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Multimedia Review Section

THE ITEM

Publisher	CABI Publishing
Format	CD-ROM
ISBN-10	0851994954
Price	£120/$195

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Email Dr. Meena by clicking here

> *...A WEALTH OF USEFUL INFORMATION ...The contents of the CD have been provided and reviewed by experts in the field of ARI from all over the world including experts from developing world. This CD comes with large number of high-resolution graphics, flow diagrams, charts, and many pictures, it also has four animations and thirty-six video clips showing audio-visual details of ARI for easy learning. This CD on ARI provides a wealth of useful information on the biology, epidemology, diagnosis, treatment, prevention and control of ARI in an instructive and imaginative way. It would be very useful for training institutes or advanced students with access to computer facilities. Many images can be adapted for overheads for lectures or practical sessions...*

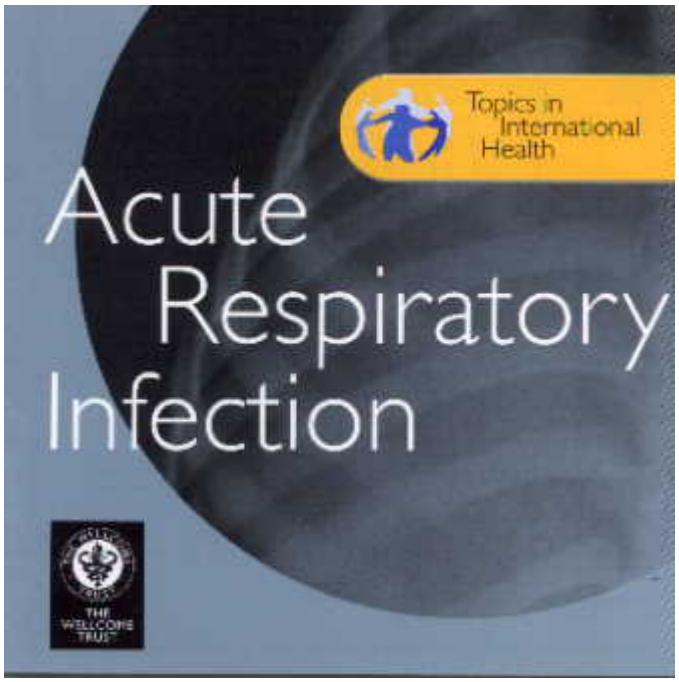
Editor's recommendation — this book carries the editor's "must buy" recommendation.

Acute Respiratory Infection (TOPICS IN INTERNATIONAL HEALTH SERIES), *(Publication date November 2001, reprinted 2002, © The Trustee of The Wellcome Trust, London 2001)* Multimedia CD-ROM,

CABI Publishing, 10 East 40th Street, Suite 3203, New York, NY10016, USA, , E-mail: cabweb@cabi.org, [Also published by Wellcome Trust, Gibbs Building, 215 Euston Road, London NW1 2BE, UK.], 1 CD-ROM with booklet 9 pp. ISBN: 0 85199 495 4. Price: £120/$195 (Institutional); £30/$55 (Student/Individual); £45/$80 (Developing Country)

Official site of this Multimedia: Click here to visit

Figure 1: Acute Respiratory Infection, Multimedia CD



The Topics in International Health series (TIH) is designed for use as an educational resource in tropical and international health. Their series covers some of the most common causes of illness and mortality worldwide and aims to provide accessible high quality information. In this endeavor TIH has brought out many CD titles like Diarrhoeal Diseases, HIV/AIDS, Leishmaniasis, Leprosy, Malaria (2nd edition), Nutrition, Schistosomiasis, Sexually Transmitted Diseases, Sickle Cell Disease, Trachoma, Tuberculosis etc. Each CD-ROM provides three complementary resources: Interactive Tutorials, Image Collection, and Glossary.

This CD on Acute Respiratory Infection is an Interactive Tutorials for self-learning which has been reviewed by experts in their respective field. It is aimed at medical and life sciences students, their teachers, healthcare professionals, academics, and researchers. It covers almost all aspects of ARI for UG, PG, Teachers, General Physician, and Public Health Professionals. I enjoyed reviewing the CD and learned few more things of ARI.

The CD is easy to install, the interface is intuitive and very simple to use, the comprehensive help in one screen shows the functioning of each navigation tools.

The tutorial is very well organised for the contents which are divided in eleven subtopics. The subtopics included are ARI Overview, Etiology and Risk Factors, Pathology, Respiratory Defences, Clinical Features, Diagnosis, Case Management, Epidemiology, Prevention and Control, Vaccination Programmes, and ARI Programme Management and Surveillance. The Image Collection included is a searchable database of more than 640 photographs/images/diagrams from clinical as well as laboratory settings, and a Glossary which is an electronic index of medical and scientific terms used in the CD is arranged alphabetically, on clicking the term/word, for example septic shock you get the detail of the term. In addition to the glossary you can also find a term and its occurrence anywhere in the database of this CD and its location in the tutorial, you can click on any location to get the detail. There is also an interactive test quiz with explanatory answers, topic summary and references at the end of each subtopic.

A notepad included helps in taking notes while browsing the tutorial.

The contents of the CD have been provided and reviewed by experts in the field of ARI from all over the world including experts from developing world. This CD comes with large number of high-resolution graphics, flow diagrams, charts, and many pictures, it also has four animations and thirty-six video clips showing audio-visual details of ARI for easy learning.

This CD on ARI provides a wealth of useful information on the biology, epidemology, diagnosis, treatment, prevention and control of ARI in an instructive and imaginative way. It would be very useful for training institutes or advanced students with access to computer facilities. Many images can be adapted for overheads for lectures or practical sessions.

A sample animation from this CD. This one-minute animation shows how the diphtheria toxin inhibits cellular protein synthesis. The toxin causes inactivation of Elongation Factor 2 (EF-2), preventing the synthesis of polypeptide chains. The most profound effects are on the myocardium, peripheral nerves and kidneys. In this animation, