References

Chapter 17

1 Kearns GL, Abdel-Rahman SM, Alander SW, Blowey DL, Leeder JS, Kauffman RE. Developmental pharmacology – drug disposition, action, and therapy in infants and children. *New England Journal of Medicine.* 2003;**349**(12):1157–67.

2 Mangoni AA, Jackson SH. Age-related changes in pharmacokinetics and pharmacodynamics: basic principles and practical applications. *British Journal of Clinical Pharmacology.* 2004;**57**(1):6–14.

3 Van Spall HC, Toren A, Kiss A, Fowler RA. Eligibility criteria of randomized controlled trials published in high-impact general medical journals: a systematic sampling review. *Journal of the American Medical Association.* 2007;**297**(11):1233–40.

4 Johnson RE, Mullooly JP, Greenlick MR. Morbidity and medical care utilization of old and very old persons. *Health Services Research.* 1990;**25**(4):639–65.

5 Xu KT. Financial disparities in prescription drug use between elderly and nonelderly Americans. *Health Affairs (Project Hope).* 2003;**22**(5):210–21.

6 Maison P, Cunin P, Hemery F, Fric F, Elie N, Del'volgo A, et al. Utilisation of medications recommended for chronic heart failure and the relationship with annual hospitalisation duration in patients over 75 years of age: a pharmacoepidemiological study. *European Journal of Clinical Pharmacology.* 2005;**61**(5–6):445–51.

7 Kvan E, Pettersen KI, Landmark K, Reikvam A. Treatment with statins after acute myocardial infarction in patients > or = 80 years: underuse despite general acceptance of drug therapy for secondary prevention. *Pharmacoepidemiology and Drug Safety.* 2006;**15**(4):261–7.

8 Wastesson JW, Parker MG, Fastbom J, Thorslund M, Johnell K. Drug use in centenarians compared with nonagenarians and octogenarians in Sweden: a nationwide register-based study. *Age and Ageing.* 2012;**41**(2):218–24.

9 Maust DT, Oslin DW, Marcus SC. Effect of age on the profile of psychotropic users: results from the 2010 National Ambulatory Medical Care Survey. *Journal of the American Geriatrics Society.* 2014;**62**(2):358–64.

10 Athanasopoulos C, Pitychoutis PM, Messari I, Lionis C, Papadopoulou-Daifoti Z. Is drug utilization in Greece sex dependent? A population-based study. *Basic & Clinical Pharmacology & Toxicology.* 2013;**112**(1):55–62.

11 Manteuffel M, Williams S, Chen W, Verbrugge RR, Pittman DG, Steinkellner A. Influence of patient sex and gender on medication use, adherence, and prescribing alignment with guidelines. *Journal of Women's Health.* 2014;**23**(2):112–19.

12 Loikas D, Wettermark B, von Euler M, Bergman U, Schenck-Gustafsson K. Differences in drug utilisation between men and women: a cross-sectional analysis of all dispensed drugs in Sweden. *British Medical Journal Open.* 2013;**3**(5).

13 Regitz-Zagrosek V, ed. *Sex and Gender Differences in Pharmacology.* Rotterdam, Springer, 2012.

14 Barford A, Dorling D, Davey Smith G, Shaw M. Life expectancy: women now on top everywhere. *British Medical Journal (Clinical Research Edition).* 2006;**332**(7545):808.

15 Olsen KM, Dahl SA. Health differences between European countries. *Social Science & Medicine.* 2007;**64**(8):1665–78.

16 Schenck-Gustafsson K, ed. *Handbook of Clinical Gender Medicine.* Basel, Karger, 2012.

17 McHugh RK, Whitton SW, Peckham AD, Welge JA, Otto MW. Patient preference for psychological vs pharmacologic treatment of psychiatric disorders: a meta-analytic review. *Journal of Clinical Psychiatry.* 2013;**74**(6):595–602.

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Published 2016 by John Wiley & Sons, Ltd.

18 Empereur F, Baumann M, Alla F, Briancon S. Factors associated with the consumption of psychotropic drugs in a cohort of men and women aged 50 and over. *Journal of Clinical Pharmacy and Therapeutics.* 2003;**28**(1):61–8.

19 Vaidya V, Partha G, Karmakar M. Gender differences in utilization of preventive care services in the United States. *Journal of Women's Health.* 2012;**21**(2):140–5.

