IC-156

F ™

DIGITAL BOOK

SCHWARTZ
SHIRES
SPENCER

*S*PRINCIPLES OF
Surgery
Sixth Edition

COMPANION
HANDBOOK

User's Manual

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Contents

✓ **About the Screen Illustrations**

Some screen illustrations in this User's Manual may vary slightly from what you see on screen. These variations do not mean that this digital book or your Digital Book System is malfunctioning.

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Key Guide

Function Keys

(CLEAR)	Clear to the default state.
(MENU)	Display the main menus.
(GAMES)	No function in this digital book.
(MORE)	Find more matches after a word search.
(LIST)	Display the note list menu from the text.
(SPEC)	From the text, display the Outline and back up through the Outline levels.
(CARD)	Exit the selected digital book.
(ON/OFF)	Turn the Digital Book System on or off.

Direction Keys

⇧⇨⇦⇩	Scroll, or move the cursor or highlight.
DN/UP	Page down or up.
○¹ + ⇩⇧	At menus, highlight the first or last item. At the text, go to the next or previous section heading.
○¹ + **DN/UP**	At the text, go to the next or previous paragraph. After word searches, display the next or previous Outline location of a match.

Other Keys

(BACK)	Erase a typed letter, display the previous screen, or turn off the highlight in the text.
(ENTER)	Select a menu item, enter search word(s), or start the highlight in the text.
(HELP)	Display an appropriate help message.

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Other Keys (cont'd.)

(SHIFT)	Shift keys to type capitals or punctuation.
(SPACE)	Type a space or pages down.
(?*)	At menus, display a highlighted item. At the text, display the Outline location.
(SHIFT) + (?*)	Type an asterisk after letters to search for word completions.

Gold Key Combinations[2]

⬭ + (BACK)	From any Outline level or Index entry, go to the top level of the Outline or Index menu.
⬭ + (CARD)	Transfer a word from one installed digital book to look it up in another.
⬭ + **DN**	At menus, highlight the next item that begins with the letter(s) you've typed, if any.
⬭ + (ENTER)	From any Outline level, go directly to the text. At the text, highlight a note, figure, or reference marker, if any.
⬭ + (N)	Place a note in the text.
⬭ + (Q) etc.	If you're using the DBS-1 or the DBS-2, type numbers.

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[1] *The gold key at the bottom left of the keyboard.*
[2] *Hold the gold key while pressing the second key.*

Installing the Digital Book

You must install this digital book in your Digital Book System before you can use it.

WARNING: Never install a digital book when the Digital Book System is on. If you do, information that you entered in any other installed digital book may be erased.

1. **Turn off the Digital Book System.**
2. **Install the digital book into a slot on the back.**
3. **Press** (ON/OFF).
4. **If needed, turn the wheel on the side of the Digital Book System to adjust the screen contrast.**
   If the screen is still blank, check the batteries.
5. **Press** (CARD).
6. **Press** ⊡ **or** ⊡ **to highlight the appropriate icon.**

```
PRINCIPLES
  OF
Surgery
     SIXTH
   EDITION
```

7. **Press** (ENTER) **to select it.**
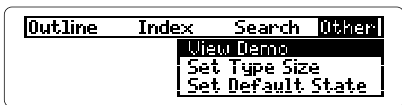
✓ Resuming Where You Left Off

Should you forget to turn off the Digital Book System while using this digital book, the Digital Book System will shut off automatically after a few minutes. When you turn the Digital Book System on again, the screen that you last viewed appears.

Viewing a Demonstration

Before you start using this digital book, you may want to view a demonstration of what it can do.

1. Press (CLEAR).

2. Press (MENU).

3. Press the arrow keys to highlight
   ***View Demo* on the Other menu.**

```
Outline    Index    Search   Other
                  View Demo
                  Set Type Size
                  Set Default State
```

4. Press (ENTER) to start the demonstration.

5. To stop the demonstration, press (CLEAR).

✓ Using the Menus

• The flashing arrows at the bottom right of the screen show which arrow keys you can press to highlight menu items or scroll through text.

• Slanted arrows to the right of a menu item indicates that a submenu exists for that item.

