



New Zealand Hospital Pharmacists Association Special Interest Group



## Recommended Resources List for Medicines Information

HR = Highly Recommended R = Recommended O = Optional

This is a list of resources that are considered desirable for the provision of Medicines Information (MI) services. It has been compiled by MI pharmacists, with additional opinion sought from relevant specialist pharmacists. This list is intended to be a guide for pharmacists to use when considering the purchase of MI resources, whether this be in the setting of an MI centre, hospital pharmacy department, community pharmacy or even for individual pharmacists. This is not intended to be an exhaustive list, nor is this intended to be a mandatory prescriptive list of what must be held.

It is recognised that the requirements of individual users will vary and depend on the type of MI service provided, available budget and specific specialties of interest. While many references may be "highly recommended" or "recommended" not all of these necessarily need to be purchased. However it should be borne in mind that a range of resources may offer a wider scope of information compared to one resource in isolation.

### FORMAT OF THE LIST:

**CATEGORIES:** The resources are grouped in to relevant categories related to the usual MI query types or medical specialties e.g. Adverse Drug Reactions, Paediatrics and Neonates, Drugs in Pregnancy and Breast Feeding, etc., so that similar references can be compared.

**REFERENCES (WITH EDITION/YEAR):** The current edition/year of publications has been included as guidance only (as at 2015). For all references, it is assumed that the most recently available edition should be purchased. Where references are perhaps becoming dated, or have gone out of print but are still potentially useful, these have been noted as such. However, this should be considered when assessing choice.

**RATINGS:** The list aims to guide reference choice in three areas of practice, MI Centres, Hospital Pharmacy Departments (i.e. without an actual MI centre attached) and Community Pharmacies. For each of these groups, the references have been rated as to whether they are Highly Recommended (HR), Recommended (R) or Optional (O). Highly recommended references are considered the reference(s) of choice for that particular category, with recommended references being either useful alternatives (e.g. because price may be restrictive) or provide useful supplementary information. Optional references are those which may not necessarily offer "extra" information to the others, but could be considered desirable depending on individual needs.

**PRICE:** An approximate indication of the price of the references is shown to help in the consideration of estimated cost when considering options. These prices have been provided as guidance only and are subject to change depending on the price and currency conversion at the time of purchase.

**COMMENTS:** Useful information (such as links to online versions or websites) and opinions from specialist pharmacists may be included for some references.

**Contents:** Resources are listed under the following headings.

General Drug References, Adverse Drug Reactions, Infectious Diseases / Antibiotics, Cytotoxics, Palliative Medicine, Drug Interactions, Drugs in Pregnancy/Breastfeeding, Herbal/Alternative/Complementary Medicine, Medical, Medication via Feeding Tubes, Mental Health / Psychotropic Medicines/ Drugs of Abuse, Paediatrics/Neonates, Injectable Drug Therapy, Pharmaceutics, Pharmacology/Pharmacotherapy, Pharmacokinetics / Therapeutic Drug Monitoring, Renal/Liver, Anatomy/Physiology, Diagnostic Tests, Contraception/Hormone Replacement Therapy, Ophthalmology, Nutrition, Miscellaneous

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Comments and suggestions are welcome. Please direct these to the MICP SIG Convener, via the NZHPA website ([www.nzhpa.org.nz](http://www.nzhpa.org.nz)).

|     | Reference  | Edition/Year        | Community Pharmacy | Hospital Pharmacy | MI Centre   | Estimated Cost (NZ\$)               | Comments   |
|-----|--|---------------------|--------------------|-------------------|-------------|-------------------------------------|--|
|     | <b>General Drug References</b>                                       |                     |                    |                   |             |                                     |  |
|     | New Zealand Formulary  | Electronic          | Free               | Free              | Free        | Free                                | Available via <a href="http://nzformulary.org/">http://nzformulary.org/</a> .  |
|     | New Zealand Medicines and Medical Devices Safety Authority (Medsafe) | Electronic          | Free               | Free              | Free        | Free                                | Available via <a href="http://www.medsafe.govt.nz">http://www.medsafe.govt.nz</a> . Access to manufacturer's datasheets.   |
|     | New Zealand Pharmaceutical Schedule (PHARMAC)                        | Electronic          | Free               | Free              | Free        | Free                                | Available online via <a href="http://www.pharmac.health.nz/">http://www.pharmac.health.nz/</a> .   |
|     | Martindale – The Complete Drug Reference. (Pharm Press)              | 39th Ed (2017)      | HR                 | HR                | HR          | \$920 or free online (PSNZ members) | Available via PSNZ website for PSNZ members. Also available online via Medicines Complete - <a href="http://www.medicinescomplete.com">www.medicinescomplete.com</a> (subscription required) or NZ Hospital Pharmacy Consortium subscription to Micromedex®. |
| NEW | Drug Information Handbook (Lexi-Comp)                                | 25th Ed (2016-2017) | O                  | R                 | HR          | \$175                               | Also available online via UpToDate® - <a href="http://www.uptodate.com">http://www.uptodate.com</a> (subscription required) or usually via hospital library arrangements.  |
|     | Micromedex - DrugDex®  | Electronic          | O                  | HR                | HR          | > \$500                             | Available via <a href="http://micromedex.com">http://micromedex.com</a> (subscription required). Available via NZ Hospital Pharmacy Consortium subscription to Micromedex®.  |
|     | UpToDate®  | Electronic          | O                  | R                 | HR          | > \$500                             | Available via <a href="http://www.uptodate.com">www.uptodate.com</a> (subscription required). Usually available via hospital library arrangements.   |
| NEW | AHFS Drug Information (ASHP)   | 2017                | O                  | R                 | R           | \$552                               | Also available online via Medicines Complete - <a href="http://www.medicinescomplete.com">www.medicinescomplete.com</a> (subscription required).   |
| NEW | Australian Medicines Handbook (AMH)                                  | 2017                | O                  | R                 | R           | \$220                               | Available online via AMH Online - <a href="https://shop.amh.net.au/">https://shop.amh.net.au/</a> (subscription required).   |
|     | British National Formulary (Pharm Press)                             | Ongoing             | O                  | O                 | O           | \$95                                | Available online via Medicines Complete - <a href="http://www.medicinescomplete.com">www.medicinescomplete.com</a> (subscription required).  |
|     | MIMS (UBM Medica (NZ) Ltd)   | Ongoing             | R                  | O                 | O           | \$387 (annual subscription)         | Available online via MIMS Online - <a href="http://www.mims.co.nz">www.mims.co.nz</a> (subscription required) and/or incorporated into software packages. Also available as CD-ROM.  |
|     | Medline (Pubmed Free)  | Electronic          | Free               | Free              | Free        | Free                                | Available free via Pubmed - <a href="http://www.ncbi.nlm.nih.gov/pubmed">www.ncbi.nlm.nih.gov/pubmed</a> or usually via hospital library arrangements (e.g. OVID subscription)   |
|     | Embase   | Electronic          | O                  | R                 | HR          | > \$500                             | Usually available via hospital library arrangements (e.g. OVID subscription)   |
|     | Cochrane   | Electronic          | Free               | Free              | Free        | Free                                | Available via <a href="http://www.cochrane.org">www.cochrane.org</a> . Cochrane gather and summarise best evidence from research to help make informed choices about treatment   |
| NEW | EBSCO Host   | Electronic          | Free (PSNZ)        | Free (PSNZ)       | Free (PSNZ) | Free (PSNZ)                         | Available free via PSNZ website for PSNZ members.  |

