

### Appendix 3. List of documents included in synthesis

#### **Published research reports**

- Anglely M, Ponniah AP, Spurling LK, et al. Feasibility and Timeliness of Alternatives to Post-Discharge Home Medicines Reviews for High-Risk Patients. *J Pharm Pract Res* 2011;41:27-32
- Anglely M, Ponniah AP, Spurling LK, et al. Alternatives to post-discharge HMRs for high-risk patients. *Aust J Pharm* 2011;92:76-79
- Barker A, Barlis P, Berlowitz D, et al. Pharmacist directed home medication reviews in patients with chronic heart failure: a randomised clinical trial. *Int J Cardiol* 2012;159:139-143.
- Bellone JM, Barner JC, Lopez DA. Postdischarge interventions by pharmacists and impact on hospital readmission rates. *J Am Pharm Assoc* 2012;52:358-362
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- Bollella G, Anglely MT, Pink JA, et al. Optimal level of liaison pharmacist intervention to facilitate a post-discharge home medicines review. *J Pharm Pract Res* 2008;38:107-110
- Daliri S, Hugtenburg JG, ter Riet G, et al. The effect of a pharmacy-led transitional care program on medication-related problems post-discharge: A before—After prospective study. *PLoS One* 2019;14:e0213593
- Carter SR, Moles R, White L, et al. Patients' willingness to use a pharmacist-provided medication management service: The influence of outcome expectancies and communication efficacy. *Res Soc Admin Pharm* 2012;8:487-498
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- Heaton PC, Frede S, Kordahi A, et al. Improving care transitions through medication therapy management: A community partnership to reduce readmissions in multiple health-systems. *J Am Pharm Assoc* 2019;59:319-328.

- Holland R, Lenaghan E, Harvey I, et al. Does home based medication review keep older people out of hospital? The HOMER randomised controlled trial. *BMJ* 2005;330:293-295.
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- Kelling S, Bright D, Sullivan D, et al. Preliminary results of community pharmacy transitions of care program for patients with managed Medicaid. *J Am Pharm Assoc* 2013;53:e67
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- Luder HR, Frede SM, Kirby JA, et al. TransitionRx: Impact of community pharmacy postdischarge medication therapy management on hospital readmission rate. *J Am Pharm Assoc* 2015;55:246-254.
- McMillan SS, Kelly F, Sav A, et al. Australian community pharmacy services: a survey of what people with chronic conditions and their carers use versus what they consider important. *BMJ Open* 2014;4:e006587
- Mantzourani E, Way CM, Hodson KL. Does an integrated information technology system provide support for community pharmacists undertaking Discharge Medicines Reviews? An exploratory study. *Integrated pharmacy research & practice*. 2017;6:145-156
- Mantzourani E, Nazar H, Phibben C, et al. Exploring the association of the discharge medicines review with patient hospital readmissions through national routine data linkage in Wales: a retrospective cohort study. *BMJ Open* 2020;10:e033551
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- Padhye V, Ponniah AP, Spurling LK, et al. Alternatives to Post-Discharge Home Medication Reviews for High-Risk Patients: Doctors' and Pharmacists' Views. *J Pharm Pract Res* 2012;42:273-277
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- Polinski JM, Moore JM, Kyrychenko P, et al. An insurer's care transition program emphasizes medication reconciliation, reduces readmissions and costs. *Health Aff* 2016;35:1222-1229
- Ponniah A, Shakib S, Doecke CJ, et al. Post-discharge medication reviews for patients with heart failure: A pilot study. *Pharm World Sci* 2008;30:810-815

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Shcherbakova N, Tereso G. Clinical pharmacist home visits and 30-day readmissions in Medicare Advantage beneficiaries. *J Eval Clin Pract* 2016;22:363-368

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Tedesco GW, McConaha JL, Skomo ML, et al. A pharmacist's impact on 30-day readmission rates when compared to the current standard of care within a patient-centered medical home. *J Pharm Pract* 2016;29:368-373

Tuttle KR, Alicic RZ, Short RA, et al. medication therapy management after hospitalization in CKD: A randomized clinical trial. *Clin J Am Soc Nephrol* 2018;13:231-241

van der Heijden A, de Bruijne MC, Nijpels G, et al. Cost-effectiveness of a clinical medication review in vulnerable older patients at hospital discharge, a randomized controlled trial. *Int J Clin Pharm* 2019;41:963-971

Yu K, Nguyen A, Shakib S, et al. Enhancing continuity of care in therapeutics: Development of a post-discharge home medicines review model. *J Pharm Pract Res* 2007;37:22-26