• To view the full text of a menu item that is only partially visible, highlight the item and then press (?*).

✓ Help is Always at Hand

You can view an appropriate help message at virtually any screen by pressing (HELP). Then press ⬇ or the DN key to read it. Press (BACK) to exit help.
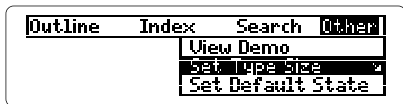
Changing Settings

You can change the type size, default state, and shut-off time of this digital book.

1. Press MENU.

2. Press the arrow keys to highlight *Set Type Size, Set Default State*, or *Set Shutoff* on the Other menu.

```
Outline    Index    Search  Other
                 View Demo
              Set Type Size      ↕
              Set Default State
```

3. Press ENTER to view the settings.

A check marks the current setting.

4. Press the arrow keys to highlight a setting.

5. Press ENTER to select it.

Or press BACK to keep the current setting.

✓ Understanding Settings

- *Set Type Size* determines how large letters and other characters appear on the screen.

- *Set Default State* determines the screen that appears whenever you press CLEAR. If you select *Word Search* as the default state, the Word Search entry screen appears. If you select *Outline menu* or *Index menu,* that menu is highlighted.

- *Set Shutoff* determines how long the Digital Book System stays on if you forget to turn it off.
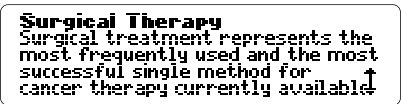
8

Using the Outline

If you know which chapter contains the information that you want, you can use the Outline menu to find it.

1. **Press (CLEAR).**

2. **Press (MENU).**

3. **Press the arrow keys to highlight a chapter title on the Outline menu (e.g., _Oncology_).**
   You can also type the chapter number (e.g., _9_) to highlight a chapter. To undo a typed number, press (BACK).

```
Outline   Index   Search   Other
7 Burns
8 Wound Care and Wound Healing
9 Oncology
```
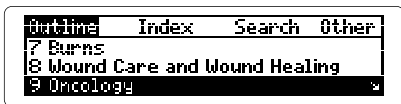
4. **Press (ENTER).**

5. **Highlight a section (e.g., _THERAPY_) and then press (ENTER).**
   To highlight a section, scroll down or type its title.

6. **Highlight a subsection (e.g., _Surgical Therapy_) and then press (ENTER).**

```
Surgical Therapy
Surgical treatment represents the
most frequently used and the most
successful single method for
cancer therapy currently available
```

7. **Press the Direction keys to read the text.**
   To back up through the Outline levels,
   press (SPEC) repeatedly.

8. **Press (CLEAR) when done.**

✓ **Using the Outline Shortcuts**

To. . .	Press. . .
highlight the next item that begins with the letter(s) you've typed, if any	⬭ + the DN key
highlight the first or last item of any Outline level	⬭ + ⬇ or ⬆
go to the chapter level from any lower level	⬭ + (BACK)
go to text directly from from any Outline level	⬭ + (ENTER)

✓ **Where in the Book Are You?**

When the text of the book is on screen, you can view its Outline location by pressing (?*).

```
Outline location:
9 Oncology
  THERAPY
   Surgical Therapy
```
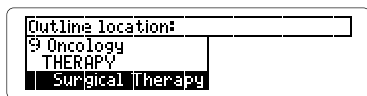
Then press (BACK) to go back to the text.

NOTE: When you press (?*), a "snapshot" of the Outline location appears, but not the Outline menu itself. To go to the Outline from text, press (SPEC). Then you can select a chapter and section to read.

Using the Index

An easy way to find a specific topic is to enter it at the Index menu. Usually you need to type only the first few letters of a topic to find it. Try this example.

1. Press (CLEAR).

2. Press (MENU).

3. Press the arrow keys to highlight the Index menu.

4. Start typing a word or phrase (e.g., *Gallstones*).

```
Outline   Index   Search  Other
Gallstone(s)
Gallstone ileus
Ganglia
```

The slanted arrow (⇘) shows that this Index entry has subentries. You don't need to type capitals.

