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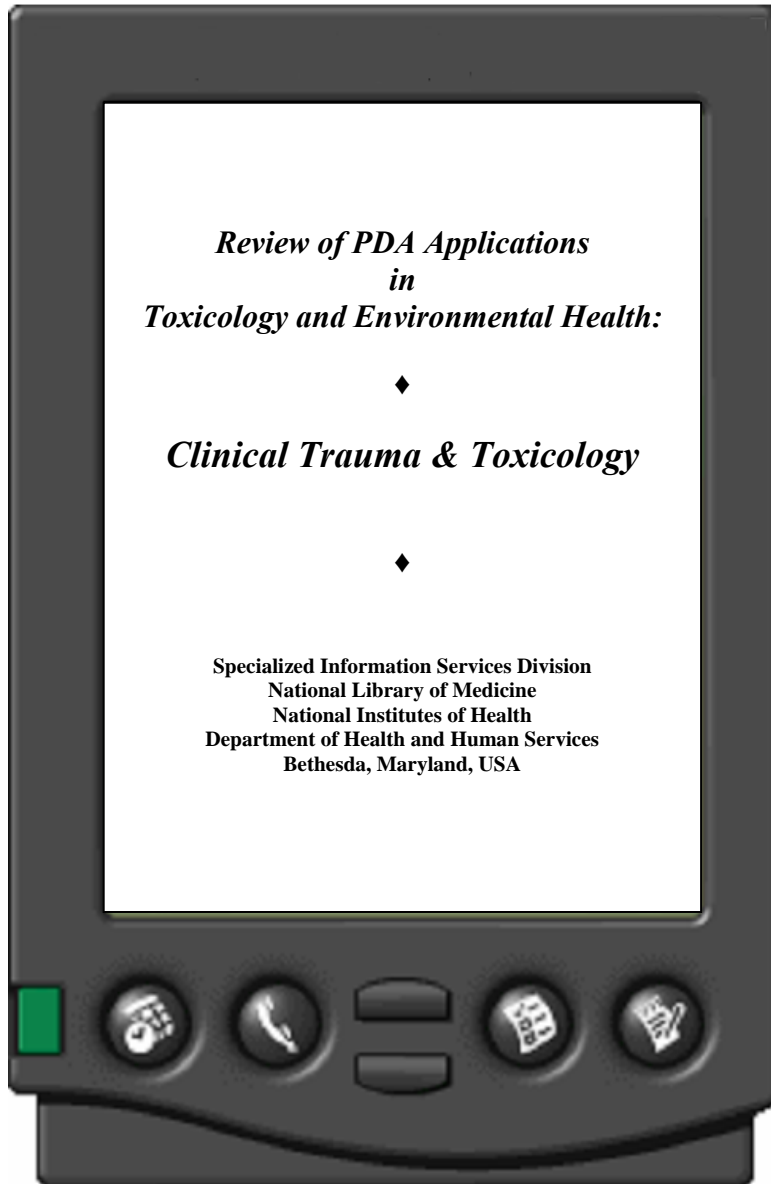
*Review of PDA Applications  
in  
Toxicology and Environmental Health:*



