

2011/12



MEDICAL & SCIENCE MEDIA

**General Medical
SOFTWARE**

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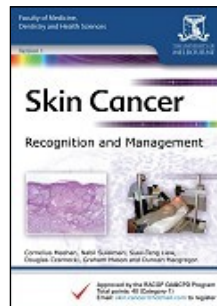
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<http://www.msmedia.com.au/general-medical-software.php>

[Cat #: MU-33](#)**Skin Cancer: Recognition and Management – Wins & Mac**

Skin Cancer is a self-directed interactive program heavily focused on the clinical recognition and management of skin cancers and benign skin lesions that are commonly confused with cancers.



The program particularly aims to enhance the ability to correctly identify benign and malignant skin lesions by their clinical features and to encourage a logical and methodical approach to diagnosis in more difficult cases. The program consists of seven modules that can be worked through in any order and that aim to:

- increase awareness and understanding of the risk factors for skin cancer
- explore the biological activity, clinical implications, treatment and prognosis of the various types of skin cancer
- enhance the clinical skills of students to confidently diagnose skin lesions
- increase understanding of the role of histology and dermoscopy in diagnosis
- enhance the ability of clinicians to confidently and appropriately manage skin cancer

About the creators:

Dr Cornelius J Meehan, MB, BS FRACP, FACD, is Head of Dermatology at Austin Health and The Northern Hospital, and a Senior Lecturer of the University of Melbourne. His special interests include Skin Cancer and Medical Education.

Dr Nabil Sulaiman, MB, ChB (Mosul University), MPH (Dundee University) is a Senior Lecturer of the University of Melbourne Department of General Practice.

Associate Professor Siaw-Teng Liaw, FRACGP, PhD, is Professor of Rural Health, University of Melbourne.

Dr Douglas Czarnecki, MD, FACD, is a Visiting Specialist at Austin Health and a Senior Lecturer of the University of Melbourne. His special interests include Medical Education and Skin Cancer, on which he is widely published.

Dr Graham Mason, MD, ChB, FRCPA, is a Specialist Dermatopathologist at Melbourne Pathology with a special interest in Medical Education.

[Cat #: MU-34](#)**Patient Under the Microscope CD-ROM – Wins & Mac**

The Patient Under the Microscope is a unique educational program that allows the user to direct their own journey of discovery as they explore the relationship between cells, tissues and disease.



This multimedia resource fully integrates the basic principles of cell biology, histology and pathology with clinical problems. Because of the central role of the cell in determining how disease is expressed, the program is ideally placed to demonstrate how changes at the cellular level give rise to symptoms and signs in the patient and how

advances in our understanding of disease at this level impact on diagnosis and management, i.e. the cell is the ultimate patient.

The aim of the program is to encourage student-centred learning, based on discovering principles rather than rote-learning content.

Features:

- interactive images
- diagrams and animations interspersed with challenges and opportunities for self-testing

The special features create an exciting program that student feedback has shown is “engaging”, “clear”, “succinct” and “provides the glue that holds the curriculum together”.

The current program includes:

- The Cell Under The Microscope
- Basic Tissues Under The Microscope
- Disease Process Under The Microscope
- Skin Under The Microscope
- The Cardiovascular System Under The Microscope

The Patient Under the Microscope is currently used in medical, dental, physiotherapy, cell biology and biomedical science courses by students from a wide variety of backgrounds.

About the creators:

Howard Grossman: MB BS, PhD (Pathology), Associate Professor in Pathology, The University of Melbourne.

Virginia Grossman: MB BS, PhD (Pathology), Lecturer in Histology, The University.

Minimum system requirements: 256MB RAM, Sound Card, 800 x 600 display; Windows: Pentium II 450MHz (or equivalent), Win 2000/XP; Macintosh: PowerPC G3 500MHz, OS 10.3/10.4.

[Cat #: MU-35](#)

Patient Under the Microscope:

Basic Tissue Under the Microscope Image Collection – Wins & Mac

A collection of 18 images from the Patient Under the Microscope: Basic Tissue Under the Microscope Image Collection:

Stratified squamous epithelium Basic Tissues-UTM01
 Pseudostratified epithelium Basic Tissues-UTM02
 Adipose (fat) cells Basic Tissues-UTM03
 Connective tissue cells Basic Tissues-UTM04
 Elastic fibres Basic Tissues-UTM05
 Reticulin network Basic Tissues-UTM06
 Collagen Basic Tissues-UTM07
 Red blood cells and platelets Basic Tissues-UTM08
 Neutrophil Basic Tissues-UTM09
 Lymphocyte Basic Tissues-UTM10
 Monocyte Basic Tissues-UTM11
 Eosinophil and neutrophil Basic Tissues-UTM12
 Basophil Basic Tissues-UTM13
 Skeletal muscle Basic Tissues-UTM14
 Cardiac muscle Basic Tissues-UTM15
 Smooth muscle Basic Tissues-UTM16
 Myelinated and unmyelinated axons Basic Tissues-UTM17
 Ganglion cells Basic Tissues-UTM18



All images are available as jpeg files.

