References

Chapter 15

- 1 Godman B, Shrank W, Andersen M, Berg C, Bishop I, Burkhardt T, et al. Policies to enhance prescribing efficiency in europe: findings and future implications. *Frontiers in Pharmacology*. 2010;1:141.
- 2 Hoffman JM, Li E, Doloresco F, Matusiak L, Hunkler RJ, Shah ND, et al. Projecting future drug expenditures in U.S. nonfederal hospitals and clinics 2013. *American Journal of Health System Pharmacy*. 2013;**70**(6):525–39.
- **3** Pharmaceutical Health Information System. PHIS Hospital Pharma Report. Austria, 2010.
- **4** Wood R, Stirling A, Nolan C, Chalmers J, Blair M. Trends in the coverage of 'universal' child health reviews: observational study using routinely available data. *British Medical Journal Open*. 2012;**2**(2):e000759.
- **5** OECD health statistics: http://stats.oecd.org/index. aspx?DataSetCode=HEALTH_STAT# (last accessed 18 November 2015).
- **6** World Health Organization. Health Topics: Hospitals 2014. Available from: http://www.who.int/topics/hospitals/en/ (last accesed 18 November 2015).
- **7** Davey P, Brown E, Fenelon L, Finch R, Gould I, Hartman G, et al. Interventions to improve antibiotic prescribing practices for hospital inpatients. *Cochrane Database of Systematic Reviews*. 2005(4):CD003543.
- **8** Halter M, Drennan V, Chattopadhyay K, Carneiro W, Yiallouros J, de Lusignan S, et al. The contribution of physician assistants in primary care: a systematic review. *BMC Health Services Research*. 2013;**13**:223–.
- **9** Gruen RL, Weeramanthri TS, Knight SE, Bailie RS. Specialist outreach clinics in primary care and rural hospital settings. *Cochrane Database Of Systematic Reviews*. 2004(1):CD003798.
- **10** Pharmacoepidemiological Research on Outcomes of Therapeutics by a European ConsorTium (PRO-

- TECT). Drug Consumption Databases in Europe. London, 2013.
- **11** Beaulieu M-D, Rioux M, Rocher G, Samson L, Boucher L. Family practice: professional identity in transition. A case study of family medicine in Canada. *Social Science & Medicine*. 2008;**67**(7):1153–63.
- **12** Halvorsen JG. Perspective: united we stand, divided we fall: the case for a single primary care specialty in the United States. *Academic Medicine*. 2008;**83**(5):425–31.
- **13** Matsumoto M, Inoue K, Farmer J, Inada H, Kajii E. Geographic distribution of primary care physicians in Japan and Britain. *Health & Place*. 2010;**16**(1):164–6.
- **14** Moosa S, Downing R, Mash B, Reid S, Pentz S, Essuman A. Understanding of family medicine in Africa: a qualitative study of leaders' views. *British Journal of General Practice*. 2013;**63**(608):e209–16.
- 15 Oleszczyk M, Svab I, Seifert B, Krztoń-Królewiecka A, Windak A. Family medicine in post-communist Europe needs a boost. Exploring the position of family medicine in healthcare systems of Central and Eastern Europe and Russia. *BMC Family Practice*. 2012;13:15–.
- **16** Ventres WB. The emergence of primary care in Latin America: reflections from the field. *Journal of the American Board of Family Medicine*. 2013;**26**(2):183–6.
- 17 Hoffman JM, Li E, Doloresco F, Matusiak L, Hunkler RJ, Shah ND, et al. Projecting future drug expenditures 2012. *American Journal of Health System Pharmacy*. 2012;**69**(5):405–21.
- **18** Yu X, Li C, Shi Y, Yu M. Pharmaceutical supply chain in China: current issues and implications for health system reform. *Health Policy*. 2010;**97**(1):8–15.
- **19** Tarn YH, Hu S, Kamae I, Yang BM, Li SC, Tangcharoensathien V, et al. Health-care systems and pharmacoeconomic research in Asia-Pacific region. *Value in Health*. 2008;**11**(Suppl. 1):S137–55.

