- Kalisch LM, Caughey GE, Barratt JD, Ramsay EN, Killer G, Gilbert AL, et al. Prevalence of preventable medication-related hospitalizations in Australia: an opportunity to reduce harm. Int J Qual Health Care. 2012;24(3):239–49.
- Pirmohamed M, James S, Meakin S, Green C, Scott AK, Walley TJ, et al. Adverse drug reactions as cause of admission to hospital: prospective analysis of 18 820 patients. BMJ. 2004;329(7456):15–19.
- Howard RL, Avery AJ, Slavenburg S, Royal S, Pipe G, Lucassen P, et al. Which drugs cause preventable admissions to hospital? A systematic review. Br J Clin Pharmacol. 2007;63(2):136–47.
- Klopotowska JE, Wierenga PC, Smorenburg SM, Stuijt CC, Arisz L, Kuks PF, et al. Recognition of adverse drug events in older hospitalized medical patients. Eur J Clin Pharmacol. 2013:69(1):75–85.
- Scott IA, Anderson K, Freeman CR, Stowasser DA. First do no harm: a real need to deprescribe in older patients. Med J Aust. 2014;201(7):3.
- Fried TR, O'Leary J, Towle V, Goldstein MK, Trentalange M, Martin DK. Health outcomes associated with polypharmacy in community-dwelling older adults: a systematic review. J Am Geriatr Soc. 2014;62(12):2261–72.
- Atkin PA, Veitch PC, Veitch EM, Ogle SJ. The epidemiology of serious adverse drug reactions among the elderly. Drugs Aging. 1999;14(2):141–52.
- Duerden M, Avery T, Payne R. Polypharmacy and medicines optimisation: making it safe and sound. London, UK: The King's Fund; 2013.
- Love T, Ehrenberg N. Variation and improving services: case studies and key questions. Wellington: Health Quality and Safety Commission: 2014.
- Nishtala PS, Bagge ML, Campbell AJ, Tordoff JM. Potentially inappropriate medicines in a cohort of community dwelling older people in New Zealand. Geriatr Gerontol Int. 2014;14(1):89–93.
- Mangin D, Sweeney K, Heath I. Preventive health care in elderly people needs rethinking. BMJ. 2007;335(7614):285–87.
- Andrews MA, O'Malley PG. Diabetes overtreatment in elderly individuals: Risky business in need of better management. JAMA. 2014;311(22):2326–27.
- Shepherd J, Blauw GJ, Murphy MB, Bollen EL, Buckley BM, Cobbe SM, et al. Pravastatin in elderly individuals at risk of vascular disease (PROSPER): a randomised controlled trial. Lancet. 2002;360(9346):1623–30.
- Fenton JJ, Jerant AF, Bertakis KD, Franks P. The cost of satisfaction: a national study of patient satisfaction, health care utilization, expenditures, and mortality. Arch Intern Med. 2012;172(5):405–11.
- Scott IA, Hilmer SN, Reeve E, Potter K, Le Couteur D, Rigby D, et al. Reducing inappropriate polypharmacy: the process of deprescribing. JAMA Intern Med. 2015: doi: 10.1001/jamainternmed.2015.0324.
- Ministry of Health Expert Advisory Group. Integrated Performance and Incentive Framework: final report. Wellington: Ministry of Health; 2014.
- Reeve E, Shakib S, Hendrix I, Roberts MS, Wiese MD. Review of deprescribing processes and development of an evidencebased, patient-centred deprescribing process. Br J Clin Pharmacol. 2014;78(4):738–47.
- Chieng JH, Hughes L, Stewart A, Frampton CM, Hanger HC, Jardine DL. Introduction of the Pill Pruner to acute medical care: a simple medication guide to control polypharmacy. Australas J Ageing. 2015;34(1):58–61.
- Patterson SM, Cadogan CA, Kerse N, Cardwell CR, Bradley MC, Ryan C, et al. Interventions to improve the appropriate use of polypharmacy for older people. Cochrane Database Syst Rev. 2014;(10):CD008165.
- Epidemics I. In Hippocrates. (Trans., Jones W. Loeb Classical Library) Cambridge, MA: Harvard University Press, 1923–1988, vol. X, p.165.

Murder That Wasn't: The case of George Gwaze

Felicity Goodyear-Smith

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his is an extraordinary book about an extraordinary case. In 2007, 10-year-old Charlene Makaza, biological niece but effectively daughter of George Gwaze, died in Christchurch. Subsequently interpretation of clinical, microbiological and histological signs led both clinicians and the police to assume (mistakenly) that her death was a consequence of sexual trauma and suffocation. The finding of small traces of George's sperm in her underwear was seen as conclusively linking him to the supposed assault.

As a result of this, and a failure to recognise that the traces could easily have found their way into Charlene's underwear through entirely innocent mechanisms, George was charged with her rape and murder.

But George was not guilty, a conclusion reached not only by the jury in his first trial, but also by the jury in the retrial subsequently ordered by the Supreme Court. For him, and for his family, the horrors were phenomenal. Most of us find it hard to imagine the trauma of having one's young child die. Parents struggle with such experiences for the rest of their own lives, even when the death, unlike Charlene's, could be anticipated. It is probably impossible for most to imagine how awful it would be to have this compounded by accusations of being responsible for her rape and murder.

In her writing, Felicity Goodyear-Smith notes that the case is exceptional; the defence was not that George did not commit the crimes, but that no crimes were committed. Thankfully it was possible to obtain expert opinion, both from New Zealand and overseas, to demonstrate that the apparent signs of rape and murder could result from nothing more than the little girl's HIV-positive status, and her mother's practice of washing the family's underwear together.

As a result of a number of errors in this case, an innocent man had to endure years of being under suspicion and of separation from his 12-year-old niece (thanks to a CYFS ruling which prevented contact). Some may now feel ashamed of their involvement in this case. But the author of this book, and her colleagues who cleared George's name, should feel proud.

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