About the creators:

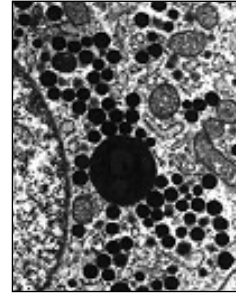
Howard Grossman: MB BS, PhD (Pathology), Associate Professor in Pathology, The University of Melbourne

Virginia Grossman: MB BS, PhD (Pathology), Lecturer in Histology, The University of Melbourne.

[Cat #: MU-36](#)**Patient Under the Microscope:****The Cell Under the Electron Microscope Image Collection – Wins & Mac**

A collection of 18 images from the Patient Under the Microscope: The Cell Under the Electron Microscope Image Collection:

White blood cells Cell-UTeM01
 Endothelial cells Cell-UTeM02
 Columnar epithelial cells Cell-UTeM03
 Cell nucleus and nucleolus Cell-UTeM04
 Cell nucleus Cell-UTeM05
 Plasma membrane Cell-UTeM06
 Mitochondrion Cell-UTeM07
 Rough endoplasmic reticulum Cell-UTeM08
 Smooth endoplasmic reticulum Cell-UTeM09
 Golgi apparatus Cell-UTeM10
 Secretory vesicles Cell-UTeM11
 Secretory cell organelles Cell-UTeM12
 Synaptic vesicles Cell-UTeM13
 Lysosome Cell-UTeM14
 Glycogen granules Cell-UTeM15
 Lipid droplets Cell-UTeM16
 Contractile filaments Cell-UTeM17
 Junctional complex Cell-UTeM18



All images are available as jpeg files.

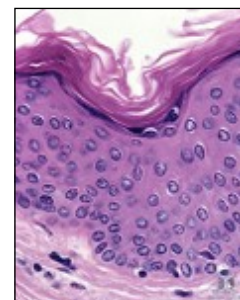
About the creators:

Howard Grossman: MB BS, PhD (Pathology), Associate Professor in Pathology, The University of Melbourne
 Virginia Grossman: MB BS, PhD (Pathology), Lecturer in Histology, The University of Melbourne.

[Cat #: MU-37](#)**Patient Under the Microscope:****Skin Under the Microscope Image Collection – Wins & Mac**

A collection of 18 images from the Patient Under the Microscope: Skin Under the Microscope Image Collection:

Light micrograph of normal skin-SUM01
 Epidermis of skin-SUM02
 High power light micrograph of keratinocytes-SUM03
 The epidermis of "thick skin"-SUM04
 Epidermis of pigmented skin-SUM05
 Hair follicle-SUM06
 A sweat gland-SUM07
 Coiled body of a sweat gland-SUM08
 A solar keratosis-SUM09
 A squamous cell carcinoma of skin-SUM10
 A squamous cell carcinoma of the lower lip-SUM11
 Basal Cell Carcinoma of skin-SUM12
 Basal cell carcinoma of the skin-SUM13
 Pigmented naevus-SUM14
 Malignant melanoma-SUM15
 Macroscopic image of a malignant melanoma-SUM16
 Secondary (metastatic) malignant melanoma in the brain-SUM17
 Metastatic melanoma of the liver-SUM18



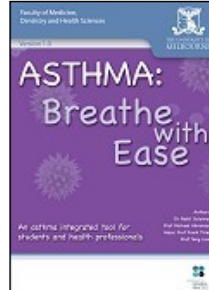
All images are available as jpeg files.

About the creators:

Howard Grossman: MB BS, PhD (Pathology), Associate Professor in Pathology, The University of Melbourne
 Virginia Grossman: MB BS, PhD (Pathology), Lecturer in Histology, The University of Melbourne.

[Cat #: MU-29](#)**Asthma: Breathe with Ease – Wins & Mac****A comprehensive interactive package about
Asthma pathophysiology, diagnosis and management**

Breathe with Ease is an integrated tool for medical and health sciences undergraduate and postgraduate students and trainees.



The program is based on four major asthma cases (child, adolescent, young adult and elderly) and features questions and answers on pathophysiology, history, diagnosis and management.

It comprises of animations on the pathophysiology of asthma, videos on asthma medication devices techniques and medication adherence as well as guidelines.

Breathe with Ease was created by respiratory physicians, educators, general practitioners and researchers.

About the creators:

The creators are respiratory physicians, general practitioner, researcher and paediatrician.

Minimum System Requirements: 64MB RAM, 800 x 600 display in 16-bit colour, Sound Blaster compatible card, QuickTime, Flash Player 7.0 or later, DirectX 3.0 or later recommended; Windows: Pentium based PC or compatible, 200MHz or faster, Windows NT/2000/XP SP2; Mac: PowerPC 200MHz.

[Cat #: MU-31](#)**I'm Feeling a Bit Crook – Wins & Mac****Understanding and managing clinical communication in Australia**

I'm feeling a bit crook is a multimedia, interactive DVD-ROM on clinical communication in Australia for overseas-born students.



I'm feeling a bit crook develops pre-clinical and clinical students' interviewing skills, knowledge of Australian cultural norms and institutions as well as Australian colloquial English. The DVD can be used as a resource for the classroom or for self-paced learning.