- **20** Sun Q, Santoro MA, Meng Q, Liu C, Eggleston K. Pharmaceutical policy in China. *Health Affairs*. 2008;**27**(4):1042–50.
- **21** Berdot S, Gillaizeau F, Caruba T, Prognon P, Durieux P, Sabatier B. Drug administration errors in hospital inpatients: a systematic review. *PLoS ONE*. 2013;**8**(6):e68856.
- **22** Khan LM. Comparative epidemiology of hospital-acquired adverse drug reactions in adults and children and their impact on cost and hospital stay a systematic review. *European Journal of Clinical Pharmacology*. 2013;**69**(12):1985–96.
- **23** Kongkaew C, Noyce PR, Ashcroft DM. Hospital admissions associated with adverse drug reactions: a systematic review of prospective observational studies. *Annals of Pharmacotherapy*. 2008;**42**(7):1017–25.
- **24** Winterstein AG, Sauer BC, Hepler CD, Poole C. Preventable drug-related hospital admissions. *Annals of Pharmacotherapy*. 2002;**36**(7–8):1238–48.
- **25** Langner I, Selke GW. *Arzneitherapie (Gut beraten klug verordnen)*. Berlin, Wissenschaftliches Institut der AOK. 2011.
- **26** Pehe C. Pharmaceutical check a paradigm of AOK Rheinland/Hamburg for the securing of the safety of pharmacotherapy. 20th Annual Meeting of the German Drug Utilisation Research Group (GAA), Düsseldorf, 2013.
- 27 Hurding S, MacBride-Stewart S. National Therapeutic Indicators 2013 – Baseline Report. Edinburgh, 2013.
- 28 Instituut voor Verantwoord Medicijngebruik, Dutch Institute for Rational Use of Medicine. Monitor Voorschrijfgedrag Huisartsen. The Netherlands, 2013.
- 29 All Wales Medicines Strategy Group. National Prescribing Indicators 2014–2015. Wales, 2014.
- 30 Health and Social Care Information Centre. QIPP Prescribing Comparators (2013/14). England, 2013.
- **31** Swedish Association of Local Authorities and Regions. Quality and Efficiency in Swedish Health Care. Sweden, 2010.
- **32** National Prescribing Services Ltd. Indicators of Quality Prescribing in Australian General Practice. Australia, 2006.
- **33** Sandhu SK, Chu J, Yurkovich M, Harriman D, Taraboanta C, Fitzgerald JM. Variations in the management of acute exacerbations of chronic obstructive pulmonary disease. *Canadian Respiratory Journal*. 2013;**20**(3):175–9.

- **34** Wijayaratne K, Wilson J, Sivakumaran P, Sriram KB. Differences in care between general medicine and respiratory specialists in the management of patients hospitalized for acute exacerbations of chronic obstructive pulmonary disease. *Annals of Thoracic Medicine*. 2013;**8**(4):197–203.
- **35** Nawata S, Yamauchi K, Ikegami N. Factors related to prescription dosage in Japanese psychiatric hospitals. *Psychiatry and Clinical Neurosciences*. 2005;**59**(1):70–6.
- **36** Plet H, Hallas J, Kjeldsen L. Adherence to hospital drug formularies and cost of drugs in hospitals in Denmark. *European Journal of Clinical Pharmacology*. 2013;**69**(10):1837–43.
- 37 Hjerpe P, Ohlsson H, Lindblad U, Boström KB, Merlo J. Understanding adherence to therapeutic guidelines: a multilevel analysis of statin prescription in the Skaraborg Primary Care Database. European Journal of Clinical Pharmacology. 2011;67(4):415–23.
- **38** Bjerrum L, Bergman U. Wide variation in the number of different drugs prescribed by general practitioners: a prescription database study. *Scandinavian Journal of Primary Health Care*. 2000;**18**(2):94–8.
- **39** Reshetko OV, Furman NV, Magdeev RM. The structure of drug prescription in acute coronary syndrome without ST segment elevation on the first day of hospital therapy. *Rational Pharmacotherapy in Cardiology*. 2009;**2**:8–17.
- **40** Gendel I, Azzam ZS, Braun E, Levy Y, Krivoy N. Antibiotic utilization prevalence: prospective comparison between two medical departments in a tertiary care university hospital. *Pharmacoepidemiology and Drug Safety.* **2004**;**13**(10):735–9.
- 41 Vlahović-Palčevski V, Dumpis U, Mitt P, Gulbinovič J, Struwe J, Palčevski G, et al. Benchmarking antimicrobial drug use at university hospitals in five European countries. Clinical Microbiology and Infection. 2007;13(3):277–83.
- **42** Wettermark B, Pehrsson A, Jinnerot D, Bergman U. Drug utilisation 90% profiles a useful tool for quality assessment of prescribing in primary health care in Stockholm. *Pharmacoepidemiology and Drug Safety*. 2003;**12**(6):499–510.
- **43** Coste J, Venot A. An epidemiologic approach to drug prescribing quality assessment: a study in primary care practice in France. *Medical Care*. 1999;**37**(12):1294–307.