5. When the entry is highlighted, press (ENTER).

6. Highlight a subentry (e.g., *treatment of*) and then press (ENTER).

You can type the subentry to highlight it.

```
Treatment

Open cholecystectomy
This operation has been the gold
standard for the treatment of
```

7. Press the Direction keys to read the text.

To go back to the Index, press (BACK). Then you can select another Index subentry or entry.

8. Press (CLEAR) when done.

Searching for Words

You can quickly find the occurrences, or matches, of nearly any word or phrase in this book. Just enter the word(s) at the Word Search screen. Word searches can contain up to five words, but you can't search for common words such as *the* and *and*.

1. Highlight *Word Search* on the Search menu and then press (ENTER).

Or simply press (CLEAR) if you've selected *Word Search* as the default state.

2. Type one or more words (e.g., *AIDS*).

```
Type words to find then press
ENTER. Or press HELP.
aids◄
Press MENU for other options.
```

You don't need to type capitals.

3. Press (ENTER) to search for the word(s).

```
Outline location:
15 Tumors of the Head and Neck
AIDS-RELATED DISORDERS           ↑
```
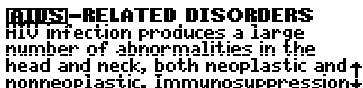
This is the Outline location of the first match of your search word(s). After you enter a word search, matches in the Outline menu are displayed first. Additional matches may be found in the Index menu.
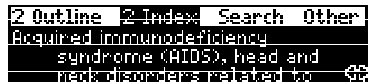
4. Press (ENTER) to view the first match.

```
[AIDS]-RELATED DISORDERS
HIV infection produces a large
number of abnormalities in the
head and neck, both neoplastic and↑
nonneoplastic. Immunosuppression↓
```

A box marks the matching word(s).

5. Press ⬭ plus the DN key repeatedly to view the Outline location of the next matches.

To view a previous match, hold ⬭ and press the UP key.

6. When *Remaining Matches in Index* appears, press MENU.

```
2 Outline 2 Index Search Other
Acquired immunodeficiency
   syndrome (AIDS), head and
   neck disorders related to    ⇕
```

The numbers in the menu titles indicate the matches found in each menu.

7. Press the arrow keys to highlight an Index entry.

8. Press ENTER repeatedly to view its match.
NOTE: You may have to scroll down to see the matching word(s) in text.

9. To return to the menus, press MENU.

10. Press CLEAR to clear your search.

✓ If You Misspell a Search Word

A list of corrections automatically appears if you enter a misspelled search word. Simply highlight a correction and then press ENTER to search for it.

✓ Narrowing Your Searches

If a word search finds too many matches, you can narrow the search by adding more words.

For example, if you search for *heart*, you will find too many matches to quickly review. So press (BACK), or select *Change Search Query* on the Search menu, type a space and *lung* after *heart*, and then press (ENTER). Now you will find a more manageable number of matches.

✓ Expanding Your Searches

You can expand a word search by pressing (MORE) up to five times after you have entered search word(s). Each time that you press (MORE), the previous matches are discarded and new matches, if any, of synonyms and similar words are found.

✓ Searching for Completions

If you're not sure which form of a word to search for, type an asterisk in place of a series of letters in the word (e.g., *bacter*✳) at the Word Search screen. (To type an asterisk, hold (SHIFT) and press (?•).) Then press (ENTER).

```
Completions for bacter
bacteremia
bacteria
bacterial                    ↓
```
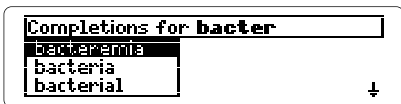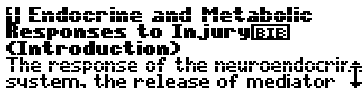
Select a completion to search for its matches.