Features:

- videos of students interviewing simulated patients
- voxpop clips of overseas-born students talking about their experiences of studying medicine and the health sciences in Australia
- a sound file glossary of Australian colloquialisms used in clinical settings
- a library section including newspaper articles

Target market includes overseas-born medicine and health sciences students, international medical graduates, international health sciences graduates, clinical educators and health professionals.

About the creators:

I'm feeling a bit crook was developed by Dr Robyn Woodward-Kron, Jan Hamilton, Ilana Rischin and Dr Louisa Remedios from the International Student Support Program, Faculty of Medicine, Dentistry and Health Sciences.

Minimum System Requirements: Pentium III 300MHz running Windows 98 SE or later or PowerMac G3 400MHz running Mac OS X version 10.2.5 or later, DVDROM Drive, 512MB RAM or greater, Web Browser (Firefox 1.5 or later, Internet Explorer 6 or later, Safari 1.0 or later), QuickTime 6.5 or later (Quicktime 7.1.3 included), Adobe Reader 5 or later (Adobe Reader 8 for Windows included).

[Cat #: MU-22](#)

Healthcare Scenarios in Developmental Disability Medicine – Wins & Mac

Healthcare Scenarios in Developmental Disability has been designed to support the development of positive attitudes towards people with disabilities, and to provide important information in skill and knowledge domains.



This resource has two major sections: The Video Scenarios and the Knowledge Base.

The Video Scenarios comprise videotaped 'medical consultations' between medical practitioners and four people with disabilities. These four scenarios introduce students to the issues faced by people living with intellectual disability, cerebral palsy, Down syndrome and dual disability and allow students to observe how challenges are handled in real interactions. Each video consultation is embedded in a learning pathway that includes learning objectives, a reflective exercise and a self assessment quiz.

Underpinning the four video scenarios are five extensive Knowledge Bases: Overview of Developmental Disability; General Issues in Healthcare; Communication; Mental Health and Illness; and Issues for Families and Carers.

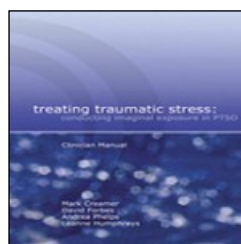
Authors: Dr Jane Tracy and Dr Mary Burbidge

System Requirements: Windows: Internet Explorer 6 (MAC ver.5). Pentium 4 computer running Windows XP/Windows 2000. **Macintosh:** G4 running OSX. Minimum screen resolution of 1024 x 768. 512 MB of RAM. CD drive: mouse/compatible pointing device; speakers/audio device: 56k modem.

[Cat #: MU-28](#)

Treating Traumatic Stress – Wins & Mac

Treating Traumatic Stress: Conducting Imaginal Exposure is a comprehensive clinician guide to the use of imaginal exposure, a proven intervention in the treatment of clients with traumatic stress conditions.



The manual addresses:

1. PTSD and psychological treatment of the condition
2. Basic rules for conducting exposure

3. The process of conducting exposure
4. Managing problematic reactions to exposure

The manual is presented in an easy to read format, with each section commencing with a clear statement of goals and learning objectives, followed by a number of key learning activities.

The written manual is accompanied by a supporting video and CD-ROM which contains short video clips of therapist & client interactions to illustrate the application of imaginal exposure therapy in different and sometimes difficult scenarios.

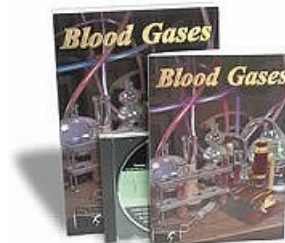
Authors: Mark Creamer, David Forbes, Andrea Phelps and Leanne Humphries.

System Requirements: Written manual with supporting video and CD-ROM.

Cat #: MS-1

Blood Gases - Wins

Does the thought of "acid-base balance" make your skin crawl? Do "A-a gradients" terrorize you? You need Blood Gases program. This terrific program teaches some of the most difficult, yet most important material in medicine.



There's also a teaching tutorial and calculation drill for acidosis correction - very important now that "routine" bicarb is no longer given. During any of Blood Gases' training drills, you can refer to the on-line manual for additional learning. - very important now that "routine" bicarb is no longer given. During any of Blood Gases' training drills, you can refer to the on-line manual for additional learning. Not only does Blood Gases teach, but it will also interpret lung function and acid-base balance for you. You'd never expect that of such an inexpensive program.

Systems Requirements: Pentium processor 133Mhz or faster, 8 MB RAM, 5 MB hard drive space, CD-ROM drive, 256 colour VGA monitor, keyboard, mouse. Windows® operating system. Compatible with Windows 95, 98, NT, Me, 2000 and XP®.

Cat #: AN-5

Sedation Simulator – Wins

Improve your management of moderate sedation

Common sedation scenarios:

- Radiology
- Gastroenterology
- Oral surgery
- Emergency room procedures
- Minor surgery

32 cases with dozens of emergencies:

- Agitation
- Anaphylaxis
- Aspiration
- Apnea
- Bradycardia
- Hypertension



- Hypotension
- Myocardial ischemia
- Tachycardia

Benefits:

- Easy to use real-time simulation
- Use on your home or office computer

Designed in conjunction with radiologists, gastroenterologists and oral surgeons

[Cat #: CH-39](#)

Challenger Lung Sounds – Wins

A Complete Pulmonary Auscultation Course

Challenger Lung Sounds, like all Challenger products, provides the resources and functionality you need in one, cost-effective, easy-to-use, go-anywhere package.

