implementing a pharmacist charting service in the pre-admission clinic. J Pharm Pract Res 2011; 41: 102-7.
- 10. Marotti SB, Kerridge RK, Grimer MD. A randomised controlled trial of pharmacist medication histories and supplementary prescribing on medication errors in postoperative medication. Anaesth Intensive Care 2011; 39: 1064-1070.
- 11. George LJW, Senturk-Raif R, Hodgkinson MR, Emmerton M, Larmour I. Impact of a surgical pre-admission clinic pharmacist on the quality of medication management from preadmission to discharge: a randomised controlled study. J Pharm Pract Res 2011: 41: 212-16.
- 12. Kwan Y, Fernandes OA, Nagge JJ, Wong GG, Huh J, Hurn DA, Pond GR, Bajcar JM. Pharmacist medication assessments in a surgical preadmission clinic. Arch Intern Med 2007; 167: 1034-40.
- 13. Bond CA, Raehl CL. Clinical pharmacy services, pharmacy staffing, and hospital mortality rates. Pharmacotherapy 2007; 27: 481-93.
- 14. Borja-Lopetegi A, Webb DG, Bates I, Sharott P. Association between clinical medicines management services, pharmacy workforce and patient outcomes. Pharm World Sci 2008; 30: 411-50.
- 15. Bond CA, Raehl CL. 2006 National clinical pharmacy services survey: clinical pharmacy services, collaborative drug management, medication errors, and pharmacy technology. Pharmacotherapy 2008; 28: 1-13.
- 16. Bond CA, Raehl CL, Franke T. Clinical pharmacy services, hospital pharmacy staffing, and medication errors in the United States hospitals. Pharmacotherapy 2002; 22: 134-47.
- 17. Dooley MJ, Allen KM, Doecke CJ, Galbraith KJ, Taylor GR, Bright J, Carey DL. A prospective multicentre study of pharmacist initiated changes to drug therapy and patient management in acute care government funded hospitals. Br J Clin Pharmacol 2004; 57: 513–21. doi: 10.1046/j.1365-2125.2003.02029.x
- 18. Wilson SG, Tsui M, Tong N, Wilson DI, Chapman CB. Hospital pharmacy service provision in Australia-1998. Am J Health Syst Pharm 2000; 57: 677-80.
- 19. O'Leary KM, Allinson YM. Snapshot of the Australian public hospital pharmacy workforce in 2007 J Pharm Pract Res 2009; 39: 28-33.

- 20. Duguid M. The importance of medication reconciliation for patients and practitioners. Aust Prescr 2012; 35: 15-9.
- 21. The Society of Hospital Pharmacists of Australia. SHPA standards of practice for the provision of medication reconciliation. J Pharm Pract Res 2007; 37: 231-3.
- 22. Australian Pharmaceutical Advisory Council. Guiding principles to achieve continuity in medication management. Canberra: Commonwealth of Australia; 2005.
- 23. Australian Commission on Safety and Quality in Healthcare. Assuring Medication Accuracy at Transitions of Care: Medication Reconciliation. Available from https://www.safetyandquality.gov.au/internet/safety/publishing.nsf/Content/PriorityProgram-06_MedRecon Accessed October 2011.
- 24. Dooley MJ, Van de Vreede M, Tan E. Patient completed medication histories versus those obtained by a pharmacist in a pre-admission clinic. J Pharm Pract Res 2008: 38: 216-18.
- 25. Dionysopoulos D, Phillips CJ, Tomlin AC. [Letter]. Pharmacist service in a surgical preadmission clinic. J Pharm Pract Res 2011: 41: 75.
- 26. Carter MK, Allin DM, Scott LA, Grauer D. Pharmacist-acquired medication histories in a university hospital emergency department. Am J Health Syst Pharm 2006; 63: 2500-3.
- 27. Reeder TA, Mutnick A. Pharmacist-versus physician-obtained medication histories. Am J Health Syst Pharm 1008; 65: 857-60.
- 28. Stowasser DA, Collins DM, Stowasser M. A randomised controlled trial of medication liaison services- patient outcomes. J Pharm Pract Res 2002; 32: 133-40.
- 29. Taylor SE, Thompson B, Garrett K, et al. Comprehensive evaluation of the role of a clinical pharmacist in the emergency department. quality improvement funding final report. Victoria: Department of Human Services; 2003.
- 30. Personal communication Kerry Fitzsimons, Medication Safety Pharmacist, Fremantle Hospital and Health Service, 12/12/2011
- 31. Government of Western Australia Department of Health. WA Health Awards 2011. Available at http://www.health.wa.gov.au/wahealthconference/awards/patientjourney_award.cfm>. Accessed January 2012.
- 32. Chisholm-Burns MA, Lee JK, Spivey CA, Slack M, Herrier RN, Hall-Lipsy E, et al. US pharmacists' effect as team members on patient care. Systematic review and meta-analysis. Med Care 2010; 48: 923-33.
- 33. Duguid M, Cruickshank M, editors. Antimicrobial stewardship in Australian hospitals. Sydney: Australian Commission on Safety and Quality in Health Care; 2010.
- 34. The Society of Hospital Pharmacists of Australia Committee of Specialty Practice in Clinical Pharmacy. SHPA standards of practice in clinical pharmacy. J Pharm Pract Res 2005; 35: 122-46.
- 35. Harris L, Walters PA, Costello C. Effect of pharmaceutical pre-assessment on post-operative interventions. Int J Pharm Pract 2001; 9 (suppl): R32.
- 36. Hall T. Pharmacy practitioners: experiences from a pharmacist-led pain clinic. [Oral presentation]. Medicines Management 2011 the 37th SHPA national conference, 10-13 November, Hotel Grand Chancellor, Hobart.
- 37. Australian Commission on Safety and Quality in Health Care. Australian Safety and Quality Goals for Health Care. Consultation paper, (November). Sydney: ACSQHC, 2011.
- 38. Australian Commission on Safety and Quality in Healthcare. National medication management plan user guide. Sydney: ACSQHC; 2010.
- 39. Garling P. Final Report of the special commission of inquiry: acute care in NSW public hospitals. Volume 1. Sydney: NSW Government; 2008. Available from www.rdansw.com.au/sites/default/files/E_Volume1.pdf. Accessed November 2011.
- 40. Vasileff HM, Whitten LE, Pink JA, Goldsworthy SJ, Angley MT. The effect on medication errors of pharmacists charting medication in the emergency department. Pharm World Sci 2008. Doi 10.1007/s11096-008-9271-y.
- 41. Burda SA, Hobson D, Pronovost PJ. What is the patient really taking? Discrepancies between surgery and anaesthesiology preoperative medication histories. Qual Saf Health Care 2005; 14: 414-16.

FURTHER INFORMATION

The Society of Hospital Pharmacists of Australia

Mailing Address: PO Box 1774, Collingwood,

Victoria, 3066, Australia

Office Location: Suite 3, 65 Oxford Street, Collingwood

Victoria 3066 Australia E: shpa@shpa.org.au

T: (03) 9486 0177 (International + 61 3 9486 0177)

F: (03) 9486 0311 (International + 61 3 9486 0311)

Fact sheet endorsed by SHPA Federal Council February 2012

The Society of Hospital Pharmacists of Australia (SHPA) is the professional body which represents around 3,000 pharmacists, pharmacy technicians and associates practising in all parts of the Australian health system.

the shpa vision: Excellence in medicines management through leading edge pharmacy practice and research

the shpa mission includes: advocating for the safe and effective use of medicines across the continuum of care, partnering with key medicines stakeholders