20 Pinkhasov RM, Wong J, Kashanian J, Lee M, Samadi DB, Pinkhasov MM, et al. Are men shortchanged on health? Perspective on health care utilization and health risk behavior in men and women in the United States. *International Journal of Clinical Practice.* 2010;**64**(4):475–87.

21 Tabenkin H, Goodwin MA, Zyzanski SJ, Stange KC, Medalie JH. Gender differences in time spent during direct observation of doctor-patient encounters. *Journal of Women's Health.* 2004;**13**(3):341–9.

22 Banks I, Baker P. Men and primary care: improving access and outcomes. *Trends in Urology & Men's Health.* 2013;**4**(5):39–41.

23 Landmark CJ, Fossmark H, Larsson PG, Rytter E, Johannessen SI. Prescription patterns of antiepileptic drugs in patients with epilepsy in a nation-wide population. *Epilepsy Research.* 2011;95(1–2):51–9.

24 Crawford PM. Managing epilepsy in women of childbearing age. *Drug Safety.* 2009;**32**(4):293–307.

25 Bucholz EM, Butala NM, Rathore SS, Dreyer RP, Lansky AJ, Krumholz HM. Sex differences in long-term mortality after myocardial infarction: a systematic review. *Circulation.* 2014;**130**(9):757–67.

26 Khan NA, Daskalopoulou SS, Karp I, Eisenberg MJ, Pelletier R, Tsadok MA, et al. Sex differences in acute coronary syndrome symptom presentation in young patients. *Journal of the American Medical Association: Internal Medicine.* 2013;**173**(20):1863–71.

27 Robison RJ, Reimherr FW, Marchant BK, Faraone SV, Adler LA, West SA. Gender differences in 2 clinical trials of adults with attention-deficit/hyperactivity disorder: a retrospective data analysis. *Journal of Clinical Psychiatry.* 2008;**69**(2):213–21.

28 Kovess-Masfety V, Boyd A, van de Velde S, de Graaf R, Vilagut G, Haro JM, et al. Are there gender differences in service use for mental disorders across countries in the European Union? Results from the EU-World Mental Health survey. *Journal of Epidemiology and Community Health.* 2014;**68**(7):649–56.

29 Klungel OH, de Boer A, Paes AH, Seidell JC, Bakker A. Sex differences in antihypertensive drug use: determinants of the choice of medication for hypertension. *Journal of Hypertension.* 1998;**16**(10):1545–53.

30 Essebag V, Reynolds MR, Hadjis T, Lemery R, Olshansky B, Buxton AE, et al. Sex differences in the relationship between amiodarone use and the need for permanent pacing in patients with atrial fibrillation. *Archives of Internal Medicine.* 2007;**167**(15):1648–53.

31 Hippisley-Cox J, Coupland C. Unintended effects of statins in men and women in England and Wales: population based cohort study using the QResearch database. *British Medical Journal (Clinical Research Edition).* 2010;**340**:c2197.

32 Roden DM. Drug-induced prolongation of the QT interval. *New England Journal of Medicine.* 2004;**350**(10):1013–22.

33 Journath G, Hellenius ML, Petersson U, Theobald H, Nilsson PM. Sex differences in risk factor control of treated hypertensives: a national primary healthcare-based study in Sweden. *European Journal of Cardiovascular Prevention and Rehabilitation.* 2008;**15**(3):258–62.

34 Schwartz JB. The current state of knowledge on age, sex, and their interactions on clinical pharmacology. *Clinical Pharmacology and Therapeutics.* 2007;**82**(1):87–96.

35 Wettermark B, Persson A, von Euler M. Secondary prevention in a large stroke population: a study of patients' purchase of recommended drugs. *Stroke.* 2008;**39**(10):2880–5.

36 Camm AJ, Lip GY, De Caterina R, Savelieva I, Atar D, Hohnloser SH, et al. 2012 focused update of the ESC Guidelines for the management of atrial fibrillation: an update of the 2010 ESC Guidelines for the management of atrial fibrillation. Developed with the special contribution of the European Heart Rhythm Association. *European Heart Journal.* 2012;**33**(21):2719–47.

37 Salokangas RK. Gender and the use of neuroleptics in schizophrenia. *Schizophrenia Research.* 2004;**66**(1):41–9.

38 Gu Q, Burt VL, Paulose-Ram R, Dillon CF. Gender differences in hypertension treatment, drug utilization patterns, and blood pressure control among US adults with hypertension: data from the National Health

and Nutrition Examination Survey 1999–2004. *American Journal of Hypertension.* 2008;**21**(7):789–98.

