

PedCath[®]

Welcome

PedCath was developed in the winter of 1994 at the request of Dr. Allen Everett and others at the University of Virginia Health Sciences Center. While initially conceived 14 years earlier and attempted on one of the original Apple II computers, the processing speed and graphics power available today have enabled us to develop a powerful tool for pediatric cath reporting, used in the majority of congenital cath labs worldwide.

PedCath has been used continuously at the University of Virginia since January 1, 1995. It combines several important features:

- 1) An easy method of recording data specific to the pediatric catheterization laboratory. The program works in any cath lab, on any PC running Windows, and provides a standard set of hemodynamic calculations.
- 2) The definitive atlas of congenital defects. We are proud to be licensed to distribute the *Mullins and Mayer Atlas* for electronic cath reporting. We have expanded the atlas with many new diagrams available for download.
- 3) A visual database of all patients having undergone cardiac catheterization.
- 4) A powerful, built-in drawing program for modifying diagrams to show patient-specific anatomy. The drawing program makes it easy to represent the patient's anatomy accurately, and to add hemodynamic values and other annotations.
- 5) A data structure designed so that statistical summaries may be quickly and easily compiled. **PedCath** includes software for reporting patient groups by diagnosis, age, cath date or physician.

Acknowledgments

Dr. Allen Everett has given freely of his time to help develop **PedCath**. He has also provided invaluable assistance as editor of the *Illustrated Field Guide to Congenital Heart Disease and Repair*, *Illustrated Field Guide to Adult Congenital Heart Disease*, the **PedHeart Resource** (www.HeartPassport.com), and the **PedHeart Community Web** (www.Congenital.org). Without his generous help, none of these would have been possible.

At the University of Virginia, Scott Lim MD, Paul Matherne MD, and Howard Gutgesell MD have aided in the design of **PedCath** and provided technical guidance. Drs. Felice Heller, William Hammill and Naomi Gauthier provided live testing and feedback during the initial testing phase.

PedCath was tested at many institutions before you received this copy.

In particular, we wish to thank:

- Dr. Donald Hagler at the Mayo Clinic
- Dr. Masato Takahashi at Children's Hospital LA
- Dr. James Moller at the University of Minnesota
- Dr. Mark Alexander at Boston Children's Hospital
- Dr. Gil Wernovsky and Dr. Jonathan Rome at Children's Hospital of Philadelphia
- Dr. Ed Overholt at Oklahoma Children's Hospital
- Dr. Michael R. Nihill, Dr. Charles E. Mullins and Dr. Ronald G. Grifka at Texas Children's Hospital

Dr. Lee Benson at The Hospital for Sick Children (Toronto) has guided development of the optional hierarchical diagnostic codes and many other features that have been added to **PedCath** over the years.

We would also like to thank Dr. Charles E. Mullins and Dr. Timothy J. Bricker for their assistance in licensing the *Mullins & Mayer Atlas*[®].

Thanks to all

Overview of Features

Over the past two decades, **PedCath** has become the most widely used software for storing and reporting data from congenital cardiac catheterization procedures. While it remains simple enough to run on virtually any PC, the program is designed with the needs of physicians and other practitioners in mind. It is intended to save valuable time, while improving the accuracy, thoroughness and appearance of cath reports.

With **PedCath**, data entry is designed to be quick and easy. As you enter the results of a catheterization procedure, the program automatically makes standard calculations and displays the results on the screen. A calculation override feature is provided as well, allowing you complete control over every calculated value.

You may select diagnosis and intervention codes, to be stored as part of each cath record. Whether you are using the standard diagnostic code set or an optional one, you can easily select codes and then rank them in order of importance. Optional code sets are also available; current choices include the widely used codes from Boston Children's Hospital, Toronto Hospital for Sick Children, Texas Children's Hospital and the European Paediatric Cardiac Coding System. IMPACT users have access to the STS compatible IMPACT Dx codes.

Perhaps the most unusual feature of **PedCath** is its ability to generate, store, retrieve and print high-quality anatomical diagrams. You may select up to three diagrams for each cath. If a patient's cath record includes more than one set of hemodynamic data, individual diagrams may be specifically associated with one or more data sets.