Challenger Lung Sounds contains over 100 high-resolution images and audio interactive Flash animations that highlight the most important lung sounds, their mechanism of production, the locations where they are commonly heard, and their clinical associations. Hear and view in real time for an ideal pulmonary auscultation review.

Improve auscultatory diagnosis of respiratory events based on accurate diagnosis. Identify the differential diagnosis of a respiratory event based on history and physical examination. Real patient audio tracings incorporating computer-based analysis and Multi-channel Stethography.

Table of Contents:

Common Lung Sounds
 Overview
 Bronchial Sounds
 Vesicular Sounds
 Crackle Sounds
 Wheeze Sounds
 Rhonchi Sounds
 Wheezes vs. Rhonchi
 Pleural Rub Sounds
 Stridor Sounds
 Common Sounds Quiz

Sound Patterns
 Normal Sound Patterns
 Asthma
 Congestive Heart Failure
 Pneumonia
 Chronic Obstructive Pulmonary Disease
 Bronchiectasis
 Idiopathic Pulmonary Fibrosis
 Sound Patterns Quiz

Case Studies

Case 1
 Case 2
 Case 3
 Case 4
 Case 5
 Case 6
 Case 7
 Case Studies Quiz



Challenger Lung Sounds is intended for everyone interested in clinical medicine, particularly students and residents in medicine, nursing, and respiratory care, as well as those in physician assistance and emergency care programs.

Target Audience:

This program is intended for everyone interested in clinical medicine, particularly students and residents in medicine, nursing, and respiratory care, as well as those in physician assistant and emergency care programs.

Educational Objectives:

On completing this program, the medical practitioner will be able to:

1. Improve auscultatory proficiency by self-study of respiratory events.
2. Identify the differential diagnosis of a respiratory event based on the history and physical examination.
3. Identify a course of treatment for respiratory events based on accurate diagnosis.

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.

Cat #: CH-50**Challenger Pain Management - Wins**

In these days of fast paced clinical changes it is crucial for primary care practitioners to continuously update their knowledge and skills in the area of evidence based medicine, specifically; current best practices, diagnostic skills, risk factor identification and current treatment options.

On completing the program, the medical practitioner will be able to describe the fundamentals of pain neuroanatomy and neurochemistry and use this knowledge to identify pain mechanisms and choose pharmacotherapy tailored to the patient's specific needs.



Experts provide the latest treatments and practices in the major areas of Pain Management in an illustrated, lecture-based format. Interactive learning environment allows for quick navigation from topic to topic for seamless study. Prepare and study on your home or office computer - online as well. Dynamic Q & A assessments with feedback and detailed scoring. Multiple score submission options and direct CME certificate fulfillment.

Chapter Listing: A Current Overview of Pain Analgesic Pharmacology: NSAID's, COXIB's The Two Categories of Chronic Pain: Nociceptive and Neuropathic Summary and Comments Lecture Review and Assessment Addendum: Pain Management and Sedation in the ED.

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.

[Cat #: CH-40](#)**Challenger High Risk Medicine – Wins**

Challenger High Risk Medicine, a state-of-the-art antidote to misdiagnosis and litigation risk, is a series of courses designed to address each aspect of high risk care, management, and risk prevention. Employing our proven programmed learning methodology and the expert advice of our prestigious Physician Advisory Board, Challenger High Risk Medicine will increase your confidence, challenge your cognitive knowledge of difficult cases, and assign a "Risk Rating" against the standard of care.

Challenger High Risk Medicine presents unique case-study-oriented presentations on high risk care. In-depth "key point" articles focus on the most treacherous diagnostic situations in acute and primary care, so as to help practicing physicians strengthen their knowledge base, sharpen diagnostic skills, recognize and head-off potentially life-threatening conditions, and better avoid costly and time-consuming litigation. And the series does so at a cost of less than \$20 per credit hour!

Each case contains high-resolution imagery, didactic content, and associated questions and answers, and all the content is peer-reviewed by prominent experts from Vanderbilt University School of Medicine. Each case features an up-to-date clinical overview of a high-risk topic, including presentations, differentials, and treatments. This overview is followed by a comprehensive investigation of the most common diagnostic pitfalls related to care.

Full-color, high-resolution imagery has always been one of the hallmarks of Challenger programs.

Every image is assigned to the appropriate standard-of-care topic, and most can be enlarged for detailed examination and observation. Labels on imagery, diagrams, and ultrasound videos can be switched on and off for quick reference and self-testing.

Table of Contents:

Abdominal Aortic Aneurysm
 Appendicitis
 Ectopic Pregnancy
 Myocardial Infarction
 Pediatric Meningitis
 Testicular Torsion
 Thoracic Aortic Dissection

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.

