

Handbook of forensic toxicology for medical examiners

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Abstrak

Forensic professionals, often working through heavy caseloads, require quick and easy access to reliable sources of information to help interpret toxicology results. While several in-depth resources are available, they are often large, cumbersome, and contain more information than is needed. The Handbook of Forensic Toxicology for Medical Examiners is a concise handbook referencing the most common toxic substances and their levels of toxicity, making it an ideal text for quick confirmation in the field or in the lab." "The book begins by explaining the proper selection and submission of specimens for toxicological analysis. It describes the various types of specimens and identifies the cases for which these specimens would be most useful, providing instruction on proper collection. The author then explains the methodology involved in performing the specific tests." "The main section of the text consists of an alphabetical listing of nearly 300 toxic substances, including drugs of -- abuse, poisons, prescription drugs, and over-the-counter medications. For each entry, the book provides the common brand names; classification; half life; volume of distribution; usual dosage; tables of toxicity in various samples, including blood, urine, and tissues; and other important information based on the extensive experience of the author. The text is heavily referenced with materials that are useful for preparation of courtroom testimony, and it contains supplemental appendices with information on acetylcholinesterase inhibitors, drugs that prolong the QT interval, pharmacogenetics, normal laboratory values, and conversion charts." "The busy forensic professional needs a concise handbook that provides critical information quickly without the need to wade through extraneous and inconsequential material. This volume offers an easy-to-use format that allows quick access to the most pertinent information, saving time and increasing accuracy." --Book Jacket.