39 Helfand BT, Evans RM, McVary KT. A comparison of the frequencies of medical therapies for overactive bladder in men and women: analysis of more than 7.2 million aging patients. *European Urology.* 2010;**57**(4):586–91.

40 Goodman M, Patil U, Steffel L, Avedon J, Sasso S, Triebwasser J, et al. Treatment utilization by gender in patients with borderline personality disorder. *Journal of Psychiatric Practice.* 2010;**16**(3):155–63.

41 von Soest T, Bramness JG, Pedersen W, Wichstrom L. The relationship between socio-economic status and antidepressant prescription: a longitudinal survey and register study of young adults. *Epidemiology and Psychiatric Sciences.* 2012;**21**(1):87–95.

42 Henricson K, Carlsten A, Ranstam J, Rametsteiner G, Stenberg P, Wessling A, et al. Utilisation of codeine and propoxyphene: geographic and demographic variations in prescribing, prescriber and recipient categories. *European Journal of Clinical Pharmacology.* 1999;**55**(8):605–11.

43 Henricson K, Stenberg P, Rametsteiner G, Ranstam J, Hanson BS, Melander A. Socioeconomic factors, morbidity and drug utilization – an ecological study. *Pharmacoepidemiology and Drug Safety.* 1998;**7**(4):261–7.

44 Weitoft GR, Rosen M, Ericsson O, Ljung R. Education and drug use in Sweden – a nationwide register-based study. *Pharmacoepidemiology and Drug Safety.* 2008;**17**(10):1020–8.

45 Melander E, Nissen A, Henricson K, Merlo J, Molstad S, Kampmann JP, et al. Utilisation of antibiotics in young children: opposite relationships to adult educational levels in Danish and Swedish counties. *European Journal of Clinical Pharmacology.* 2003;**59**(4):331–5.

46 Haider SI, Johnell K, Weitoft GR, Thorslund M, Fastbom J. The influence of educational level on polypharmacy and inappropriate drug use: a register-based study of more than 600 000 older people. *Journal of the American Geriatrics Society.* 2009;**57**(1):62–9.

47 Liou WS, Hsieh SC, Chang WY, Wu GH, Huang HS, Lee C. Brand name or generic? What are the health professionals prescribed for treating diabetes? A longitudinal analysis of the National Health Insurance reimbursement database. *Pharmacoepidemiology and Drug Safety.* 2013;**22**(7):752–9.

48 Bhopal R. Revisiting race/ethnicity as a variable in health research. *American Journal of Public Health.* 2002;**92**(2):156–7.

49 Sproston KA, Pitson LB, Walker E. The use of primary care services by the Chinese population living in England: examining inequalities. *Ethnicity & Health.* 2001;**6**(3–4):189–96.

50 Mayberry RM, Mili F, Ofili E. Racial and ethnic differences in access to medical care. *Medical Care Research and Review.* 2000;**57**(Suppl. 1):108–45.

51 Fiscella K, Franks P, Doescher MP, Saver BG. Disparities in health care by race, ethnicity, and language among the insured: findings from a national sample. *Medical Care.* 2002;**40**(1):52–9.

52 Yu SM, Huang ZJ, Singh GK. Health status and health services utilization among US Chinese, Asian Indian, Filipino, and other Asian/Pacific Islander Children. *Pediatrics.* 2004;**113**(1 Pt 1):101–7.

53 Quan H, Fong A, De Coster C, Wang J, Musto R, Noseworthy TW, et al. Variation in health services utilization among ethnic populations. *Canadian Medical Association Journal.* 2006;**174**(6):787–91.

54 Gaskin DJ, Briesacher BA, Limcangco R, Brigantti BL. Exploring racial and ethnic disparities in prescription drug spending and use among Medicare beneficiaries. *American Journal of Geriatric Pharmacotherapy.* 2006;**4**(2):96–111.

55 Jatrana S, Crampton P, Norris P. Ethnic differences in access to prescription medication because of cost in New Zealand. *Journal of Epidemiology and Community Health.* 2011;**65**(5):454–60.

56 Bakken K, Melhus M, Lund E. Use of hypnotics in Sami and non-Sami populations in northern Norway. *International Journal of Circumpolar Health.* 2006;**65**(3):261–70.

57 Lesen E, Andersson K, Petzold M, Carlsten A. Socioeconomic determinants of psychotropic drug utilisation among elderly: a national population-based cross-sectional study. *BMC Public Health.* 2010;**10**:118.