[Cat #: CH-51](#)**Challenger Infectious Diseases - Wins****Complete Primary and Acute Care Presentations**

Challenger Infectious Diseases provides physicians with the most up-to-date information for diagnosis and treatment of infectious diseases. The course provides current information on new and emerging diseases, such as SARS, as well as diseases such as HIV/AIDS and infections of the cardiovascular, gastrointestinal, and musculoskeletal systems. Coverage also includes subjects such as tick-borne illnesses, traveller's infections, and parasitic infections.

Table of Contents:

Cardiovascular Infections
 Central Nervous System Infections
 Drugs
 Gastrointestinal Infections
 Botulism
 Diarrhea
 Hepatitis

Peritonitis
 Miscellaneous
 Head and Neck Infections
 HIV/AIDS, STDs, and Infections in Pregnancy
 HIV/AIDS
 STDs
 Infections in Pregnancy
 Musculoskeletal Infections
 Respiratory Infections
 Sepsis
 Soft Tissue Infections
 Cellulitis
 Gas Gangrene
 Tetanus
 Toxic Shock Syndrome
 Skin Abscess
 Superficial Skin Disorders
 Severe Acute Respiratory Syndrome (SARS)
 Traveler's Infections, Parasitic Infections, and Tick-Borne Diseases
 Traveler's Infections
 Parasitic Infections
 Tick-Borne Diseases
 Urinary Infections



Target Audience:

Challenger Infectious Disease is intended for all physicians, both emergent and primary care providers and specialists, who require information on infectious disease practices.

Educational Need:

The majority of emergency medicine and primary care physicians have not received training to respond effectively to the wide spectrum of infectious diseases, changes in HIV/AIDS therapy, and worldwide population growth needs.

Educational Objectives:

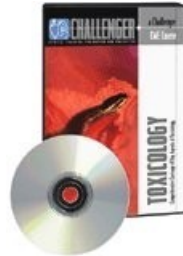
The objective of Challenger Infectious Disease is to provide an interactive review of the knowledge base of primary and emergency care in Infectious Disease. After completing this course, the participating clinician should be better equipped to:

1. Confidently manage the broad spectrum of acute and emergent medical problems associated with infectious disease encountered in the practice of primary care and emergency medicine.
2. Formulate appropriate differential diagnoses for patients presenting with acute medical problems of uncertain etiology.
3. Efficiently initiate therapeutic and diagnostic procedures for patients presenting with acute medical disorders.
4. Handle efficiently the spectrum of common disorders involving Infectious Disease. In particular, the physician will be better equipped to diagnose and treat conditions relating to: HIV/AIDS, Soft Tissue Infections, Head and Neck Infections, Tick Borne Illnesses, Central Nervous System Infections, Sexually Transmitted Diseases, Gastrointestinal Infections, Respiratory Infections, Infections in Pregnancy, Musculoskeletal Infections, Traveller's Infections, Parasitic Infections, Cardiovascular Infections, Urinary Infections, SARS, Sepsis and Drugs used in the treatment of Infectious Diseases.

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.

[Cat #: CH-48](#)**Challenger Toxicology - Wins****Fundamentals, Quiz and Atlas**

Challenger Toxicology provides continuously updated information on the diagnosis, management, and prevention of poisonings and related presentations. The course also covers the possible adverse health effects that may be caused by medications, chemicals, occupational and environmental toxins, and biological hazards.



The educational objectives of the Challenger Toxicology training program are as follows. On completing the program, the medical practitioner will be able to: Identify presentation, describe indications/contraindications and prescribe treatment of toxicological events involving the following:

- | | |
|--|-----------------------------|
| ▪ General Toxicology | ▪ Heavy Metals |
| ▪ Acetaminophen | ▪ Hydrocarbons |
| ▪ Alcohol | ▪ Iron |
| ▪ Antibiotics | ▪ Lithium |
| ▪ Anticholinergics | ▪ Marine Envenomations |
| ▪ Antidepressants | ▪ Methemoglobinemia |
| ▪ Antihypertensives | ▪ Mushrooms |
| ▪ Barbiturates | ▪ Neuroleptics and NMS |
| ▪ Benzodiazepines and Other Sedative Hypnotics | ▪ NSAIDs |
| ▪ Beta-Blockers | ▪ Opioids |
| ▪ Calcium Channel Blockers | ▪ Organophosphates |
| ▪ Carbon Monoxide | ▪ Paediatric Exposures |
| ▪ Caustics | ▪ Phenytoin |
| ▪ Cocaine | ▪ Poisonous Plants |
| ▪ Digoxin | ▪ Salicylates |
| ▪ Envenomation | ▪ Tricyclic Antidepressants |
| ▪ Food Poisoning | ▪ Vitamins and Herbals |
| ▪ Hallucinogens | ▪ Xanthines |
| ▪ Hazardous Materials | |

Includes:

- 37 Chapters covering general toxicological presentations, diagnoses and treatments
- Over 400 questions included for comprehensive coverage of key aspects of toxicology
- Easy-to-use browser-based platform gives you rapid click-and-learn access to diagnostic & treatment information
- Prepare and study on your home or office computer - online as well
- Multiple score submission options and direct CME certificate fulfillment

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.

