COMPACT THIRD EDITION CD-ROM

The Rat Brain in Stereotaxic Coordinates

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The authors thank **Paul Halasz** for the design of the CD-Rom.

FEATURES

This CD-ROM is designed to allow you to print, copy, and search either labeled or unlabeled versions of the diagrams of coronal sections presented in The Rat Brain in Stereotaxic Coordinates, Compact Third Edition. This CD-ROM can be used on a computer which runs either Macintosh System 7 (or better) or MS-Windows 3.1 (or better). It may also be possible to use this CD-ROM with a 386 PC running DOS and with some UNIX systems. The diagrams are presented in Adobe Acrobat Portable Document Format (PDF) which can be read by the Adobe Acrobat Reader software program. The installer for the Acrobat Reader software can be found on this CD-ROM. A special function of Acrobat allows diagrams or parts of diagrams to be copied to most drawing or word processing programs for annotation and custom labeling. In addition to the Acrobat files, there is a set of diagrams in Adobe Illustrator 1.1 format in order to allow more extensive editing with Adobe Illustrator and other graphics programs such as CorelDRAW that can edit Illustrator files.

The CD-ROM also contains the full text of the atlas.

USING ADOBE ILLUSTRATOR FILES FOR EDITING

We have provided a set of labeled diagrams of coronal sections as vector mapped Adobe Illustrator files in case more extensive editing is required. These files can be opened with Adobe Illustrator 1.1 (or better) on appropriately configured Macintosh or MS-Windows computers. These files can be found in the folder entitled AI_FILES

INSTALLATION

Macintosh

1. Start the computer and insert the CD-ROM. The CD-ROM icon will open and display a number of folders, including the MAC INSTALL folder, the Run_RBSC.PDF file, and the folder containing Adobe Illustrator files.

2. Open the MAC INSTALL folder and identify the Disk 1 folder.

3. Open the Disk 1 folder and commence the installation of Adobe Acrobat by opening the Acrobat Reader file entitled ACROREAD.AC. In response to the first window, select CONTINUE, and in response to the second window, select INSTALL.

4. After installation is complete, restart the computer. The screen should display a window with three folders, including the RUN_RBSC.PDF file.

5. Open the RUN_RBSC.PDF file. The START PAGE will appear.

Microsoft Windows95

1. Start the computer and insert the CD-ROM.

2. Open Add/Remove programs in START - Settings - Control Panel.

3. Select Install, Next >, Browse..., locate Setup.exe In folders BRNS_CD - Install - Win - disk1 and click Finish.

4. After installation is complete, restart the computer.

5. Open the RUN_RBSC.PDF file. The START PAGE will appear.

Microsoft Windows 3.1

1. Start the computer and insert the CD-ROM.

2. Open File Manager.

3. Open D:\install\win\disk1\setup.exe.

4. After installation is complete, restart the computer.

5. Open the RUN_RBSC.PDF file. The START PAGE will appear.

THE START PAGE

The START PAGE is the entry point into the labeled and unlabeled diagrams and the alphabetical index of structures and abbreviations. By clicking on different areas on the START PAGE you can open the following:

TITLE - by clicking on this you can open the written introduction to The Rat Brain in Stereotaxic Coordinates, Compact Third Edition.

The stack of LABELED DIAGRAMS - by clicking on this you can open the files containing the labeled diagrams of the brain and spinal cord.

The stack of UNLABELED DIAGRAMS - by clicking on this you can open the files containing the unlabeled diagrams of the brain and spinal cord that are suitable for printing at magnifications from 50% to 200%.

The stack of UNLABELED DIAGRAMS with THICK LINES - by clicking on this you can open the files containing the labeled diagrams of the brain and spinal cord that are suitable for printing at a great reduction without losing definition of lines in the diagram.

INDEX OF ABREVIATIONS - by clicking on this you can view the alphabetical list of abbreviations along with the full name of each structure.

LIST OF STRUCTURES - by clicking on this you can view the alphabetical list of the full names of all structures, each followed by the abbreviation.

HELP - by clicking on this, you are taken to the tabular summary of features of the START PAGE.

VIEWING, PRINTING, AND EDITING THE LABELED AND UNLABELED DIAGRAMS

Click on the relevant area on the START PAGE. The plan diagram of a sagittal section will appear. Click on the relevant area of brain on the sagittal diagram to select a coronal section. The coronal level appears on release of the mouse button. Most, but not all, diagrams are linked to the sagittal plan diagram, so the level selected may be the exact section required or one or two levels away from the desired coronal section. The desired section can quickly be reached by advancing from the section that is displayed. Once a coronal section is displayed, different views and magnifications can be selected from the pull down menus or icons - information on these menus and icons can be found in the Help section of Adobe Acrobat (click on the standard Help icon at the top of the window).

To PRINT the diagram that has been selected, choose Page Setup from the File pull-down menu. Choose the desired magnification or reduction and the paper format to be used. Use the unlabeled diagrams with thick lines if the desired final size is to be less than 50% (the reason for this is that the reduction of the overall diagram also reduces the thickness of the lines, so substantial reductions should be carried out on the diagrams with double thickness lines). Next, select the Print command from the File menu, and select the 'Shrink to Fit Page' option. This ensures that the full page is printed.

To ANNOTATE OR EDIT a diagram or part of a diagram (for example, for the insertion of lesion or electrode placement marks), use the Select Graphics option in the TOOLS menu. All or part of the diagram can be selected and copied for subsequent pasting into a graphics program or an advanced word processor program. The images are copied as bit-mapped images. For better results after the area has been selected, higher magnification should be selected (usually 400%) using the "Zoom to.." option in the VIEW menu. Files or parts of files can also be edited (as vector mapped files) by importing Adobe Illustrator Files (from AI_FILES folder) into Adobe Illustrator or a graphics program such as CorelDRAW that can open Adobe Illustrator files. To return to the sagittal plan diagram, click the Window exit button.

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