| Adverse Drug Reactions |  |                |      |      |      |        |  |
|------------------------|--|----------------|------|------|------|--------|--|
|                        | Suspected Medicine Adverse Reaction Search (Medsafe, NZ)   | Electronic     | Free | Free | Free | Free   | Available via <a href="http://www.medsafe.govt.nz">www.medsafe.govt.nz</a> . Provides public access to reports on suspected adverse reactions to medicines   |
| NEW                    | Database of Adverse Events Notifications (TGA, Australia)  | Electronic     | Free | Free | Free | Free   | Available via <a href="http://www.tga.gov.au/database-adverse-event-notifications-daen">http://www.tga.gov.au/database-adverse-event-notifications-daen</a>  |
|                        | Drug Analysis Prints (DAPS, United Kingdom)  | Electronic     | Free | Free | Free | Free   | Available via <a href="http://www.mhra.gov.uk/drug-analysis-prints/">www.mhra.gov.uk/drug-analysis-prints/</a> . Provides a complete listing of all UK spontaneous suspected adverse drug reactions (ADRs) reported through the Yellow Card Scheme.  |
|                        | CredibleMeds® (AZCERT)   | Electronic     | Free | Free | Free | Free   | Available via <a href="http://www.crediblemeds.org">www.crediblemeds.org</a> . A systems-based approach to reduce harm from medications and drug-drug interactions (DDIs) – with a special focus on drugs that prolong the QT interval and increase the risk of torsades de pointes (TdP). |
|                        | Adverse Drug Reactions. Lee A. (Pharm Press)   | 2nd Ed (2005)  | O    | HR   | HR   | \$68   | Very good as a general reference.  |
| NEW                    | Meylers Side Effects of Drugs. Dukes MNG, Aronson JK. (Elsevier Science)                                   | 16th Ed (2015) | O    | O    | R    | >\$500 | Consider availability of other relevant sources when deciding whether to purchase. May be available online via hospital library arrangements.  |
| NEW                    | Litt's D.E.R.M. Drug Eruptions and Reactions Manual (Drug Eruption Reference Manual). Litt JZ. (CRC Press) | 22nd Ed (2016) | O    | O    | R    | \$190  | Also available online via Litt's Drug Eruptions and Reactions Database - <a href="http://www.drugeruptiondata.com/contact">www.drugeruptiondata.com/contact</a> (subscription required). Considered useful reference on adverse drug skin reactions.                                       |
|                        | Stephens' Detection and Evaluation of Adverse Drug Reactions. Talbot J, Aronson, JK. (Wiley)               | 6th Ed (2011)  | O    | O    | O    | >\$500 | Predominantly about ADR reporting and pharmacovigilance in general, as opposed to information about drugs and their reported ADRs for answering MI queries.  |
| NEW                    | VigiAccess™ (World Health Organisation)  | Electronic     | Free | Free | Free | Free   | Available via <a href="http://www.vigiaccess.org/">www.vigiaccess.org/</a> . Database that allows access to data sourced from VigiBase(R), the World Health Organisation's global database for ADRs.   |