### Conference abstracts

Bhatti N, Devlin L, Farooq H, et al. Community pharmacists' experiences of managing patients' medicines after discharge from hospital: A preliminary study of discharge medicines use reviews (DMURs). *Int J of Pharm Pract* 2013;21:86-87

Corlett S, Goel P, Kothari S, et al. Are sufficient efforts being made by hospital pharmacy teams to encourage patients to access a Medicines Use review after discharge? *Int J Pharm Pract* 2014;22:8-9

Baqir W, Desai N, Harker N, et al. Can targeted Medicines Use Reviews support safe transfer of care from hospital to community? *Int J Pharm Pract* 2012;20:82-83

Evans A, Wheeler L, Hood K, et al. Is medicines support at discharge with follow up in community pharmacy for patients admitted to hospital with an acute exacerbation of COPD feasible? The PICMeUP Study. *Int J of Pharm Pract* 2013;21:37-38

Gwynn BF, Blenkinsopp A, Armitage G, et al. Missed opportunities: The role of community pharmacy after discharge from cardiology wards. *Int J Pharm Pract* 2014;22:7-8

Hodson K, James D, Smith M, et al. Evaluation of the discharge medicines review service in Wales: Community and hospital pharmacists' views. *Int J Pharm Pract* 2014;22:6

Lam MYY, Corlett SA, Dodds LJ. Poor uptake of dMURS is not the fault of hospital pharmacy services. *Pharmacoepidemiol Drug Saf* 2016;25:15-16

Veeran JC, Rogers PJ, Taylor ADJ, et al. Improving communication across the primary-secondary care interface: A survey of the attitudes and experiences of community pharmacists in England. *Int J Pharm Pract* 2019;27:9-10

### **Trial protocols**

Ahmad A, Hugtenburg J, Welschen LM, et al. Effect of medication review and cognitive behaviour treatment by community pharmacists of patients discharged from the hospital on drug related problems and compliance: design of a randomized controlled trial. *BMC Pub Health* 2010;10:133

Bernal DD, Stafford L, Bereznicki LR, et al. Home medicines reviews following acute coronary syndrome: study protocol for a randomized controlled trial. *Trials* 2012;13:30

Foot H, Freeman C, Hemming K, et al. Reducing Medical Admissions into Hospital through Optimising Medicines (REMAIN HOME) Study: Protocol for a stepped-wedge, cluster-randomised trial. *BMJ Open* 2017;7: e01530

### **Program evaluation reports**

Angle M. Implementing and evaluating a parallel post-discharge home medicines review (HMR) model. Pharmacy Guild of Australia, Canberra, Australia: 2015

Hodson K. Evaluation of the discharge medicines review service.: Cardiff University; Cardiff, UK :2014

Ellitt GR, Chen TF, Brien JA, et al. From hospital to community: a multidisciplinary 'continuity of care' model for cardiovascular patients, involving community pharmacists. Pharmacy Guild of Australia, Canberra, Australia: 2005

### **Review articles**

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Kooyman CD, Witry MJ. The developing role of community pharmacists in facilitating care transitions: A systematic review. *J Am Pharm Assoc* 2019;59:265-274

Lapointe-Shaw L, Bell CM, Austin PC, et al. Community pharmacy medication review, death and re-admission after hospital discharge: a propensity score-matched cohort study. *BMJ Qual Saf* 2020;29:41-51

McNab D, Bowie P, Ross A, et al. Systematic review and meta-analysis of the effectiveness of pharmacist-led medication reconciliation in the community after hospital discharge. *BMJ Qual Saf* 2018;27:308-320

Nazar H, Nazar Z, Portlock J, et al. A systematic review of the role of community pharmacies in improving the transition from secondary to primary care. *Br J Clin Pharmacol* 2015;80:936-948

Ponniah A, Anderson B, Shakib S, et al. Pharmacists' role in the post-discharge management of patients with heart failure: A literature review. *J Clin Pharm Ther* 2007;32:343-352

Rodrigues CR, Harrington AR, Murdock N, et al. Effect of Pharmacy-Supported Transition-of-Care Interventions on 30-Day Readmissions: A Systematic Review and Meta-analysis. *Ann Pharmacother* 2017;51:866-889

### **PhD Theses**

Bernal DDL. A randomised controlled trial of Home Medicines Reviews following acute coronary syndromes. University of Tasmania, Hobart, Australia; 2017

### **Policies and procedures**

Ministry of Health and Long-Term Care. Professional Pharmacy Services Guidebook 3.0. Ontario 2016

Pharmaceutical Society of Australia. Guidelines for pharmacists providing Home Medicines Review (HMR) services. 2011

Pharmaceutical Services Negotiating Committee. Medicines Use Review and Prescription Intervention Service. 2013