*Clinical Trauma & Toxicology*

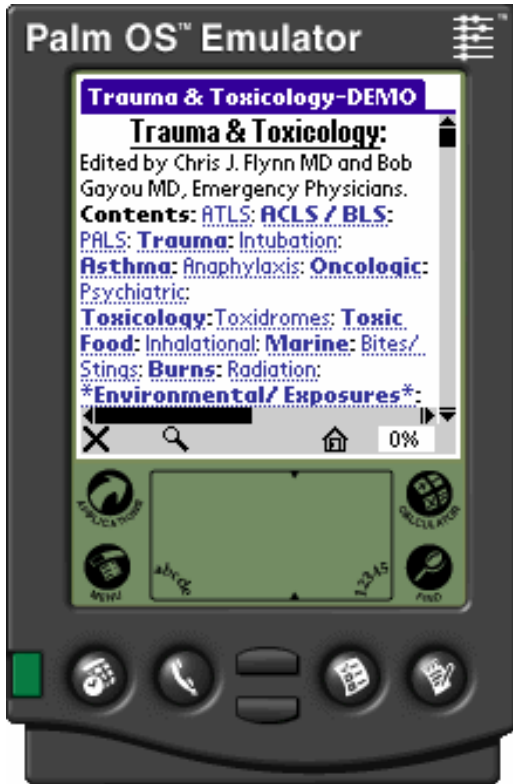


Specialized Information Services Division  
National Library of Medicine  
National Institutes of Health  
Department of Health and Human Services  
Bethesda, Maryland, USA



# *Clinical Trauma & Toxicology*

(Reviewed 01/2004)



## General Information

For general comments regarding the *Review of PDA Applications in Toxicology and Environmental Health*, please see the [Overview](#). Here we review the main technical and content features of the Palm OS version of *Clinical Trauma & Toxicology* (3.8) based upon a free, downloadable demo. According to its author, Carl G. Weber, MD, this application “is designed as a quick and yet extensive reference for the diagnosis and treatment of the majority of problems that may present in a primary care physician’s practice.” It also “provides concise, quick information that can be used during a busy clinical day.” The stated purpose of its contents is to summarize adequately “medical information in a concise and easy-to-read format.” Some of its special features include multiple illustrations, references, and detailed treatments and workups.

## Intended Users

- Practicing Clinicians
- Resident Physicians
- Medical Students

## Authorship/Data Source

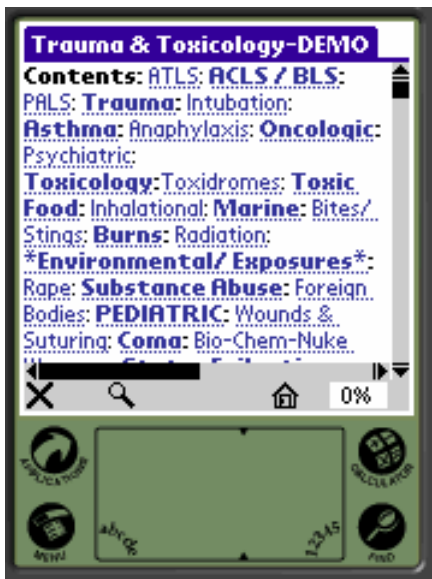
This e-document is authored by Carl G. Weber, MD, and published by Pacific Primary Care. It is edited by board-certified emergency physicians. The information it contains “has been culled from peer-reviewed articles and manuscripts, key textbooks and review courses published within the last few years.”

## Contents

This e-document covers topics relevant to emergency medical care, thus providing a portable information resource for those who require quick access to crucial information

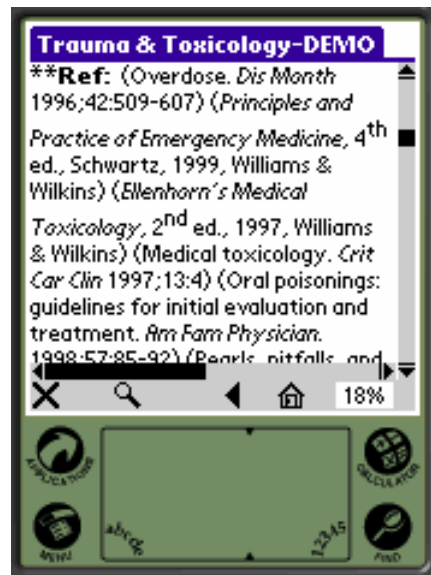
during medical emergencies. The following topics pertain specifically to toxicological emergencies:

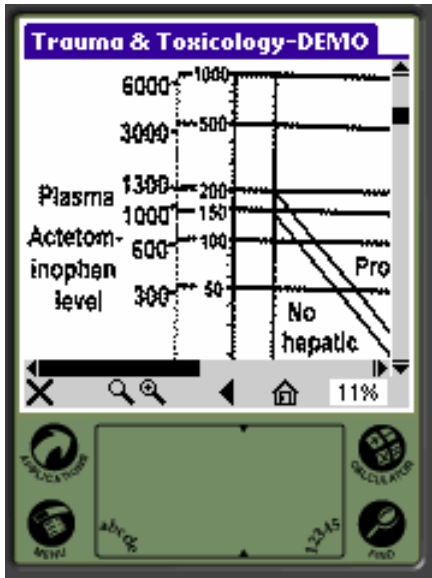
- ◆ Anaphylaxis
- ◆ Animal and Insect Bites/Stings
- ◆ Biological, Chemical, and Nuclear Terrorism (updated 12/15/02)
- ◆ Common Toxidromes
- ◆ Inhalational Injuries
- ◆ Marine Injuries (Envenomations)
- ◆ Radiation
- ◆ Substance Abuse
- ◆ Toxic Food Ingestions
- ◆ Toxicology Evaluation



◀ This e-document is organized into sections providing concise symptomatic, diagnostic, and treatment information for specific toxicological emergencies. A listing of the contents at the beginning of the document shows all the sections and provides links to them. Additionally, there are links within individual sections.

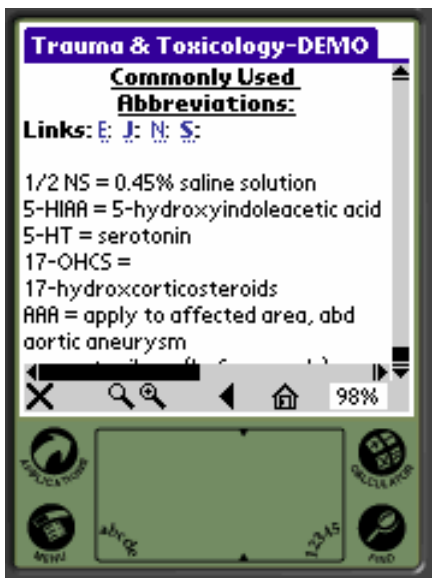
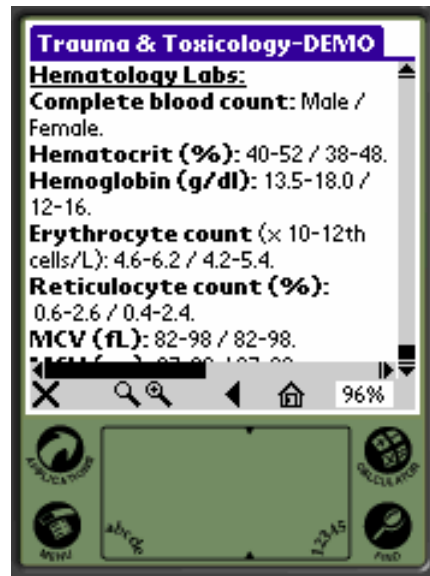
▶ References are provided throughout the document at the end of each major section.





◀ *Graphs, such as the Rumack–Matthew nomogram displayed in the section on acute acetaminophen poisoning, complement some of the treatment protocols.*

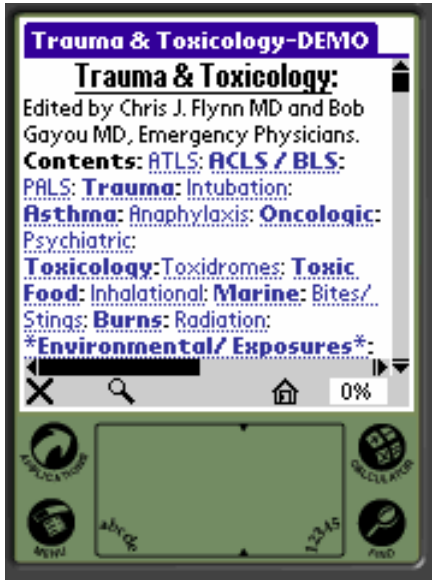
▶ *The document also lists common lab values, including hematology and endocrinology lab values.*



◀ *An explanatory list of abbreviations and acronyms used throughout the document is provided at the end of the text.*

## Navigation

This is an application that functions in an offline mode and does not require any degree of mobile connectivity. The *iSilo*<sup>™</sup> reader is required to view the *Clinical Trauma & Toxicology* e-document. For detailed information on the *iSilo*<sup>™</sup> reader and its functionality and features, please visit the *iSilo*<sup>™</sup> website at [www.isilo.com](http://www.isilo.com).