| Infectious Diseases and Antibiotics |  |                     |               |               |               |                                     |   |
|-------------------------------------|--|---------------------|---------------|---------------|---------------|-------------------------------------|---|
| NEW                                 | NZ Immunisation Handbook. (NZ Ministry of Health)  | 2017                | Free          | Free          | Free          | Free                                | Hardcopy can be accessed via <a href="http://www.health.govt.nz/system/files/documents/publications/immunisation-handbook-2017-may17-v3.pdf">www.health.govt.nz/system/files/documents/publications/immunisation-handbook-2017-may17-v3.pdf</a> . Also refer to the New Zealand Immunisation Schedule (series of vaccines that are offered free to babies, children, adolescents and adults). |
| NEW                                 | The Australian Immunisation Handbook. (Australian Government Department of Health and Ageing, Office of Health Protection) | 10th Ed (2015)      | Free (online) | Free (online) | Free (online) | Free (online)                       | Available online via <a href="http://www.immunise.health.gov.au/internet/immunise/publishing.nsf/Content/Handbook10-home">www.immunise.health.gov.au/internet/immunise/publishing.nsf/Content/Handbook10-home</a> .   |
|                                     | Green Book. Immunisation against infectious disease. Department of Health, UK.   | Electronic          | Free (online) | Free (online) | Free (online) | Free (online)                       | Available via <a href="http://www.gov.uk/government/collections/immunisation-against-infectious-disease-the-green-book">www.gov.uk/government/collections/immunisation-against-infectious-disease-the-green-book</a> . This publication is available as individual chapters via the Immunisation section of the GOV.UK website and not in printed form. Chapters are updated as necessary.    |
| NEW                                 | The Sanford Guide to Antimicrobial Therapy. Gilbert DN, Chambers HF, Eliopoulos GM, et al. (Antimicrobial Therapy)         | 46th Ed (2016)      |               |               |               | \$38                                | <b>Hospitals (where deemed necessary)/MI Centres</b> - It is recommended that <b>at least one</b> of these resources is purchased. The choice of resources selected is left to the individual hospital/centre, taking into account potential usefulness and user groups.  |
|                                     | Johns Hopkins ABX Guide (Unbound Medicine, Inc.)   | Electronic          | O             | R             | HR            | \$42 for single user annual licence | -The Sanford Guide - Available online via The Sanford Guide Web Edition - <a href="http://www.sanfordguide.com">www.sanfordguide.com</a> (subscription required).<br>-Johns Hopkins ABX Guide - Particularly good for unapproved indications.   |
|                                     | Kucers' The Use of Antibiotics. Grayson ML, Crowe SM, McCarthy JS, et al. (CRC Press)                                      | 6th Ed (2010)       | O             | O             | O             | >\$500 for book                     | Available online via Medicines Complete® - <a href="http://www.medicinescomplete.com">www.medicinescomplete.com</a> (subscription required) or as a two volume book (providing free eBook access).  |
|                                     | Principles and Practice of Infectious Diseases. Mandell GL, et al. (Churchill Livingstone)                                 | 8th Ed (2014)       | O             | O             | O             | \$398                               | Available either as a two volume book (providing free online access to full text), or an eBook (PDF or ePub formats). May be available online via hospital library arrangements.  |
| NEW                                 | The Sanford Guide to HIV/AIDS Therapy. Saag MS. (Antimicrobial Therapy)  | 24th Ed (2016-2017) | O             | O             | O             | \$72                                | Available online via The Sanford Guide Web Edition - <a href="http://www.sanfordguide.com">www.sanfordguide.com</a> (subscription required). Also available in a range of digital formats.  |
| NEW                                 | The Yellow Book (Center for Disease Control and Prevention)  | Electronic          | Free          | Free          | Free          | Free                                | Available via <a href="https://wwwnc.cdc.gov/travel/page/yellowbook-home">https://wwwnc.cdc.gov/travel/page/yellowbook-home</a> . A reference for health professionals providing care to international travelers.   |
| NEW                                 | Therapeutic Guidelines: Antibiotics (eTG complete)   | Electronic/Book     | O             | R             | R             | 53 (book)                           | Australian resource. Good source of independent advice on treatment of infectious diseases. May be purchased as individual books or the entire series. Also available online via eTG complete - <a href="https://tgdcdp.tg.org.au/etgcomplete">https://tgdcdp.tg.org.au/etgcomplete</a> (subscription required)   |
| Cytotoxics                          |  |                     |               |               |               |                                     |   |
| NEW                                 | Drug Information Handbook for Oncology. (Lexi-Comp)  | 14th Ed (2016)      | O             | R             | R             | \$105                               | Considered useful for general drug information on cytotoxic drugs.  |
|                                     | The Cytotoxics Handbook. Allwood M, Stanley A, Wright P. (Radcliffe Medical Press)   | 4th Ed (2002)       | O             | R             | R             | \$283                               | Considered useful for information on cytotoxic unit operations and administration of cytotoxics.  |
|                                     | Cancer Principles & Practice Of Oncology. De Vita VT, Lawrence TS, Rosenberg SA. (LWW)                                     | 10th Ed (2014)      | O             | O             | O             | \$343                               | Major reference often held in oncology centre libraries.  |

| Palliative Medicine |  |                |      |      |      |                                     |  |
|---------------------|--|----------------|------|------|------|-------------------------------------|--|
|                     | Palliative Care Guidelines Plus  | Electronic     | Free | Free | Free | Free                                | Available via <a href="http://book.pallcare.info/">http://book.pallcare.info/</a> . This website hosts the Palliative Care Guidelines developed by a collaboration of UK Cancer networks, and the Welsh Palliative Care Implementation Group.                                    |
| NEW                 | Palliative Care Formulary. Twycross R, Wilcock A. (Palliativedrugs.com Ltd)  | 5th Ed (2014)  | O    | HR   | HR   | \$43                                | Available online via <a href="http://palliativedrugs.com">palliativedrugs.com</a> - <a href="http://www.palliativedrugs.com">www.palliativedrugs.com</a> (subscription required). The September 2016 PDF version of the Palliative Care Formulary (PCF5+ 2016) is now available. |
| NEW                 | The Palliative Care Handbook: Guidelines for Clinical Management and symptom Control. MacLeod RD, et al. (Hospice New Zealand) | 8th Ed (2016)  | O    | HR   | HR   | Free                                | Available online via <a href="http://www.hospice.org.nz/cms_show_download.php?id=1243">www.hospice.org.nz/cms_show_download.php?id=1243</a> or contact your local hospice service to see if they have any hardcopies in stock.   |
| NEW                 | The Syringe Driver: Continuous subcutaneous infusions in palliative care. Dickman A, Schneider A. (Oxford University Press)    | 4th Ed (2016)  | O    | R    | R    | \$57                                | Highly recommended for community pharmacies that manufacture syringes for Graseby Pumps.   |
| NEW                 | Oxford Textbook of Palliative Medicine. (Oxford University Press)  | 5th Ed (2015)  | O    | O    | O    | \$409                               | Available online via Oxford Textbook of Palliative Medicine Online (subscription required).  |
|                     | A Guide To Symptom Relief In Palliative Care. Regnard C, Dean M. (Radcliffe Publishing Ltd)                                    | 6th Ed (2010)  | O    | O    | O    | \$65                                |  |
| Drug Interactions   |  |                |      |      |      |                                     |  |
|                     | New Zealand Formulary - Interactions checker   | Electronic     | Free | Free | Free | Free                                | Available via <a href="http://nzformulary.org/">http://nzformulary.org/</a> . Interaction information is provided by Stockley's Interaction Alerts.  |
| NEW                 | Stockley's Drug Interactions. Preston CL. (Pharm Press)  | 11th Ed (2016) | HR   | HR   | HR   | \$365 or free online (PSNZ members) | Available via PSNZ website for PSNZ members. Also available online via Medicines Complete - <a href="http://www.medicinescomplete.com">www.medicinescomplete.com</a> (subscription required).  |
|                     | Micromedex® Drug Interactions  | Electronic     | O    | HR   | HR   | > \$500                             | Available via <a href="http://micromedex.com">http://micromedex.com</a> (subscription required). Available via NZ Hospital Pharmacy Consortium subscription to Micromedex®.  |
|                     | Stockley's Herbal Medicines Interactions. Williamson E, Driver S, Baxter K, et al. (Pharm Press)                               | 2nd Ed (2013)  | O    | R    | HR   | \$145 or free online (PSNZ members) | Available via PSNZ website for PSNZ members. Also available online via Medicines Complete - <a href="http://www.medicinescomplete.com">www.medicinescomplete.com</a> (subscription required).  |
|                     | Lexi-Interact™   | Electronic     | O    | R    | HR   | >\$500                              | Available online via UpToDate® - <a href="http://www.uptodate.com">http://www.uptodate.com</a> (subscription required) or Lexicomp Online - <a href="https://online.lexi.com">https://online.lexi.com</a> (subscription required) or usually via hospital library arrangements.  |
|                     | Drug Interactions Analysis and Management. Hansten PD, Horn JR. (Wolters Kluwer)   | 9th Ed (2014)  | O    | O    | O    | \$142                               |  |
|                     | Drug Interaction Facts. Tatro DS. (Facts & Comparisons)  | 1st Ed (2014)  | O    | O    | O    | \$142                               | Available online via Facts & Comparisons® eAnswers - <a href="http://www.factsandcomparisons.com">www.factsandcomparisons.com</a> (subscription required).   |
|                     | Metabolism & Transport Drug Interaction Database. (University of Washington)   | Electronic     | O    | O    | O    | >\$500                              | Available via <a href="http://www.druginteractioninfo.org">www.druginteractioninfo.org</a> .   |
|                     | HIV Drug Interactions (University of Liverpool )   | Electronic     | Free | Free | Free | Free                                | Available via <a href="http://www.hiv-druginteractions.org/">http://www.hiv-druginteractions.org/</a> .  |

