

Customer: Forth World Media

App Name: PEM Soft

Location: USA, Australia

App Functionality: Pediatric
Emergency Medicine Software

Industry: Medicine and Health Care

Developed on: Mac

Deployed on: Cross Platform

Result: A healthcare solution used
in over 20 countries

About:
Forth World Media is a bespoke
software apps consultancy.

Business Need:
Develop a cross platform Pediatric
solution which is easy for doctors
around the world to use and keep
upto date.

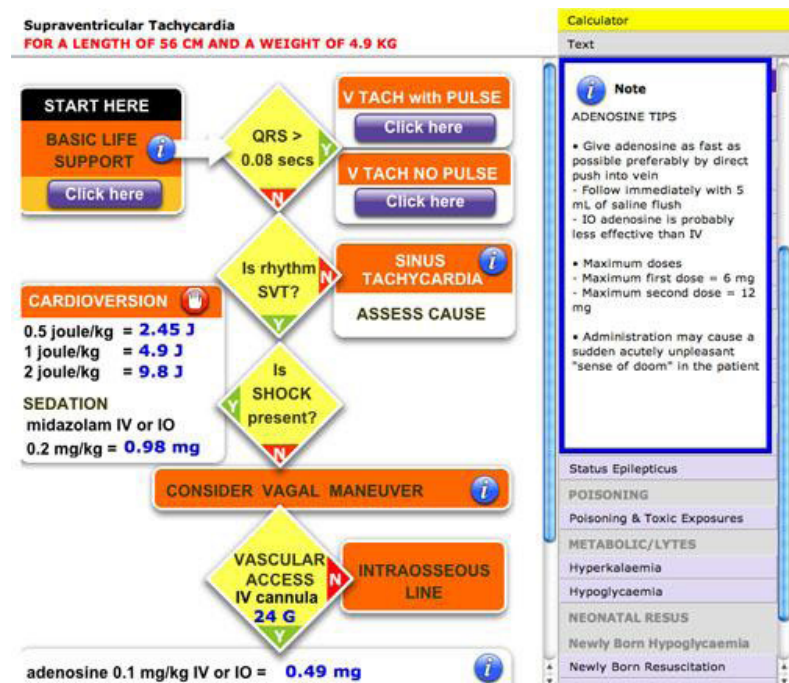
Benefits of LiveCode:
The ease of use speed of
development in LiveCode allowed
PEM Soft to be developed quickly
by a diverse team of developers
and medical specialists. LiveCode
saved us a huge amount of time
and money, whilst delivering a
robust system which met our
complex business needs.



Pediatric Emergency Medicine Software and Kids Care Clinical Library, what it does

Introduction

PEMSoft is a worldwide medical reference system, online clinical library and multimedia decision support system addressing acute and chronic illness and injury conditions in children from newborn to young adult. Founded in 2003 by Dr. W. Robert Pitt and Dr. Ron Dieckmann, PEMSoft has highly linked and searchable information which is constantly updated by a team of over fifty Editors and hundreds of contributors worldwide. One of the interactive algorithms from the unique PEMSoft Resus Tool module



Used in pediatrics, emergency, nursing, paramedics and general medicine worldwide especially the USA, Australia, UK and New Zealand PEMSoft is available in either US or UK English. PEMSoft provides medical education support including the 50 Basic Emergency Topics and 50 Top Primary Care Topics. Content is designed for rapid clinical decision-making at the point-of-care. PEMSoft's navigational approach and search functionality are designed and optimized to enable the clinician to search and find helpful information quickly and move easily from topic to topic. PEMSoft augments the content with thousands of color photos, graphics and videos imbedded in the topics that are instantaneously available. This feature is unprecedented in conventional publications.

PEMSoft includes a formulary with links to appropriate topics, medical calculators, a triage section, quick reference and a toxicology section. The unique and comprehensive resuscitation system "Resus Tools" provides exact drug doses, infusion rates and equipment sizes for children based on the child's length, weight or age.

Distinguishing Features:

- World first length, age or weight-based resuscitation reference tool and calculator for instantaneous drug dosing and equipment sizing
- Intuitive interface designed by clinicians with a 20 year track record in innovative medical software.
- Essential clinical information filtered by over 50 distinguished editors.
- Continuously updated using a rigorous evidence-based editing process.
- Sophisticated navigation and search capability for bedside decision making.
- Separate US and UK English versions with respective drug names and spelling and reflecting difference in practice.
- PEMSoft is published by independent physicians and receives no external funding or support
- Ideal for Medical Education - ideal for didactic teaching - thousands of images
- No other online publication offers the level of decision support performance.
- Drug doses and equipment sizing based on patient's length or age with full set up table giving doses in mL precalculated for any patient from newborn to 18 years of age
- AHA, ILCOR, ARC, ERC and APLS compliant dynamic

resuscitation flow diagrams come with full explanations that BOTH reduce error during resuscitation AND make ideal teaching resources

- Binary decision diamonds form the backbone of every algorithm providing clinical guidance during the resuscitation
- Information, Caution and Warning boxes buttons at critical stages in the algorithm provide additional layers of information
- Many EDs now run Resus Tools on large wall mounted plasma displays in the Resuscitation area
- Pathophysiology, assessment tips, causes, diagnostic studies and treatment principles are provided for over 30 resus algorithms
- The whole team can see and anticipate the steps and drug doses in the resuscitation reducing anxiety, confusion and stress
- "US version" and "UK version" depending on the user location and preference eg, subscriber in the USA will only see US drug names, US spelling and US best practice
- Built-in safety prompts and specific treatment tips and warnings REDUCE RISK and are an invaluable and unique assistance for all level of emergency care providers PEMsoft emo

PEMsoft Demo

What people say about PEMsoft



About RunRev

Founded in 1997, RunRev is a technology company committed to making scalable software development fun, easy and accessible to everyone. To achieve this RunRev has created LiveCode.



About LiveCode

LiveCode is an award winning, high level, cross platform, integrated development environment. Its compile free work flow and highly efficient single code base enables Apps to be developed on Windows, Mac and Linux and deployed on all popular platforms including Mobile, Desktop, Cloud and Server. LiveCode is used around the world by organizations of all sizes to solve real world business problems.

Today millions of people use Apps built using LiveCode.

For more information please contact us:

Web: www.livecode.com | Email: Sales@runrev.com | Call: +44 (0)845 219 8923

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