◀ *Once the document has been opened, the user will see a vertical and a horizontal scroll bar, text, and three icons below the viewing screen – from left to right, Exit (for terminating the program), Find (for searching the document), and Home (for returning to the top of the document). A position counter, which indicates the user's position within the document, displayed as a percentage value, is found at the bottom right-hand side of the screen.*

(Please note that the application reviewed here uses version 3.3 of the *iSilo*<sup>™</sup> reader. Employing other versions of the *iSilo*<sup>™</sup> reader will likely result in different screen displays and navigational features.)

## Requirements

- ❖ Palm OS 3.0
- ❖ 276 KB of RAM
- ❖ *iSilo*<sup>™</sup> reader 3.0

## Application Type/Price

- ❖ Shareware
- ❖ \$12.99 – *Clinical Trauma & Toxicology* (includes free updates for 1 year)
- ❖ \$19.99 – *iSilo*<sup>™</sup> reader (single-user license)

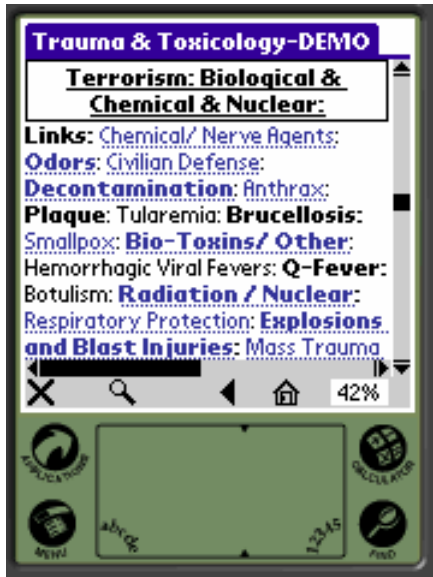
## Availability

*Clinical Trauma & Toxicology* is available from commercial PDA software distributors. The *iSilo*<sup>™</sup> reader is available from [iSilo.com](http://iSilo.com).

## Useful Web Links

For further information regarding *iSilo*<sup>™</sup>, visit [www.isilo.com](http://www.isilo.com).

## Updates



◀ *The toxicological section of this application was updated on 12/15/02 with additional content on biological, chemical, and nuclear terrorism, as shown in the screen shot.*

# **Review of PDA Applications in Toxicology and Environmental Health**

## **Overview**

Handheld computer devices known as Personal Digital Assistants (PDAs) are increasingly being used in the fields of toxicology and environmental health. Moreover, software applications covering specialized subject matter in these fields are increasingly being made available to PDA users.

In an effort to provide information on the main technical and content features of selected applications, the National Library of Medicine's Division of Specialized Information Services (SIS) has undertaken an ongoing review of them. Typically, individual reports in the review series are based on free, downloadable demos.

Each report typically covers the following topics: General Information, Intended Users, Authorship/Data Source, Contents, Navigation, Requirements, Application Type/Price, Availability, Useful Web Links, and Updates.



**Note:** The *Review of PDA Applications in Toxicology and Environmental Health* is not intended to be all comprehensive, but rather a review of selected applications. SIS staff welcomes any comments on completed reviews or suggestions for additional reviews of applications not currently included, as long as they fall within the scope of toxicology and environmental health. You may contact us via email at [tehip@tehnlm.nih.gov](mailto:tehip@tehnlm.nih.gov) with any comments, questions, or suggestions.

It is not the intention of SIS staff to recommend, or not recommend, any particular PDA device(s) or software application(s), but rather to provide an objective and descriptive review of the main technical and content features of selected applications based on their downloadable demo versions.

[<BACK>](#)