|  | <b>Drugs in Pregnancy and Breast Feeding</b>   |                |      |      |      |                                     |   |
|--|--|----------------|------|------|------|-------------------------------------|---|
| <b>NEW</b>   | Medications and Mothers' Milk. Hale T. (Hale)  | 18th Ed (2017) | HR   | HR   | HR   | >\$500                              | Available online via MMM Online - <a href="http://ibreastfeeding.com">http://ibreastfeeding.com</a> (subscription required).  |
| <b>NEW</b>   | Drugs in Pregnancy and Lactation. Briggs GG, Freeman RK. (LWW)   | 11th Ed (2017) | R    | HR   | HR   | \$155                               | Print edition comes with interactive eBook with searchable text and frequent updates.   |
|  | Drugs During Pregnancy & Lactation. Schaefer C, Peters PWJ, Miller RK. (Academic Press)  | 3rd Ed (2014)  | R    | R    | HR   | \$93                                | Recommended for use in community pharmacy.  |
|  | Handbook of Obstetric Medicine. Nelson-Piercy C. (Informa Healthcare).   | 5th Ed (2015)  | O    | O    | R    | \$91                                | Usually available via hospital library arrangements.  |
| <b>NEW</b>   | Pregnancy Breast Feeding Medicines Guide. Loke YC. (Royal Women's Hospital, Melbourne)   | Electronic     | R    | R    | HR   | 185 (single user subscription)      | Recommended for use in community. 'Drugs and Pregnancy' and 'Drugs and Breastfeeding' has now been combined into this new reference. Available via <a href="https://thewomenspbmg.org.au/">https://thewomenspbmg.org.au/</a> (subscription required)  |
|  | Reprorisk® Database (Access to Reprotox®, Teris® (Teratogen Information System) and Shephard's Catalog of Teratogenic Agents online) | Electronic     | O    | R    | HR   | >\$500                              | Available via <a href="http://micromedex.com">http://micromedex.com</a> (subscription required). Available via NZ Hospital Pharmacy Consortium subscription to Micromedex®.   |
|  | LactMed . (TOXNET)   | Electronic     | Free | Free | Free | Free                                | Available via <a href="http://toxnet.nlm.nih.gov/newtoxnet/lactmed.htm">http://toxnet.nlm.nih.gov/newtoxnet/lactmed.htm</a> . A peer-reviewed and fully referenced database of drugs to which breastfeeding mothers may be exposed. Among the data included are maternal and infant levels of drugs, possible effects on breastfed infants and on lactation, and alternate drugs to consider. |
|  | Motherisk. (SickKids)  | Electronic     | Free | Free | Free | Free                                | Up-to-date information about the risk and safety of medications and other exposures during pregnancy and breastfeeding.   |
| <b>Herbal/ Alternative/ Complementary Medicine</b> |  |                |      |      |      |                                     |   |
|  | Natural Medicines Database. (Natural Medicines)  | Electronic     | O    | HR   | HR   | >\$500                              | Available via <a href="http://naturaldatabase.therapeuticresearch.com">http://naturaldatabase.therapeuticresearch.com</a> (subscription required). Available via NZ Hospital Pharmacy Consortium subscription.  |
|  | Micromedex - AltMedDex® (Alternative Medicine)   | Electronic     | O    | R    | HR   | > \$500                             | Available via <a href="http://micromedex.com">http://micromedex.com</a> (subscription required). Available via NZ Hospital Pharmacy Consortium subscription to Micromedex®.   |
|  | Complementary and Alternative Medicine. Kayne S. (Pharm Press)   | 2nd Ed (2008)  | R    | R    | R    | \$73                                | Considered useful for a general overview of complementary medicine practices.   |
|  | Herbal Medicines. (Pharm Press)  | 4th Ed (2013)  | O    | O    | O    | \$210 or free online (PSNZ members) | Available via PSNZ website for PSNZ members. Also available online via Medicines Complete - <a href="http://www.medicinescomplete.com">www.medicinescomplete.com</a> (subscription required).   |
|  | Homeopathic Pharmacy: Theory and Practice. Kayne S. (Churchill Livingstone)  | 2nd Ed (2006)  | O    | O    | O    | \$92                                |   |
|  | Herbs & Natural Supplements: An evidence -based guide (Volume I and II), Braun L, Cohen M . (Pharm Press)                            | 4th Ed (2015)  | O    | O    | O    | \$110                               |   |

