

# 2011/12



## MEDICAL & SCIENCE MEDIA

### **OBGYN & Pediatrics SOFTWARE**

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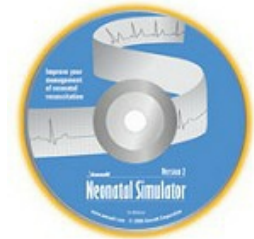
<http://www.msmedia.com.au/obgyn-software.php>

[Cat #: AN-7](#)**Neonatal Simulator - Wins**

Neonatal Simulator 2 complies with the most recent 2005 AHA guidelines! The Neonatal Simulator 2 Package incorporates two modules - Neonatal Simulator 2 for real-time neonatal resuscitation simulation, and Writer to help you write your own case scenarios. This easy to use package contains the most recent American Heart Association Neonatal Resuscitation algorithms, medications and dosages.

A colourful graphic interface, automated record-keeping and an on-line help system create a unique and realistic training environment. Assess the patient, control the airway, breathing and circulation, and administer cardiac medications. You must act quickly in this real-time simulation or the patient's condition will deteriorate! Using Neonatal Simulator 2, you can earn 6 category 1 CME credits. (US only)

- 12 Simulated Cases
- Normal delivery
- Foetal heart rate decelerations
- Severe foetal bradycardia
- Meconium-stained
- Meconium aspiration

**Please Note:**

The Neonatal Simulator 2 Package utilizes Microsoft's .Net technology and requires Windows XP or Windows 2000. Neonatal Simulator 2 requires you to install the .NET Framework on your computer.

**System Requirements:** Internet Explorer 4.01, or higher, or Netscape 4.x.

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[Cat #: AN-9](#)**Obstetrics Simulator - Wins**

The Obstetrics Simulator is an exciting real-time graphical simulator that reproduces obstetric care. Six different patients are presented and you must interpret the fetal heart rate monitor, manage the obstetric condition, fluids and medications to improve the simulated patient's condition.

Many emergency situations will occur requiring rapid diagnosis and proper treatment to avoid disaster. An on-line expert help system is available and an automated record-keeping system provides a detailed chart for the case. Have fun while you practice managing simulated obstetric emergencies!

- Minor trauma
- Major trauma
- Cardiac arrest
- Placental abruption
- Postpartum hemorrhage requiring single agent medical management
- Postpartum hemorrhage requiring multiple agent medical management

**Please Note:**

The Neonatal Simulator 2 Package utilizes Microsoft's .Net technology and requires Windows XP or Windows 2000. Neonatal Simulator 2 requires you to install the .NET Framework on your computer.

**System Requirements:** Internet Explorer 4.01, or higher, or Netscape 4.x.

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[Cat #: AN-10](#)**Pediatric Simulator - Wins**

The Pediatrics Simulator is a real-time graphical simulator that reproduces pediatric patient care. Six different patients are presented and you must manage the airway, ventilation, fluids and medications to improve the simulated patient's condition. Optimize the patient's hemodynamic state with invasive monitoring and vasoactive infusions.

Many emergency situations will occur requiring rapid diagnosis and proper treatment to avoid disaster. An on-line expert help system is available and an automated record-keeping system provides a detailed chart for the case. Have fun while you practice managing simulated pediatric emergencies!

- Septic shock
- Status epilepticus
- Multiple trauma
- Meningitis
- Near-drowning
- Diabetic ketoacidosis



**System Requirements:** Internet Explorer 4.01, or higher, or Netscape 4.x.

### Cat #: MU-21

#### **Going to Hospital - Wins**

Finding out that a child needs an operation is often a stressful time for family and parents. The hospitalisation process need not be frightening. The right preparation can instead make the experience positive and rewarding for both parents and children.

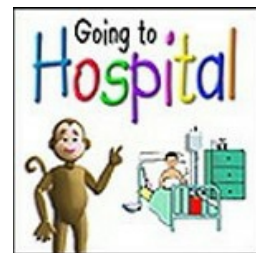
The aim of this children's computer game is twofold: First, demystify the hospitalisation process and second, teach children coping strategies that will assist them to deal with anxiety producing situations encountered while in hospital.

This CD-ROM package has been designed to be used jointly by parents and children. It consists of a CD ROM game and colour handbook. The handbook includes a range of activities, interspersed with practical information about what to expect from their time in hospital.

The package is a fun and interactive way of preparing a family for their child's hospitalisation. The parent and child work together as a team to practice the skills taught via the CD before going to hospital.

#### **Features:**

- A feature of the booklet is Zoobi™, a special friend to help guide the patient through the various activities to be completed prior to and during their stay in hospital
- CD game shows what happens when the patient has an operation
- Information for parents
- Teaches the patient how to cope with difficult situations
- Fun activities to do while in hospital



#### **Topics/activities covered include:**

- Calm Breathing
- Mind Pictures
- What should I pack
- Having my observations taken
- What does theatre look like?
- Busy Brainwaves
- People I have met
- How I managed pain
- Photo Board
- Going Home

Authors: Marijke Mitchell, Linda Johnston, Mike Keppell

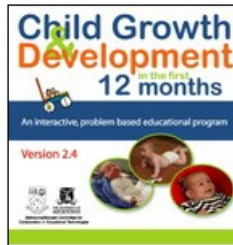
**System Requirements:** Macintosh users OS9, OSX; PC users, Windows 95, 98, ME,NT,XP.