Cat #: CH-31**Derm-Challenger – Wins****Primary Care Dermatology Series - Dermatology Basics with Case Studies**

Derm-Challenger identifies and describes the physiologic functions of the skin, the basic anatomy of the skin and its accessory structures, and the most important cell types of the skin and their functions. This knowledge provides the foundation for understanding anatomic and physiologic alterations that occur in skin diseases and enables the physician assistant to identify and diagnose over 80 common and not-so-common dermatological problems.

Derm-Challenger gives you immediate access to a large image library for use in differential diagnosis. In addition, there are 100 actual patient cases and 82 synopses of common dermatological conditions to stimulate your learning.

An easy-to-use interface is combined with immediate feedback and scoring to maximise your retention of the material and reinforce the vital knowledge you need to give the best possible care. Regular use of Derm-Challenger will increase your clinical confidence and hone your ability to accurately interpret dermatologic disorders.

Target Audience:

Derm-Challenger is intended for all medical practitioners who need to diagnose disorders of the skin, hair and nails; and who need to be familiar with the dermatologic manifestations of systemic diseases.

Educational Objectives:

On completing this program, the medical practitioner will be able to:

1. Describe the structure and function of the skin and its basic histologic structures.
2. Define the terms used in the description of dermatologic disease.
3. Describe the key elements of the history, physical examination and laboratory testing of skin diseases.
4. Describe the presentation and diagnosis of dermatologic diseases commonly encountered in the practice of primary care medicine.
5. Describe the dermatologic manifestations of systemic diseases commonly encountered in the practice of primary care medicine.
6. Demonstrate the knowledge and cognitive skills required to achieve objectives 1-5 by scoring at least 80% on all topics studied for CME credit.

Table of Contents:

Dermatology: Reference and Review
 Structure And Function Of The Skin
 Structure and Function of the Skin
 Dermatologic Terminology And Lesion Types
 Dermatologic Terminology and Lesion Types
 History, Examination And Laboratory Testing
 History, Examination and Laboratory Testing

Growths: Pigmented

Nevus
 Malignant Melanoma

Growths: Epidermal

Verruca Vulgaris (Warts)
 Seborrhic Keratosis
 Squamous Cell Carcinoma
 Basal Cell Carcinoma

Growths: Dermal and Subcutaneous

Xanthomas
 Dermatofibroma
 Keloid
 Neurofibromatosis
 Capillary Hemangioma
 Pyogenic Granuloma
 Ganglion Cysts

Rashes: Epidermal: Eczematous Rashes

Eczematous Disorders
 Allergic Contact Dermatitis
 Seborrhic Dermatitis



Xerotic Eczema
 Dyshidrotic Eczema
 Eczema Herpeticum

Rashes: Epidermal: Scaling Papules, Plaques, and Patches

Psoriasis
 Secondary Syphilis
 Mycosis Fungoides
 Discoid Lupus Erythematosus
 Pityriasis Rosea
 Reiter's Syndrome
 Keratosis Pilaris
 Granuloma Annulare
 Dermatophyte Infections
 Acanthosis Nigricans
 Actinic Keratosis
 Sarcoidosis



Rashes: Epidermal: Vesicles and Bullae

Herpes Simplex
 Herpes Zoster
 Pemphigus Vulgaris
 Bullous Pemphigoid
 Hand, Foot and Mouth Disease
 Necrotizing Fasciitis

Rashes: Epidermal: Inflammatory Papules

Scabies
 Insect Bites
 Miliaria
 Lichen Planus
 Pediculosis Pubis
 Sweet's Syndrome
 Cutaneous Larva Migrans
 Cheilitis

Rashes: Epidermal: Pustules

Acne Vulgaris
 Acne Rosacea
 Acne, Steroid-induced
 Bacterial Folliculitis

Rashes: Epidermal: White Spots

Vitiligo
 Tuberous Sclerosis

Rashes: Dermal: Generalized Erythema

Systemic Lupus Erythematosus
 Dermatomyositis

Rashes: Dermal: Localized Erythema

Erythema Nodosum
 Erysipelas
 Raynaud Phenomenon

Rashes: Dermal: Specialized Erythema

Erythema Multiforme
 Toxic Epidermal Necrolysis
 Urticaria

Rashes: Dermal: Purpura

Vasculitis
 Livedo Reticularis
 Venous Lake
 Systemic Amyloidosis
 Leukocytoclastic Vasculitis
 Purpura Fulminans

Ulcers

Factitious Skin Ulcer
 Cutaneous Ulcers
 Pyoderma Gangrenosum
 Aphthous Stomatitis

Hair and Nails

Alopecia Areata
 Traction Alopecia
 Nail Pitting

Q & A: Dermatology

Q & A: Structure and Function of the Skin
 Q & A: Dermatological Terminology and Lesion Types
 Q & A: History, Examination, and Laboratory Testing
 Q & A: Growths
 Q & A: Rashes: Epidermal
 Q & A: Rashes: Dermal
 Q & A: Ulcers
 Q & A: Hair and Nails

Dermatology: Current Topics of Interest

Heat Stroke
 Major Radiation Exposure - What to Expect and How to Respond
 Management of Occupational Exposures to Blood and Body Fluids
 Laceration Management
 Cellulitis
 Do Mammalian Bites Require Antibiotic Prophylaxis
 Herpes Zoster
 Sterile Versus Nonsterile Gloves for Repair of Uncomplicated Lacerations in the Emergency Department
 Thermal Burns
 Are Blood Cultures Necessary In Adults With Cellulitis?
 Domestic Violence: An Approach to Identification and Intervention
 High Prevalence of Methicillin-Resistant Staphylococcus Aureus in Emergency Department Skin and Soft Tissue Infections
 National Study of US ED Visits for Attempted Suicide and Self-Inflicted Injury, 1997-2001

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.