|                              | Medical  |                |               |               |               |                            |   |
|------------------------------|--|----------------|---------------|---------------|---------------|----------------------------|---|
|                              | Merck Manual of Diagnosis & Treatment. Porter R, Kaplan J. (Merck & Co)  | 19th Ed (2011) | Free (online) | Free (online) | Free (online) | Free (online), \$82 (book) | Available via <a href="http://www.merck.com/mmpe/index.html">www.merck.com/mmpe/index.html</a>  |
|                              | Oxford Handbook of Clinical Medicine. Longmore M, Wilkinson I, Baldwin A, et al. (Oxford University Press)   | 9th Ed (2014)  | O             | R             | R             | \$47                       | <b>Hospitals/MI Centres</b> - It is recommended that <b>at least one</b> of these resources is purchased. The choice of resources selected is left to the individual hospital/centre, taking into account potential usefulness and user groups. -Oxford Handbook of Clinical Medicine - Considered particularly useful as a pocket reference. -Oxford Textbook of Medicine - Also available online via Oxford Textbook of Medicine Online - <a href="http://oxfordmedicine.com/">http://oxfordmedicine.com/</a> (subscription required). Usually available via hospital library arrangements. |
| NEW                          | Clinical Medicine. Kumar P, Clark M. (Saunders Ltd)  | 9th Ed (2016)  | O             | R             | R             | \$96                       |   |
| NEW                          | Harrison's Principles of Internal Medicine. Longo D, Fauci A, Kasper D, et al. (McGraw- Hill)  | 19th Ed (2015) | O             | R             | R             | \$237                      |   |
|                              | Oxford Textbook of Medicine. Warrell DA, Cox TM, Firth JD. (Oxford University Press)   | 5th Ed (2010)  | O             | R             | R             | >\$500                     |   |
| Medication via Feeding Tubes |  |                |               |               |               |                            |   |
|                              | Handbook of Drug Administration Via Enteral Feeding Tubes. White R, Bradnam V. (Pharm Press)   | 3rd Ed (2015)  | O             | HR            | HR            | \$86                       | Also available online via Medicines Complete - <a href="http://www.medicinescomplete.com">www.medicinescomplete.com</a> (subscription required)   |
| NEW                          | Australian Don't Rush to Crush Handbook. Burrige N, Deidun D. (SHPA)   | 2nd Ed (2015)  | R             | HR            | HR            | \$255                      |   |
| NEW                          | The NEWT Guidelines for Administration of Medication to Patients with Enteral Feeding Tubes or Swallowing Difficulties. Smyth JA. (North East Wales NHS Trust) | 3rd Ed (2015)  | O             | O             | O             | \$66                       | Also available online via <a href="http://www.newtguidelines.com">www.newtguidelines.com</a> (subscription required)  |

|            | <b>Mental Health/ Psychotropic Medicines/Drugs of Abuse</b>  |                |      |      |      |       |   |
|------------|--|----------------|------|------|------|-------|---|
|            | The Maudsley Prescribing Guidelines. Taylor D, Paton C, Kapur S. (Wiley-Blackwell)   | 12th Ed (2015) | R    | HR   | HR   | \$104 |   |
| <b>NEW</b> | Psychotropic Drug Directory. Bazire S. (Lloyd-Reinhold Communications )  | 2016           | R    | HR   | HR   | \$224 |   |
|            | Drugs of Abuse. Wills S. (Pharm Press)   | 2nd Ed (2005)  | O    | R    | R    | \$62  |   |
|            | Psychopharmacology - A Handbook for New Zealand Health Professionals. (Whitireia Community Polytechnic, New Zealand)                     | 2nd Ed (2011)  | R    | R    | R    | \$75  | Considered particularly useful for those wanting a reference aimed at a more "basic" level, and for a NZ perspective. |
| <b>NEW</b> | Clinical Handbook of Psychotropic Drugs. Bezchlibnyk-Butler KZ, Jeffries JJ, Procyshyn RM, et al. (Hogrefe)                              | 21st Ed (2015) | O    | R    | R    | \$87  | Considered to nicely present concise information in useful tables but little additional over others.                  |
|            | Stahl's Essential Psychopharmacology: Neuroscientific basis and practical applications. Stahl SM. (Cambridge University Press)           | 4th Ed (2013)  | O    | R    | R    | \$136 |   |
|            | Stahl's Essential Pharmacology: The Prescriber's Guide. Stahl SM. (Cambridge University Press)   | 5th Ed (2014)  | R    | R    | R    | \$102 | Includes practical info and tips about drugs, arranged alphabetically   |
|            | Drug Information Handbook for Psychiatry: Including Psychotropic, Nonpsychotropic, and Herbal Agents Fuller MA, Sajatovic M. (Lexi-Comp) | 7th Ed (2009)  | O    | O    | O    | \$72  |   |
|            | Clinical Handbook of Psychotropic Drugs for Children & Adolescents. Bezchlibnyk-Butler K, Virani A, Procyshyn RM. (Hogrefe)              | 3rd Ed (2014)  | O    | O    | O    | \$94  |   |
|            | Practice Guidelines for Opioid Substitution Treatment in NZ. NZ Ministry of Health.  | 2014           | Free | Free | Free | Free  |   |