[Cat #: MU-19](#)

## Child Growth and Development in the First 12 Months - Wins

### An interactive, problem based educational program

This program was developed to facilitate the teaching and learning of normal child growth and development. It allows students to observe the progressive growth and development of the same child over time, via the use of digitalised video clips of the child performing age-related tasks and behaviours. The program is structured around visits to the family home when the child is 2 weeks, 6 weeks, 3 months, 6 months, 9 months and 12 months old.



During these visits the parents raise concerns about their child's growth or development that students work through, before outlining the most appropriate advice. Child health and family issues such as feeding, crying, immunisation, Sudden Infant Death Syndrome (SIDS), stranger anxiety and postnatal depression are introduced to students during relevant visits.

Authors: Martin Wright, Daryl Efron, Kristine Elliott, Terry Judd, Gregor Kennedy, Carolyn Casey, Avril Martinelli and Jacqui Jewell.

[Cat #: CH-33](#)

## Challenger Pediatric Psychiatry - Wins

### A Complete Course in Pediatric Psychiatry Featuring ADHD

Challenger Pediatric Psychiatry with Special ADHD Module is intended for all primary care physicians involved in the care of children with behavioural disorders.

#### Chapter Listing:

Child Psychiatry for the Pediatric Practitioner  
 Introduction: Development  
 Factors that Influence Social-Emotional Development  
 The Developmentally Handicapped Child  
 Internalizing Disorders I - Mood Disorders and Suicidal Risk  
 Internalizing Disorders II - Anxiety Disorders  
 OCD and PTSD  
 Eating Disorders  
 Somatoform Disorders  
 Disruptive Behavioral Disorders and ADHD  
 Pediatric Psychopharmacology  
 ADHD Special Focus  
 Introduction  
 History  
 Etiology  
 Prevalence  
 Clinical Course  
 Diagnosis  
 Primary  
 Comorbidity  
 Treatment  
 Education of Patient and Families  
 Psychosocial Interventions  
 Medications  
 Stimulant Medications  
 Non-Stimulant Medications  
 Alternative Treatments



The objective of this continuing medical education program is to provide an interactive review of the knowledge base of Paediatric Psychiatry with emphasis on ADHD. After completing this course, the participating clinician will:

1. Understand the basic principles of paediatric psychological development.
2. Discuss the factors that influence social-emotional development.
3. Discuss considerations of the developmentally handicapped child.
4. Describe internalising disorders: mood disorders, suicidal risk, and anxiety disorders.
5. List characteristics and diagnoses of OCD and PTSD .
6. Describe eating disorders in the paediatric patient.
7. Describe somatoform disorders in the paediatric patient.
8. Describe disruptive behaviour disorders and ADHD.
9. Detail paediatric psychopharmacology practices.
10. Understand the history, etiology, prevalence, and clinical course of ADHD.
11. List diagnostic criteria for ADHD.
12. List diagnoses that preclude a diagnosis of ADHD.
13. List diagnoses that can cause or be co morbid disorders with ADHD.
14. List rating scales that can be used in the diagnosis of ADHD.
15. List co morbid conditions and the characteristics of each.
16. List psychosocial interventions and their uses and benefits in the treatment of ADHD.
17. List the stimulant medications used in the treatment of ADHD, as well as usual dose, side effects, and efficacy of each medication.
18. List non-stimulant medications used in the treatment of ADHD, as well as usual dose, side effects, and efficacy of each medication.
19. List alternative treatments for ADHD, as well as side effects and scientific support for each.
20. Confidently manage acute/chronic presentations of behavioural disorders in paediatric patients.
21. Formulate appropriate differential diagnoses for patients presenting with behavioural disorders.
22. Describe the key elements of the history and physical exam for the diagnosis of ADHD.
23. Efficiently initiate therapeutic and diagnostic procedures for patients presenting with behavioural disorders.

#### **Includes:**

- Over 360 questions to provide detailed coverage of Paediatric Psychiatry Fundamentals with a special section on Attention Deficit Hyperactivity Disorder
- Review, self-assess, and fulfil CME requirements on your home or office computer - you can work online as well
- Multiple score submission options and direct CME certificate fulfilment
- Free technical support

**System Requirements:** Windows 2000 sp4+, XP sp1+ (Home, Professional or MCE) or Vista (Home Basic/Premium, Business or Ultimate) (Windows 2000 or XP sp2 preferred). Pentium III - 1GHz or faster, 24X CD-ROM drive or faster, Video Card and Monitor capable of at least 1024x768 resolution; Sound Card and Speakers, Microsoft Mouse or compatible pointing device. Windows 2000 sp4+, or Windows XP sp1+ (Home/Prof/MCE): 512MB or greater, Windows Vista (Home Basic/Premium, Business, or Ultimate): 1GB or greater. Run from CD-ROM: 1MB with CD-ROM, Full Installation: Amount varies with each product. Microsoft Internet Explorer 6.x or Internet Explorer 7.x, Netscape Navigator 7.x or later, Mozilla Firefox 1.x or later. Sun Java2 (JRE) 1.4.2\_07 - 1.4.2\_16. Internet Access with a 56K modem or faster (DSL, Cable, Broadband, etc.). Macromedia Flash 6 player or later, A media player\* with codecs for ".mp3" audio and ".mpg" MPEG1 video/audio.



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