

Review of General Tertiary References

Nora A. Alkhudair

Sara A. Alosaimy

Tertiary literature

- Summarizes and interprets 1ry literature. - Information generally well -accepted in medical practice. – e.g.: Textbooks, Review articles.

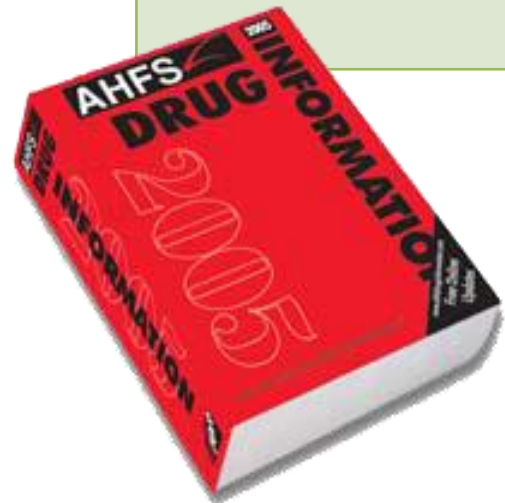
A) General drug information references

- AHFS
- Handbook of Drug information (Lexi)
- BNF
- PDR
- Handbook of clinical drugs data
- Mosby's drug consult
- USPDI
- Martindale
- Merck manual
- Micromedex, Lexi, (IDIS, PubMed).

B) Topic specific tertiary references

- Drugs in pregnancy and lactation
- Harriet Laine (pediatric)
- Handbook of injectable drugs

Source	ASHP “Yearly with quarterly updates”
Format	Electronic & print
Content	<ul style="list-style-type: none">✧ Arranged alphabetically “Pharmacological-Therapeutic class.”✧ Introductory Description✧ Laboratory Test Interferences✧ Acute and Chronic Toxicity✧ Chemistry and Stability✧ Preparations
Index	<ul style="list-style-type: none">✧ Alphabetically arranged✧ Trade name✧ Pharmacologic-therapeutic classification



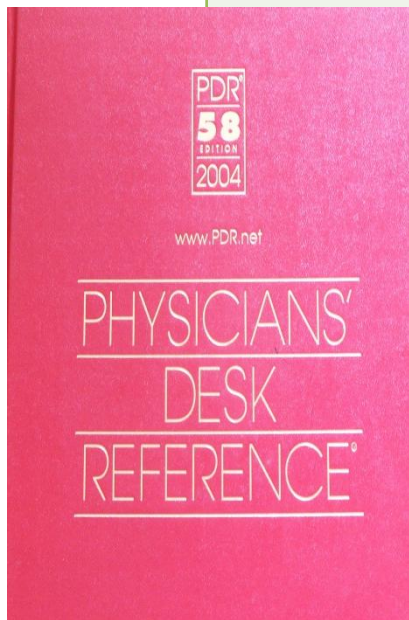
AHFS Drug Information (American Hospital Formulary Service)

Source	American Pharmacists Association (APhA) "Yearly"
Format	Electronic & print & PDA's
Content	<ul style="list-style-type: none"> ✧ Arranged alphabetically "GENERIC NAME" ✧ Unlabeled/investigational use ✧ Dietary considerations ✧ Administrations ✧ Monitoring Parameters ✧ Reference range ✧ Test interactions ✧ Patient information.
Appendixes	<ul style="list-style-type: none"> ✧ Abbreviations and measurements ✧ Assessment of liver & renal function ✧ Comparative drug charts ✧ Cytochrome P450 and drug interactions ✧ Immunization and vaccination ✧ Infectious disease prophylaxis and treatment ✧ Laboratory values ✧ Parenteral nutrition ✧ Therapy recommendations ✧ Toxicology



Drug Information Handbook (lexi)