| Paediatrics and Neonates |  |                     |                 |      |      |               |  |
|--------------------------|--|---------------------|-----------------|------|------|---------------|--|
|                          | New Zealand Formulary for Children   | Electronic          | Free            | Free | Free | Free          | Available via <a href="http://nzformulary.org/">http://nzformulary.org/</a> .  |
| NEW                      | British National Formulary for Children. Paediatric Formulary Committee. (BNFC)                    | 2016-2017           | O               | O    | R    | \$95          | Also available online via Medicines Complete ( <a href="http://www.medicinescomplete.com">www.medicinescomplete.com</a> )  |
|                          | Paediatric Formulary. Formulary Pharmacist.(Evelina London)  | Electronic          | Free            | Free | Free | Free (online) | Considered particularly useful for paediatric cardiology. Available via <a href="http://cms.ubqo.com/public/d2595446-ce3c-47ff-9dcc-631_67d9f4b80">http://cms.ubqo.com/public/d2595446-ce3c-47ff-9dcc-631_67d9f4b80</a>  |
|                          | AMH Children's Dosing Companion. (AMH)   | 2014                | O               | R    | R    | \$115         | Available online via AMH Online - <a href="https://shop.amh.net.au/">https://shop.amh.net.au/</a> (subscription required).   |
|                          | Neonatal Formulary - Drug Use in Pregnancy and the First Year of Life. Ainsworth SB. (BMJ Books)   | 7th Ed (2014)       | O               | R    | HR   | \$103         | Highly rated for neonatal drug therapy.  |
|                          | Neofax. Young TE & Mangum T (Thomson Healthcare)   | Electronic          | O               | R    | HR   | >\$500        | Available via Neofax® Online via Micromedex® - <a href="http://micromedex.com">http://micromedex.com</a> (subscription required). Available via NZ Hospital Pharmacy Consortium subscription to Micromedex®  |
| NEW                      | Paediatric Injectable Guidelines. Pharmacy Department. (Royal Children's Hospital, Melbourne)      | 5th Ed (2016)       | N/A             | R    | HR   | \$126         | Local (Australian) content considered possibly more relevant than ASHP "Teddy Bear Book".  |
|                          | Pediatric Injectable Drugs (Teddy Bear Book). Phelps SJ, Hagemann TM, Lee KR, et al. (ASHP)        | 10th Ed (2013)      | N/A             | R    | R    | \$202         |  |
| NEW                      | Pediatric & Neonatal Dosage Handbook With International Trade Names Index . Taketomo. (Lexi- Comp) | 23rd Ed (2016-2017) | O               | O    | R    | \$132         | Available online via UpToDate® - <a href="http://www.uptodate.com">http://www.uptodate.com</a> (subscription required) or Lexicomp Online - <a href="https://online.lexi.com">https://online.lexi.com</a> (subscription required) or usually via hospital library arrangements |
| NEW                      | Drug Doses. Shann F. (Royal Children's Hospital, Melbourne)  | 16th Ed (2014)      | NOT Recommended | O    | O    | \$11          | Paediatric ICU dosing only. Not recommended for use outside of PICUs. HR for MI related to PICU use only.  |
| NEW                      | Nelson's Pocket Book of Pediatric Antimicrobial Therapy. Nelson J Bradley J (AAP).                 | 22nd Ed (2016)      | O               | O    | O    | \$59          |  |
|                          | Paediatric Handbook. Thomson K, Tey D, Marks M. (Royal Children's Hospital, Melbourne)             | 9th Ed (2015)       | O               | O    | O    | \$83          |  |

| Injectable Drug Therapy |   |                   |      |      |      |         |   |
|-------------------------|---|-------------------|------|------|------|---------|---|
|                         | Stabilis 4.0  | Electronic        | Free | Free | Free | Free    | Available via <a href="http://www.stabilis.org/">www.stabilis.org/</a> .  |
|                         | Micromedex - IV Index (IV Compatibility)  | Electronic        | O    | HR   | HR   | > \$500 | Available via <a href="http://micromedex.com">http://micromedex.com</a> (subscription required). Available via NZ Hospital Pharmacy Consortium subscription to Micromedex®. Features Trissel's™ 2 data.   |
| NEW                     | Notes on Injectable Drugs (NZHPA)   | 7th Ed (2015)     | O    | HR   | HR   | \$175   | An electronic (pdf) version of all monographs is also available (\$1,000 including GST) with bulk purchases (≥ 20 copies) of the paperback edition.   |
| NEW                     | Handbook on Injectable Drugs. (ASHP)  | 19th Ed (2016)    | O    | HR   | HR   | \$495   | Also available online via Medicines Complete - <a href="http://www.medicinescomplete.com">www.medicinescomplete.com</a> (subscription required). IV compatibility data also available via <a href="http://micromedex.com">http://micromedex.com</a> (subscription required). Available via NZ Hospital Pharmacy Consortium subscription to Micromedex®. Features Trissel's™ 2 data. |
|                         | Trissels Stability of Compounded Formulations. (APhA)   | 5th Ed (2012)     | O    | R    | R    | \$206   |   |
|                         | Extended Stability for Parenteral Drugs. Bing CM. (ASHP)  | 5th Ed (2013)     | O    | O    | R    | \$170   |   |
| NEW                     | The Australian Injectable Drugs Handbook. Burrige N, Deidun D. (SHPA)                             | 7th Ed (2016)     | O    | O    | R    | \$139   |   |
|                         | Injectable Drugs Guide. Gray A, Wright J, Goodey V, et al. (Pharm Press)                          | 1st Ed (2011)     | O    | O    | R    | \$88    |   |
|                         | King Guide to Parenteral Admixtures. (King Guide Publications)                                    | Quarterly updates | O    | O    | O    | \$650   | Loose leaf price includes updates for one year. Also available online via <a href="http://www.kingguide.com">www.kingguide.com</a> (subscription required)  |
|                         | Minimum Infusion Volumes for Fluid Restricted Critically Ill Patients. (UKCPA)                    | 4th Ed (2012)     | Free | Free | Free | Free    | Available via <a href="http://www.scottishintensivecare.org.uk/uploads/2014-07-24-19-56-30-Minimuminfusionvolumesinl-40262.pdf">http://www.scottishintensivecare.org.uk/uploads/2014-07-24-19-56-30-Minimuminfusionvolumesinl-40262.pdf</a>   |
| Pharmaceutics           |   |                   |      |      |      |         |   |
|                         | Database of Oral Liquid Formulations - eMIXT  | Electronic        | Free | Free | Free | Free    | Available via <a href="http://www.pharminfotech.co.nz">www.pharminfotech.co.nz</a> . The Extemporaneous Compounding Pharmacists' Group in New Zealand has developed a standard list of formulations for compounding in Ora Products. If available the individual batch sheet is linked from the eMIXT monographs.   |
| NEW                     | British Pharmacopoeia. British Pharmacopoeia Commission. (TSO)                                    | 2017              | O    | O    | R    | >\$500  | Also available online via The BP 2015 Online - <a href="http://www.pharmacopoeia.co.uk/2015/access.htm">http://www.pharmacopoeia.co.uk/2015/access.htm</a> (subscription required)  |
| NEW                     | Handbook of Pharmaceutical Excipients. Rowe RC, Sheskey PJ, Cook WG. (PharmPress / APhA)          | 8th Ed (2017)     | O    | O    | R    | >\$500  |   |
|                         | Handbook of Extemporaneous Compounding. Jackson M, Lowey A. (Pharm Press)                         | 1st Ed (2010)     | O    | O    | O    | \$78    | Has around 30 formulations, most based on Ora-Sweet/Ora- Plus, but some based on Keltrol (xanthan gum)  |
|                         | Pharmaceutical Compounding and Dispensing. Marriott J, Wilson K, Langley CA, et al. (Pharm Press) | 2nd (2010)        | O    | O    | O    | \$73    |   |