Cat #: CH-52**Challenger Preventative Medicine – Wins**

Prevention is the least attempted but potentially most cost-effective and beneficial route to improved public health. Various estimates suggest an annual savings of \$100 billion as well as increased longevity and quality of life if practicing primary care physicians understood and promoted preventive medicine.

Table of Contents:**Section I - Introduction Preliminaries****Chapter 1 - What is Integrative Health Care?**

Chapter 2 - How to Talk to Patients about Integrative Health Care
 Accidents and Motor Vehicle Safety
 Addiction Medicine and Pain Management
 Cancer and the Role of Lifestyle Modification
 Chronic Diseases Caused by Infectious Agents
 Control of Infectious Diseases
 Coronary Heart Disease and Stroke
 Food Safety and Nutrition - Complementary Medicine and Dietary Supplements - Vitamins and Nutrition
 Foodborne and Waterborne Diseases
 Occupational and Industrial Diseases and Safety
 Patient Safety
 Public Health - Inherited Disorders - The Aging Population - Violence and Abuse
 Vaccine Development and Use
 Women and Infant Topics

Challenger Preventive Medicine guides the exploration and overview of subjects such as accidents and motor vehicle safety, woman and infant topics, public health and immunization, violence and abuse, and many other areas of preventive medical practice. Enhance your mastery of these subjects through challenging assessment quizzes and also earn up to 25 AMA Category 1 CME credits from The University of Colorado School of Medicine.



Target Audience: Challenger Preventive Medicine is intended for all physicians, emergent and primary care providers and specialists, who require information on preventive medicine practices. Educational Objectives: The educational objectives of the Challenger Preventive Medicine training program are as follows. On completing the program, the medical practitioner should be able to: Confidently manage the broad spectrum of common disorders, diseases and injuries that can be averted through preventive medicine practices. Discuss the growing relevance of genetic testing in the prevention and early treatment of inherited disorders such as cancer, obesity, diabetes, and heart disease. Demonstrate a thorough understanding of modern practices in adult immunization.

Effectively diagnose, treat and prevent conditions relating to: Accidents and Motor Vehicle Safety, Addiction Medicine and Pain Management, Cancer and the Role of Lifestyle Modification, Chronic Diseases Caused by Infectious Agents, Control of Infectious Diseases, Coronary Heart Disease and Stroke, Food Safety and Nutrition, Foodborne and Waterborne Diseases, Occupational and Industrial Diseases and Safety, Patient Safety, Public Health, Vaccine Development and Use, and Women and Infant Topics. Demonstrate mastery of the knowledge and cognitive skills required to achieve the objectives by scoring at least 80% on all topics studied for CME credit.

Chapters Include: Accidents and Motor Vehicle Safety Addiction Medicine and Pain Management Cancer and the Role of Lifestyle Modification Chronic Diseases Caused by Infectious Agents Control of Infectious Diseases Coronary Heart Disease and Stroke Food Safety and Nutrition Complementary Medicine and Dietary Supplements Vitamins and Nutrition Food borne and Waterborne Diseases Occupational and Industrial Diseases and Safety Patient Safety Public Health Inherited Disorders The Aging Population Violence and Abuse Vaccine Development and Use Women and Infant Topics

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.

[Cat #: CH-46](#)

Challenger Integrative Health Care – Wins

Complementary and Alternative Therapies

Challenger Integrative Health Care provides an overview of the sweeping changes currently occurring in the fields of integrative, complementary, and alternative medicine. These are not small, incremental changes; rather, colossal shifts are shaking the foundations of modern health care in one of the most important social movements of the late twentieth and early twenty-first centuries.

Based on the book "Integrative Health Care" by Victor S. Sierpina, M.D., Challenger Integrative Health Care features over 320 questions covering key aspects of complementary and alternative therapies. The content is organized into 29 chapters.