Source	Thomson PDR & participating manufacturers. “Yearly”
Format	Print (prepared by the manufacturer)
Index	<p>Section 1: Manufacturers’ Index. (Gray pages)</p> <p>Section 2: Brand and Generic Name Index. (White pages)</p> <p>Section 3: Product Category Index. (Gray pages).</p> <p>Key to controlled substances categories.</p> <p>Key to FDA use in pregnancy rating</p> <p>U.S FDA telephone directory.</p> <p>Poison control centers.</p> <p>Herb/drug interactions.</p> <p>Section 4: Product Identification Guide. (Gray pages) (PHOTOS)</p> <p>Section 5: Product Information. (white pages)</p> <p>Section 6: Diagnostic Product Information.</p> <p>Patient assistance programs..</p> <p>Vaccine adverse event reporting form.</p> <p>US Medication errors reporting form.</p> <p>ISMP’S List of error-prone abbreviation, symbols and dose designations.</p> <p>Adverse Event Report Forms (MedWatch).</p>



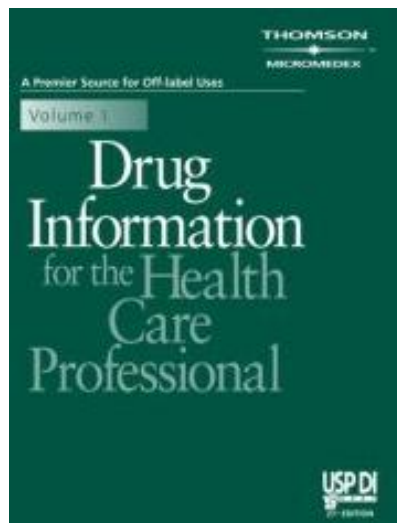
(PDR) Physicians’ Desk Reference

“BNF” British National Formulary

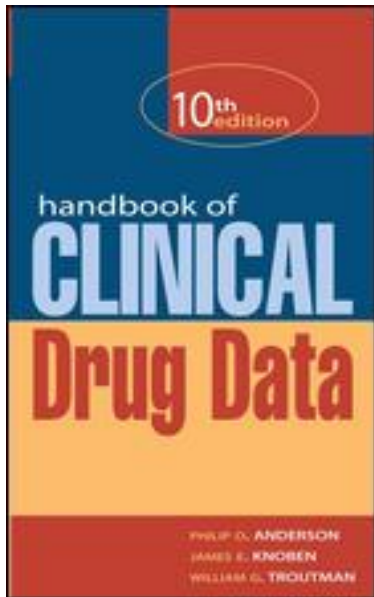
Source	British Medical Association and the Royal Pharmaceutical Society of Great Britain. “biannually at March & Sep”
Format	Print
Content	Classified notes on clinical conditions, drugs and preparations. “Body systems” Trade name (include price*) The Yellow Cards
Appendixes	interactions liver disease renal impairment pregnancy breast-feeding intravenous additives



Source	The content reviewed and approved by the US Pharmacopial Convention. “yearly by Micromedex, Inc.”
Format	<p>Volume I: Drug Information for the Health Care Professional.</p> <ul style="list-style-type: none"> ■ A printed book ■ The Desktop Series CD-ROM ■ Micromedex® Healthcare Series. <p>Volume II: Advice for the Patient. (pictograms)</p> <p>Volume III: Approved Drug Products and Legal Requirements. (Print only)</p>
Content	<ul style="list-style-type: none"> ◇ Volume I: Drug Information for the Health Care Professional. <ul style="list-style-type: none"> ◇ Grouped under family headings that arranged alphabetically. ◇ Brand names ◇ Patient Consultation ◇ General Dosing Information
Appendixes	<p>Appendix I. : Additional products and uses</p> <p>Appendix II. : Selected list of drug induced effects</p> <p>Appendix V: the medicine chart (pictograms)</p> <p>Appendix VII: Combination Cross Reference Listing</p> <p>Appendix IX: the UEP Practitioners Reporting Network</p>
Index	<p>1-Indications index</p> <p>2-General index</p>