|     | Pharmacology/Pharmacotherapy  |                |   |    |    |                 |  |
|-----|---|----------------|---|----|----|-----------------|--|
|     | Therapeutic Guidelines Series (TGL)   | Various        | O | HR | HR | \$42(each book) | May be purchased as individual books or the entire series. Also available online via eTG complete - <a href="https://tgdcdp.tg.org.au/etgcomplete">https://tgdcdp.tg.org.au/etgcomplete</a> (subscription required)                                    |
| NEW | Medical Pharmacology at a Glance. Neal MJ. (Wiley-Blackwell)  | 8th Ed (2015)  | R | HR | HR | \$43            | Highly recommended for easily understood concise information.  |
|     | Clinical Pharmacy and Therapeutics. Walker R, Whittlesea C. (Churchill Livingstone)                                       | 5th Ed (2011)  | R | R  | R  | \$78            | <p><b>Hospitals/MI Centres</b> - It is recommended that <b>at least one</b> of these resources is purchased. The choice of resources selected is left to the individual hospital/centre, taking into account potential usefulness and user groups.</p> |
|     | Koda-Kimble and Young's Applied Therapeutics: The Clinical Use of Drugs. Alldredge BK, Corelli RL, Ernst ME, et al. (LWW) | 10th Ed (2012) | O | R  | R  | \$318           |  |
| NEW | Goodman & Gilman's The Pharmacological Basis of Therapeutics. Brunton L, Chabner B, Knollman B. (McGraw-Hill)             | 13th Ed (2017) | O | R  | R  | \$282           |  |
|     | Goodman & Gilman's Manual of Pharmacology Therapeutics. Hilal-Dandon R, Brunton L. (McGraw-Hill)                          | 2nd Ed (2014)  | O | R  | R  | \$90            |  |
|     | Basic and Clinical Pharmacology. Katzung B, Masters S, Trevor A. (McGraw-Hill)  | 13th Ed (2015) | O | R  | R  | \$77            |  |
|     | Clinical Pharmacology. Bennett PN, Brown MJ. (Churchill Livingstone)  | 11th Ed (2012) | O | R  | R  | \$92            | <p><b>Hospitals/MI Centres</b> - It is recommended that <b>at least one</b> of these resources is purchased. The choice of resources selected is left to the individual hospital/centre, taking into account potential usefulness and user groups.</p> |
| NEW | Pharmacology. Rang HP, Dale MM, Ritter JM, Flower JR. (Churchill Livingstone)   | 8th Ed (2015)  | O | R  | R  | \$83            |  |
| NEW | Pharmacotherapy: A pathophysiologic approach. DiPiro J, Talbert RL, Yee G. (McGraw-Hill)                                  | 10th Ed (2017) | O | R  | R  | \$289           |  |
| NEW | Pharmacotherapy Handbook. Wells BG, Dipiro JT, Schwinghammer TL, et al (McGraw-Hill)                                      | 10th Ed (2017) | O | R  | R  | \$90            | Can purchase both of these books as a bundle via ASHP store  |