- **44** Eguale T, Buckeridge DL, Winslade NE, Benedetti A, Hanley JA, Tamblyn R. Drug, patient, and physician characteristics associated with off-label prescribing in primary care. *Archives of Internal Medicine*. 2012;**172**(10):781–8.
- 45 Guthrie B, McCowan C, Davey P, Simpson CR, Dreischulte T, Barnett K. High risk prescribing in primary care patients particularly vulnerable to adverse drug events: cross sectional population database analysis in Scottish general practice. *British Medical Journal (Overseas & Retired Doctors Edition)*. 2011;342:d3514.
- **46** Schaff RL, Schumock GT, Nadzam DM. Development of the Joint Commission's indicators for monitoring the medication use system. *Hospital Pharmacy*. 1991;**26**(4):326–9.
- **47** NSW Therapeutic Advisory Group Inc. Indicators for Quality Use of Medicines in Australian Hospitals. Darlinghurst, 2007.
- **48** Al-Mohamadi A, Al-Harbi AM, Manshi AM, Rak-kah MM. Medications prescribing pattern toward insured patients. *Saudi Pharmaceutical Journal*. 2014;**22**(1):27–31.
- **49** Visca M, Donatini A, Gini R, Federico B, Damiani G, Francesconi P, et al. Group versus single handed primary care: a performance evaluation of the care delivered to chronic patients by Italian GPs. *Health Policy*. 2013;**113**(1–2):188–98.
- **50** Rashed AN, Neubert A, Tomlin S, Jackman J, Alhamdan H, AlShaikh A, et al. Epidemiology and potential associated risk factors of drug-related problems in hospitalised children in the United Kingdom and Saudi Arabia. *European Journal of Clinical Pharmacology*. 2012;**68**(12):1657–66.
- **51** Simon D, Detournay B, Eschwege E, Bouée S, Bringer J, Attali C, et al. Use of vildagliptin in management of type 2 diabetes: effectiveness, treatment persistence and safety from the 2-year real-life VILDA study. *Diabetes Therapy*. 2014;**5**(1):207–24.
- **52** Priest P, Yudkin P, McNulty C, Mant D. Antibacterial prescribing and antibacterial resistance in English general practice: cross sectional study. *British Medical Journal (Clinical Research Edition)*. 2001;**323**(7320):1037–41.
- 53 Maison P, Desamericq G, Hemery F, Elie N, Del'volgo A, Dubois-Randé JL, et al. Relationship between

- recommended chronic heart failure treatments and mortality over 8 years in real-world conditions: a pharmacoepidemiological study. *European Journal of Clinical Pharmacology*. 2013;**69**(4):901–8.
- **54** Fortin-Pellerin E, Petersen C, Lefebvre F, Barrington KJ, Janvier A. Evolving neonatal steroid prescription habits and patient outcomes. *Acta Paediatrica*. 2013;**102**(8):799–804.
- 55 Chang AM, Ho JCS, Yan BP, Yu CM, Lam YY, Lee VWY. Cost-effectiveness of dabigatran compared with warfarin for stroke prevention in patients with atrial fibrillation a real patient data analysis in a Hong Kong teaching hospital. *Clinical Cardiology*. 2013;36(5):280–5.
- 56 Tamblyn R, McLeod P, Hanley JA, Girard N, Hurley J. Physician and practice characteristics associated with the early utilization of new prescription drugs. *Medical Care*. 2003;41(8):895–908.
- 57 Dybdahl T, Andersen M, Kragstrup J, Kristiansen IS, Sondergaard J. General practitioners' adoption of new drugs and previous prescribing of drugs belonging to the same therapeutic class: a pharmacoepidemiological study. *British Journal of Clinical Pharmacology*. 2005;60(5):526–33.
- **58** Ohlsson H, Chaix B, Merlo J. Therapeutic traditions, patient socioeconomic characteristics and physicians' early new drug prescribing a multilevel analysis of rosuvastatin prescription in south Sweden. *European Journal of Clinical Pharmacology*. 2009;**65**(2):141–50.
- **59** Pichetti S, Sermet C, Godman B, Campbell SM, Gustafsson LL. Multilevel analysis of the influence of patients' and general practitioners' characteristics on patented versus multiple-sourced statin prescribing in France. *Applied Health Economics and Health Policy*. 2013;**11**(3):205–18.
- **60** Schwabe U, Paffrath D. (eds.) Arzneiverordnungs-Report 2013. Springer eBooks, 2013.
- **61** All Wales Medicines Strategy Group. Therapeutic Priorities and Clinical Effectiveness Prescribing Programme Summary 2014–2015.
- **62** Zagorodnikova K, Goryachkina K. Clinical Studies on Drug Treatment of Hospitalised Patients: General Infectious Diseases and Acute Myocardial Infarction. Huddinge, Karolinska Institutet, 2013.