Table of Content:

Section I - Introduction

Preliminaries

Chapter 1 - What is Integrative Health Care?
 Chapter 2 - How to Talk to Patients about Integrative Health Care

Section II - Using Integrative Health Care in Your Own Life

Introduction
 Chapter 3 - Being Well, Being a Role Model
 Chapter 4 - Mind, Body, and Now . . . Spirit

Section III - Using Integrative Health Care in Your Practice

Introduction
 Chapter 5 - Patient-Centered and Relationship-Centered Care
 Chapter 6 - The Role of Mid-Level Practitioners
 Chapter 7 - Reimbursement, Liability, and Other Practice Issues
 Chapter 8 - Continuing Education in Integrative Health Care

Section IV - Specific Therapies

Introduction
 Chapter 9 - Alternative Systems of Care
 Chapter 10 - Herbals
 Chapter 11 - Diet and Nutrition
 Chapter 12 - Nutraceuticals
 Chapter 13 - Pharmacological and Biological Treatments
 Chapter 14 - Bioelectromagnetic Therapies
 Chapter 15 - Mind-Body Medicine
 Chapter 16 - Hands-on Healing Techniques

Section V - Integrative Care of Specific Health Problems

Introduction
 Chapter 17 - Anxiety and Depression
 Chapter 18 - Arthritis
 Chapter 19 - Asthma
 Chapter 20 - Cancer
 Chapter 21 - Coronary Artery Disease and Congestive Heart Failure
 Chapter 22 - Diabetes
 Chapter 23 - Gastrointestinal Problems
 Chapter 24 - Headache
 Chapter 25 - Hypercholesterolemia
 Chapter 26 - Hypertension
 Chapter 27 - Musculoskeletal Problems
 Chapter 28 - Upper Respiratory Infection
 Chapter 29 - Urinary Tract Infections

Appendix - Tools and Resources

Books
 Complementary and Alternative Medicine Research Centers
 Journals and Newsletters
 Organizations
 Websites

Target Audience:

Challenger Integrative Health Care is intended for all physicians, both primary care providers and specialists, who require information on alternative health care practices in use by the general population.

Educational Objectives:

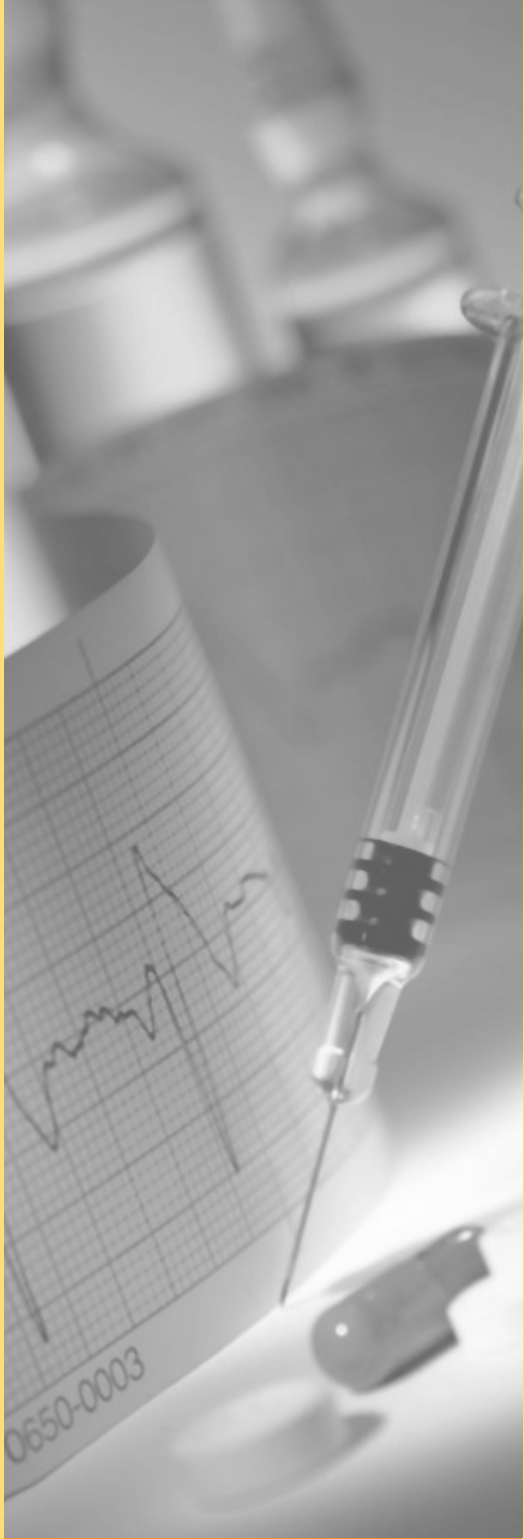
The educational objectives of the Challenger Integrative Health Care training program are as follows. On completing the program, the medical practitioner will be able to:

1. Define the terms used in integrative health care.
2. Describe the key elements of discussing integrative health care with your patients.
3. List alternative systems of care in use in the United States.
4. Describe the major herbals used in integrative health care by detailing common usage, activity, adverse effects and contraindications, dosages, and drug interactions.
5. Describe the nutraceuticals used in integrative health care by detailing benefits and therapeutic uses, therapeutic dose range, risks, natural sources, and RDA.
6. Describe possible integrative health care techniques/treatments for the following disorders:
7. Anxiety and depression
8. Arthritis
9. Asthma



10. Cancer
 11. Coronary artery disease and congestive heart failure
 12. Diabetes
 13. Gastrointestinal problems
 14. Headache
 15. Hypercholesterolemia
 16. Hypertension
 17. Musculoskeletal problems
 18. Upper respiratory infections
 19. Urinary tract infections
20. Demonstrate mastery of the knowledge and cognitive skills required to achieve objectives 1-6 by scoring at least 80% on all topics studied for CME credit.

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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