| Pharmacokinetics and Therapeutic Drug Monitoring |   |                |      |                  |                  |          |   |
|--|---|----------------|------|------------------|------------------|----------|---|
|  | ToxiNZ (NZ Poisons Centre Database)   | Electronic     | O    | R                | HR               | Variable | Available via <a href="http://www.toxinz.com">www.toxinz.com</a> (subscription required). Available via <i>some</i> hospital library arrangements.  |
|  | Applied Clinical Pharmacokinetics. Bauer LA. (McGraw-Hill)                                      | 3rd Ed (2014)  | O    | R                | R                | \$92     | <b>Hospitals/MI Centres</b> - It is recommended that <b>at least one</b> of these resources is purchased. The choice of resources selected is left to the individual hospital/centre, taking into account potential usefulness and user groups.   |
| NEW  | Clinical Pharmacokinetics. Murphy JE. (ASHP)  | 6th Ed (2017)  | O    | R                | R                | \$115    |   |
|  | Clinical Pharmacokinetics and Pharmacodynamics. Roland M, Tozer TN. (LWW)                       | 4th Ed (2010)  | O    | R                | R                | \$119    |   |
|  | Pocket Guide: Pharmacokinetics Made Easy. Birkett D. (McGraw-Hill)                              | 2nd Ed (2011)  | O    | R                | R                | \$42     |   |
|  | Concepts in Clinical Pharmacokinetics. Dipiro JT, et al. (ASHP)                                 | 6th Ed (2014)  | O    | R                | R                | \$113    |   |
|  | Basic Clinical Pharmacokinetics. Winter ME. (LWW)   | 2017           | O    | R                | R                | \$112    |   |
|  | Handbook of Basic Pharmacokinetics. Ritschel WA, Kearns GL. (APhA)                              | 7th Ed (2009)  | O    | R                | R                | \$103    |   |
|  | Introduction to Pharmaceutical Calculations. Rees JA, Smith I. (Pharm Press)                    | 4th Ed (2015)  | O    | O                | O                | \$53     | Useful for junior pharmacists and trainee technicians   |
|  | Micromedex - Poisondex®   | Electronic     | O    | O                | O                | > \$500  | Available via <a href="http://micromedex.com">http://micromedex.com</a> (subscription required). <b>Not</b> available via NZ Hospital Pharmacy Consortium subscription to Micromedex®   |
| Renal and Liver                                  |   |                |      |                  |                  |          |   |
|  | The Renal Drug Handbook. Ashley C, Currie A (Radcliffe Medical Press)                           | 4th Ed (2014)  | O    | HR               | HR               | \$179    | Available via NZ Hospital Pharmacy Consortium subscription to the Renal Drug Database - cost variable depending on number of beds   |
|  | The Renal Drug Reference Guide. Cervelli M. (Kidney Health Australia)                           | 1st Ed (2008)  | O    | R                | HR               | \$87     | Considered useful for local (Australasian) practice.  |
|  | Drug Prescribing in Renal Failure: Dosing Guidelines for Adults. Aronoff GR. (AmCollPhysicians) | 5th Ed (2007)  | O    | R                | R                | \$65     |   |
|  | Drugs and the Liver. North-Lewis P. (Pharm Press)   | 1st Ed (2008)  | O    | R                | R                | \$62     |   |
| NEW  | Dialysis of Drugs. Johnson CA. (Renal Pharmacy Consultants, LLC)                                | 2016           | O    | O                | O                | \$23     | Available via <a href="http://renalpharmacyconsultants.com/">http://renalpharmacyconsultants.com/</a> .   |
| NEW  | LiverTox Database (NLM, NIDDK)  | Electronic     | Free | Free             | Free             | Free     | Available via <a href="https://livertox.nlm.nih.gov/">https://livertox.nlm.nih.gov/</a> . Clinical and Resarch Information on Drug-Induced Liver Injury   |
| Anatomy and Physiology                           |   |                |      |                  |                  |          |   |
|  | Essentials of Human Anatomy and Physiology. Marieb EN. (Pearson)                                | 11th Ed (2014) | O    | R (see comments) | R (see comments) | \$84     | <b>Hospitals/MI Centres</b> - This particular resource has been given as a suggestion. It is recommended that <b>at least one Anatomy/Physiology resource</b> is purchased. The choice of resources selected is left to the individual hospital/centre, taking into account potential usefulness and user groups. |
| Diagnostic Tests                                 |   |                |      |                  |                  |          |   |
| NEW  | Basic Skills in Interpreting Laboratory Data. Lee M. (ASHP)                                     | 6th Ed (2017)  | O    | HR               | HR               | \$115    | Considered highly recommended for interpreting lab results.   |

|     |   |               |      |      |      |   |  |
|-----|---|---------------|------|------|------|---|--|
|     | <b>Contraception and Hormone Replacement Therapy</b>  |               |      |      |      |   |  |
| NEW | Contraception: Your Questions Answered. Guillebaud J, Macgregor A. (Churchill Livingstone)    | 7th Ed (2017) | O    | O    | HR   | \$37                                    |  |
| NEW | WHO Medical eligibility criteria for contraceptive use. (WHO)                                 | 2015          | O    | O    | O    | \$109                                   | Reviews the medical eligibility criteria for use of contraception, offering guidance on the safety of use of different methods for women and men with specific characteristics or known medical conditions.                    |
|     | Faculty of Sexual and Reproductive Healthcare (FSRH)  | Electronic    | Free | Free | Free | Free                                    | Available via <a href="http://www.fsrh.org/home/">www.fsrh.org/home/</a>   |
|     | <b>Ophthalmology</b>  |               |      |      |      |   |  |
|     | Moorfields Eye Hospital - Pharmacists Handbook. (Moorfields Pharmaceuticals)                  | 2006          | O    | O    | O    | \$45                                    | Their online formulary is available via <a href="http://www.moorfields.nhs.uk/service/pharmacy">http://www.moorfields.nhs.uk/service/pharmacy</a> .  |
|     | <b>Nutrition</b>  |               |      |      |      |   |  |
|     | Prescribing Adult Intravenous Nutrition. Austin PD, Stround M. (Pharm Press)                  | 1st Ed (2007) | O    | O    | O    | \$64                                    |  |
|     | Dietary Supplements. Pamela Mason. (Pharm Press)  | 4th Ed (2011) | O    | O    | O    | \$132                                   | Also available online via Medicines Complete - <a href="http://www.medicinescomplete.com">www.medicinescomplete.com</a> (subscription required).   |
|     | <b>Miscellaneous</b>  |               |      |      |      |   |  |
|     | The Dispensing Guide. (PSNZ)  | 2004          | HR   | HR   | HR   | Free (online)                           | PDF version available via <a href="http://www.psnz.org.nz">www.psnz.org.nz</a>   |
|     | Veterinary Formulary. Bishop Y (Pharm Press)  | 6th Ed (2005) | O    | O    | O    | \$135                                   |  |
|     | The Pharmacy Practice Handbook. (PSNZ)  | 1st Ed (2003) | R    | R    | R    | Free (with PSNZ subscription)           | Available online as an eHandbook via PSNZ website - <a href="http://www.psnz.co.nz">www.psnz.co.nz</a> (subscription required).  |
|     | Health and disability services Standards– Pharmacy services Standard. (Standards New Zealand) | 1st Ed (2010) | HR   | HR   | HR   | \$91                                    | Can be purchased via <a href="http://www.standards.co.nz/news/media-releases/2010/may/pharmacy-services-standard-published/">http://www.standards.co.nz/news/media-releases/2010/may/pharmacy-services-standard-published/</a> |
|     | Healthcare Handbook Incorporating the OTC Products Guide. (Pharmacy Today)                    | 2016          | R    | O    | O    | Free (with Pharmacy Today Subscription) |  |