Highlighting Search Words

You can also search for words by highlighting them in the text. Remember, words such as *the* and *of* are too common to search for. Try this example.
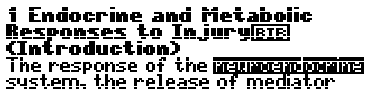
1. **Highlight *1 Endocrine and Metabolic Responses to Injury* on the Outline menu.**
2. **Hold ⊙ and press (ENTER) to go directly to the start of the chapter.**
3. **Press (ENTER) to start the highlight.**

```
1 Endocrine and Metabolic
Responses to InjuryRTB
(Introduction)
The response of the neuroendocrine
system, the release of mediator ↓
```

NOTE: You can turn off the highlight by pressing (BACK).

4. **Press the arrow keys to highlight a word (e.g., *neuroendocrine*).**

```
1 Endocrine and Metabolic
Responses to InjuryRTB
(Introduction)
The response of the neuroendocrine
system, the release of mediator
```

5. **Press (ENTER) to search for it.**
6. **Hold ⊙ and press the DN key to view the Outline locations of the next matches.**
7. **Press (MENU) to view the match on the Index menu.**
8. **Select a matching menu item to view.**
9. **Press (CLEAR) to clear the search.**

Viewing Figures, Footnotes, etc.

Throughout the text of this book, markers for bibliographic references (⟨BIB⟩), figures (⟨FIG⟩), general footnotes (⟨FOOT⟩), and cross-references (⟨XREF⟩) appear. Cross-references take you directly to the cross-referenced text. Try this example.

1. Highlight *4 Shock* on the Outline menu.

2. Hold ⬭ and press ⟨ENTER⟩ to go directly to the text.
   Notice the ⟨BIB⟩ next to the chapter title.

3. Press ⟨ENTER⟩ to start the highlight.

4. Press the arrow keys to highlight the ⟨BIB⟩.

5. Press ⟨ENTER⟩ to view the bibliographic reference.

> For a more detailed discussion, see
> Shires GT III, Shires GT, Carrico CJ:
> Shock, Chap. 4 in *Principles of*
> *Surgery*, 6/e.

6. Press ⟨BACK⟩ to go back to the text.

7. Press ⟨BACK⟩ again to turn off the highlight.

✓ Another Way to Highlight Markers

When a text marker is on the screen, hold ⬭ and press ⟨ENTER⟩ . The marker nearest the top of the screen will be highlighted.

Continue holding ⬭ and pressing ⟨ENTER⟩ to highlight other markers on screen, if any. Then press ⟨ENTER⟩ to view the contents of a highlighted marker.

Finding Tables and Figures

Each chapter's tables and figures are listed on the section level of the Outline. Here's how to find them.

1. Highlight *1 Endocrine and Metabolic Responses to Injury* on the Outline menu and then press (ENTER).

2. Press ⬇ or the DN key to highlight *Table 1-2. Cell-Derived Mediators* and then press (ENTER).

The row or column headings of the table appear.

3. Highlight a heading and then press (ENTER) to view the table.

> • **Macrophage or monocyte:**
>   Lysozyme, prostaglandins,
>   leukotrienes, lipoprotein
>   lipase, elastase, plasminogen
>   activator, collagenase,

4. Press (BACK) to go back to the Outline.

✓ Understanding Tables

In this digital book, tables are displayed as bulleted lists. After you select a table from the Outline menu, you must select from a submenu of row and/or column headings.

If a table has columns only, each column heading in the text is in boldfaced type and is followed by the items listed under that column.

If a table has both rows and columns, the row headings in the text are in boldface type, the column headings are bulleted, and the contents of each cell follow each column heading.
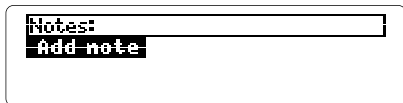
Using Notes

You can place your own notes in the text of this digital book. Then you can use your notes as bookmarks to quickly find the sections that you refer to most often.

▶ Placing Notes

Each note can contain up to 23 characters. The number of notes you can place depends on the length of each note. Once a note is place, you can't edit it.

1. When any text is on screen, press $\boxed{\text{LIST}}$.

```
Notes:
Add note
```

2. Press $\boxed{\text{ENTER}}$ to select *Add note*.

3. Type a note of your own and then press $\boxed{\text{ENTER}}$. Or press $\boxed{\text{ENTER}}$ to place the note already typed.
   A 𝗡𝗢𝗧𝗘 marks the placement of your note in text.