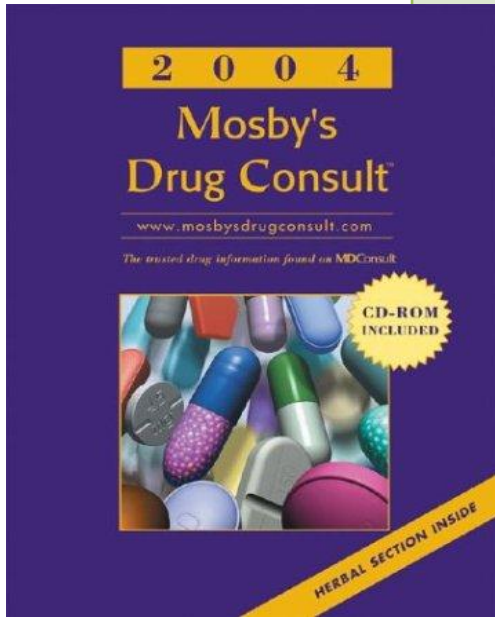


USP-DI



Part I: Drug monographs	<ul style="list-style-type: none">▪ 10 major drug categories▪ Subdivided therapeutic groups▪ Alphabetically (Monographs or Minimonographs)▪ Comparison charts▪ Brand Name▪ Patient instructions
Part II: Clinical information	<ul style="list-style-type: none">▪ Chapter 1 : Drug-induced Diseases▪ Chapter 2: Drug use in special populations▪ Chapter 3: Immunization▪ Chapter 4: Medical Emergencies<ul style="list-style-type: none">– Anaphylaxis– Cardiac arrest– Poisoning– Status epileptics▪ Chapter 5: drug interaction & interferences<ul style="list-style-type: none">– CYP450 enzyme interactions– Drug-induced discoloration of feces & urine▪ Chapter 6: Nutrition support
Part III Appendices	<ul style="list-style-type: none">▪ Appendix 1: Conversion Factors▪ Appendix 2: Anthropometrics▪ Appendix 3: Laboratory indices▪ Appendix 4: Drug-Lab test interference▪ Appendix 5: Pharmacokinetic equations

HCDD



Source	FDA-approved labeling and information from suppliers.
Content	<ul style="list-style-type: none"> ■ Section I: Indexes ■ Section II: DRUG INFORMATION <ul style="list-style-type: none"> ■ Organized alphabetically by generic name. ■ Cost of the therapy ■ Section II: HERBAL INFORMATION: the 50 ■ Section IV – Appendix A: <u>Comparative drug tables.</u> – Appendix B: <u>Additional information.</u> <ul style="list-style-type: none"> ■ FDA Pregnancy categories ■ DEA Schedules of Controlled Substances ■ Therapeutic and Toxic Blood Levels ■ Immunization ■ Oral Dosage Forms That Should Not Be Crushed. ■ IV Compatibilities Table ■ Normal Values of Standard Laboratory and Function Tests. – Appendix C: Supplier profiles.
Index	<p>Section I of the book</p> <ul style="list-style-type: none"> ➤ KEYWORD INDEX <ul style="list-style-type: none"> – Generic names – US brand names – FDA approved indications – Drug Class ➤ INTERNATIONAL BRANDS INDEX

Mosby's Drug Consult

Publication	Published every three years.
Format	Print, electronically on CD & as Martindale Online
Content	<ul style="list-style-type: none"> ◆ PART 1: Monographs on drugs and ancillary substances <ul style="list-style-type: none"> • Similar uses or actions. • Disease treatment reviews (descriptions of those diseases with reviews of the choice of treatments). ◆ PART 2: Supplementary drugs and other substances. ◆ PART 3: Preparations.
Index	<ul style="list-style-type: none"> • Directory of Manufacturers. • General Index



Thanks!