58 Pulkki-Raback L, Kivimaki M, Ahola K, Joutsenniemi K, Elovainio M, Rossi H, et al. Living alone and antidepressant medication use: a prospective study in a working-age population. *BMC Public Health.* 2012;**12**:236.

59 Nielsen MW, Hansen EH, Rasmussen NK. Patterns of psychotropic medicine use and related diseases across educational groups: national cross-sectional

survey. *European Journal of Clinical Pharmacology.* 2004;**60**(3):199–204.

60 Stocks NP, Ryan P, McElroy H, Allan J. Statin prescribing in Australia: socioeconomic and sex differences: a cross-sectional study. *Medical Journal of Australia.* 2004;**180**(5):229–31.

61 Brunoni AR, Nunes MA, Figueiredo R, Barreto SM, da Fonseca Mde J, Lotufo PA, et al. Patterns of benzodiazepine and antidepressant use among middle-aged adults. the Brazilian longitudinal study of adult health (ELSA-Brasil). *Journal of Affective Disorders.* 2013;**151**(1):71–7.

62 Opolka JL, Rascati KL, Brown CM, Gibson PJ. Ethnicity and prescription patterns for haloperidol, risperidone, and olanzapine. *Psychiatric Services.* 2004;**55**(2):151–6.

63 Hedemalm A, Schaufelberger M, Ekman I. Equality in the care and treatment of immigrants and native Swedes – a comparative study of patients hospitalised for heart failure. *European Journal of Cardiovascular Nursing.* 2008;**7**(3):222–8.

64 Gorecka K, Linhartova A, Vlcek J, Tilser I. Cardiovascular drug utilisation and socio-economic inequalities in 20 districts of the Czech Republic. *European Journal of Clinical Pharmacology.* 2005;**61**(5–6):417–23.

65 Hamann J, Langer B, Leucht S, Busch R, Kissling W. Medical decision making in antipsychotic drug choice for schizophrenia. *American Journal of Psychiatry.* 2004;**161**(7):1301–4.

66 Christian AH, Mills T, Simpson SL, Mosca L. Quality of cardiovascular disease preventive care and physician/practice characteristics. *Journal of General Internal Medicine.* 2006;**21**(3):231–7.

67 Turchin A, Shubina M, Chodos AH, Einbinder JS, Pendergrass ML. Effect of board certification on antihypertensive treatment intensification in patients with diabetes mellitus. *Circulation.* 2008;**117**(5):623–8.

68 Journath G, Hellenius ML, Manhem K, Kjellgren KI, Nilsson PM. Association of physician's sex with risk factor control in treated hypertensive patients from Swedish primary healthcare. *Journal of Hypertension.* 2008;**26**(10):2050–6.

69 Kim C, McEwen LN, Gerzoff RB, Marrero DG, Mangione CM, Selby JV, et al. Is physician gender associated with the quality of diabetes care? *Diabetes Care.* 2005;**28**(7):1594–8.

70 Duetz MS, Schneeweiss S, Maclure M, Abel T, Glynn RJ, Soumerai SB. Physician gender and changes in drug prescribing after the implementation of reference pricing in British Columbia. *Clinical Therapeutics.* 2003;**25**(1):273–84.

71 Chin MH, Friedmann PD, Cassel CK, Lang RM. Differences in generalist and specialist physicians' knowledge and use of angiotensin-converting enzyme inhibitors for congestive heart failure. *Journal of General Internal Medicine.* 1997;**12**(9):523–30.

72 Ayanian JZ, Hauptman PJ, Guadagnoli E, Antman EM, Pashos CL, McNeil BJ. Knowledge and practices of generalist and specialist physicians regarding drug therapy for acute myocardial infarction. *New England Journal of Medicine.* 1994;**331**(17):1136–42.

73 Franks P, Bertakis KD. Physician gender, patient gender, and primary care. *Journal of Women's Health.* 2003;**12**(1):73–80.

74 Flocke SA, Gilchrist V. Physician and patient gender concordance and the delivery of comprehensive clinical preventive services. *Medical Care.* 2005;**43**(5):486–92.

75 Conway PH, Edwards S, Stucky ER, Chiang VW, Ottolini MC, Landrigan CP. Variations in management of common inpatient pediatric illnesses: hospitalists and community pediatricians. *Pediatrics.* 2006;**118**(2):441–7.

76 Choudhry NK, Fletcher RH, Soumerai SB. Systematic review: the relationship between clinical experience and quality of health care. *Annals of Internal Medicine.* 2005;**142**(4):260–73.