▶ Finding and Removing Notes

To view or remove a note, you must first find it.

1. When any text is on screen, press $\boxed{\text{LIST}}$.

2. Press $\boxed{\text{⇩}}$ to highlight a note.
   Type its first few letters or scroll to it.

```
Notes:
Add note
Pediatric Burns
Vascular constriction          ↓
```

Your notes, like these samples, are listed alphabetically.

3. Press (ENTER) to view the placement of the note.

To view the note itself now by pressing (ENTER) twice. Then press (BACK) to go back to the text.

4. To remove the note, press (LIST) and then press (ENTER) to select *Remove note*.

```
Notes:
Remove note: Pediatric Burns
Pediatric Burns
Vascular constriction         ↓
```
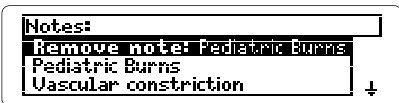
✓ A Quick Way to Place Notes

When the text is on the screen, you can quickly place a note by holding ⬭ and pressing (N). Then press (ENTER) to place the already typed note, or type and enter your own note.

✓ Removing All Your Notes

You can remove all your notes at one time by resetting the Digital Book System when this digital book is installed. To learn how to reset the Digital Book System, read "Using the Digital Book System."

WARNING: Resetting the Digital Book System erases information that you have entered in any installed digital books.

Looking Up Words in Other Books

You can transfer words between this digital book and certain other installed digital books in order to look up the words. For example, you might see a condition listed in the *Pocket PDR™* (IC-151) that you want to look up in this digital book.

To look up words from or in another installed digital book, both books must be able to send and receive words. To learn if they are able to send and receive words, read their User's Manuals.

1. Install both books in your Digital Book System.

2. Press (CARD) and select the sending digital book.

3. Highlight a word in the sending digital book.
   To learn how, read the appropriate section of its User's Manual.

4. Hold ⬭ and press (CARD).

5. Select the receiving digital book.
   The word that you highlighted appears in the initial screen of the receiving digital book.

6. Press (ENTER) to search for the word.
   If a match is found for the word, you can view text using the Direction keys.

7. To return to the sending digital book, press (CARD) and then select its icon.

Using the Digital Book System®

▶ Resetting the Digital Book System

To reset the Digital Book System, hold CLEAR while pressing ON/OFF. Or press the recessed reset button on the back of the Digital Book System. (Read its Basic Operating Guide for details.)

WARNING: Resetting the Digital Book System may permanently erase information, such as notes, that you have entered in the installed digital books.

If the keyboard fails to respond or if the screen performs erratically, you can press CLEAR and then press ON/OFF rather than resetting the Digital Book System. If nothing happens, then reset.

▶ Protecting and Cleaning

• Do not bring statically charged objects in touch with the metal contacts on the back of digital books or the rubber contacts on the Digital Book System. Statically charged objects may erase information that you entered in the digital books.

• Do not put excessive weight on digital books or the Digital Book System or expose them to extreme or prolonged heat, cold, or other adverse conditions.

• To clean digital books, apply isopropyl alcohol with a cotton swab. To clean the Digital Book System, apply a mild household cleaner with a soft cloth. CAUTION: Spraying liquids on digital books or the Digital Book System may damage them.

▶ Replacing the Batteries

The DBS-1 and DBS-2 use four 3-volt, CR2032 lithium batteries. The DBS-2D uses four 1.5-volt, AA batteries.

1. Have new batteries ready.

2. Turn the Digital Book System off.

3. Slide the battery cover off the back.

4. Remove all the batteries.

**5. Place new batteries in the cavities,
   with their pluses oriented correctly.**

  In the DBS-1 and DBS-2 the pluses should face you.

6. Replace the battery cover.

✓ Battery Precautions

When you replace batteries, follow these precautions to avoid erasing information in any installed digital books.

• Replace the batteries before they lose all power.

• Never remove the batteries while the Digital Book System is on.

• Once the batteries have been removed, install new ones within two minutes.

• Never mix old and new batteries.

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Limited Warranty (U.S. only)

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Customer Service

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