After selecting an appropriate diagram, you may modify it to match the patient's anatomy by using the special, built-in drawing program. The drawing tools allow you to add text to the diagram or to insert arrows indicating the catheter course. Interventional devices are easily illustrated. Cath data can be automatically embedded or manually inserted from a table directly into the diagram. In addition, you may save the modified diagram as a template, to be used as a starting place when recording future cath data for the same patient.

The printed cath report contains all hemodynamic data, as well as hospital and patient information, the patient's anatomical diagram, and standard calculations. The diagram and other data can be exported to disk in several standard formats, to be used by your institution's internal information systems or directly emailed to other doctors.

The document manager allows you to generate, store and print documents with each cath record, and the image manager allows you to add angio still frames, waveforms, or any other image to your cath report.

***We are always looking for ways to improve your software and enhance its usability.
Please do not hesitate to get in touch with your comments and suggestions.***

**Scientific Software Solutions, Inc.
317 Monte Vista Avenue
Charlottesville, VA 22903**

**Email: support@PedHeart.com
Telephone: 434-293-7661**

PedCath License Agreement

The software described in this document is furnished under a license agreement and may be used only in accordance with the terms of the agreement.

Thank you for purchasing software from *Scientific Software Solutions, Inc.* Our goal is to provide high-quality software for pediatric cardiologists and other subspecialties. Please read the license agreement below. We depend upon you to honor this agreement, so that we can continue to bring you software products that are useful, and a good value.

For your convenience, the CD-ROM disk for **PedCath** is not copy protected. Our license allows you to make as many backup copies of this software as you wish, to protect your investment. You are free to move the software from one computer to another, so long as there is no possibility of its being used at two institutions at one time. If you do not have the multi-user license, this software should be treated like a book, which cannot be read by two people at two different locations at the same time.

License Conditions

The **PedCath** Software is licensed for the exclusive use of the original purchaser ("your institution"), for use at a single location. The Software may be used on a single computer network at that location. "Use" of the Software means the loading into temporary memory (i.e. RAM) or installation into permanent memory (e.g. hard disk or other storage device) of that computer. You may make copies of the Software, solely for backup or archival purposes. The integrated Mullins & Mayer Atlas may be used for the exclusive purpose of preparing printed reports for your institution by the **PedCath** Software. Any other use of the Atlas requires written permission. You may not modify, reverse engineer, decompile, disassemble, translate or make any attempt to discover the source code of the Software, or create derivative works from the Software. You may not copy the Software or Documentation (except for back-up archival purposes).

Copyrights and Trademarks

PedCath, PedCath⁶, PedCath7, PedCath Enterprise, and PedCath8 are trademarks of Scientific Software Solutions, Inc. The **PedCath** software is a Copyright © 1994-2020 of Scientific Software Solutions, Inc. The **PedCath** User's Manual is a Copyright © 1995-2020 of Scientific Software Solutions, Inc. All rights are reserved. The **PedCath** Software ("Software") and User's Manual ("Manual") or portions thereof may not be reproduced in any form whatsoever without prior written permission (except as explicitly permitted by this License Agreement). Contact Scientific Software Solutions, Inc. 317 Monte Vista Avenue, Charlottesville, Virginia, 22903. All versions of the **PedCath** software and User's Manual are the licensed property of Scientific Software Solutions, Inc. Use of the Software and/or Atlas indicates your acceptance of the terms and conditions of this License Agreement, including but not limited to the License Conditions, Disclaimer of Warranty and Choice of Law provisions.

Disclaimer of Warranty

We have made every effort to verify that **PedCath** is an effective tool for preparing cath reports. To the maximum extent permitted by applicable law, **PedCath** is sold "as is", without any warranty of any kind. All warranties, either express or implied, including, but not limited to implied warranties of merchantability and fitness for a particular purpose, are disclaimed. The only exception is the 60-day money back return policy.

No Liability for Consequential Damages.

To the maximum extent permitted by applicable law, in no event shall Software manufacturers or suppliers be liable for any damages whatsoever, including without limitation, damages for loss of business profits, business interruption, loss of business information, or any other pecuniary loss, arising out of the use or inability to use the Software. The liability of Scientific Software Solutions, Inc., under the warranty set forth above shall be limited to the amount paid by the customer for the product. In no event shall Scientific Software Solutions, Inc. be liable or responsible for any problems that arise because of defects with **PedCath** or for any special, consequential, or other damages for breach of warranty.

Choice of Law

This Agreement shall be construed, interpreted, and governed by the laws of the State of Virginia, United States of America.