77 Vancheri F, Strender LE, Montgomery H, Skaner Y, Backlund LG. Coronary risk estimates and decisions on lipid-lowering treatment in primary prevention: comparison between general practitioners, internists, and cardiologists. *European Journal of Internal Medicine.* 2009;**20**(6):601–6.

78 Muth C, Kirchner H, van den Akker M, Scherer M, Glasziou PP. Current guidelines poorly address multimorbidity: pilot of the interaction matrix method. *Journal of Clinical Epidemiology.* 2014;**67**(11):1242–50.

79 Fried TR, O'Leary J, Towle V, Goldstein MK, Trentelange M, Martin DK. The effects of comorbidity on the benefits and harms of treatment for chronic disease: a systematic review. *PLoS ONE.* 2014;**9**(11):e112593.

80 Pedan A, Varasteh L, Schneeweiss S. Analysis of factors associated with statin adherence in a hierarchical model considering physician, pharmacy, patient, and prescription characteristics. *Journal of Managed Care Pharmacy.* 2007;**13**(6):487–96.

81 Egan M, Wolfson C, Moride Y, Monette J. Do patient factors alter the relationship between physician characteristics and use of long-acting benzodiazepines? *Journal of Clinical Epidemiology.* 2000;**53**(11):1181–7.

82 Thornton RL, Powe NR, Roter D, Cooper LA. Patient-physician social concordance, medical visit communication and patients' perceptions of health care quality. *Patient Education and Counseling.* 2011;**85**(3):e201–8.

83 Jerant A, Bertakis KD, Fenton JJ, Tancredi DJ, Franks P. Patient-provider sex and race/ethnicity concordance: a national study of healthcare and outcomes. *Medical Care.* 2011;**49**(11):1012–20.

84 Traylor AH, Schmittdiel JA, Uratsu CS, Mangione CM, Subramanian U. Adherence to cardiovascular disease medications: does patient-provider race/ethnicity and language concordance matter? *Journal of General Internal Medicine.* 2010;**25**(11):1172–7.

85 Traylor AH, Schmittdiel JA, Uratsu CS, Mangione CM, Subramanian U. The predictors of patient-physician race and ethnic concordance: a medical facility fixed-effects approach. *Health Services Research.* 2010;**45**(3):792–805.

86 McAlearney AS, Oliveri JM, Post DM, Song PH, Jacobs E, Waibel J, et al. Trust and distrust among Appalachian women regarding cervical cancer screening: a qualitative study. *Patient Education and Counseling.* 2012;**86**(1):120–6.

87 Ports KA, Barnack-Tavlaris JL, Syme ML, Perera RA, Lafata JE. Sexual health discussions with older adult patients during periodic health exams. *Journal of Sexual Medicine.* 2014;**11**(4):901–8.

88 Schmittdiel JA, Traylor A, Uratsu CS, Mangione CM, Ferrara A, Subramanian U. The association of patient-physician gender concordance with cardiovascular disease risk factor control and treatment in diabetes. *Journal of Women's Health.* 2009;**18**(12):2065–70.

89 Smith GH 3rd. The role of race concordance on prescription drug utilization among primary care case-managed Medicaid enrollees. *Research in Social & Administrative Pharmacy.* 2013;**9**(6):700–18.

90 King WD, Wong MD, Shapiro MF, Landon BE, Cunningham WE. Does racial concordance between HIV-positive patients and their physicians affect the time to receipt of protease inhibitors? *Journal of General Internal Medicine.* 2004;**19**(11):1146–53.

91 Konrad TR, Howard DL, Edwards LJ, Ivanova A, Carey TS. Physician-patient racial concordance, continuity of care, and patterns of care for hypertension. *American Journal of Public Health.* 2005;**95**(12):2186–90.

92 Schoenthaler A, Allegrante JP, Chaplin W, Ogedegbe G. The effect of patient-provider communication on medication adherence in hypertensive black patients: does race concordance matter? *Annals of Behavioral Medicine.* 2012;**43**(3):372–82.

93 Schoenthaler A, Montague E, Baier Manwell L, Brown R, Schwartz MD, Linzer M. Patient-physician racial/ethnic concordance and blood pressure control: the role of trust and medication adherence. *Ethnicity & Health.* 2014;**19**(5):565–78.

94 Street RL, Jr., O'Malley KJ, Cooper LA, Haidet P. Understanding concordance in patient-physician relationships: personal and ethnic dimensions of shared identity. *Annals of Family Medicine.* 2008;**6**(3):198–205.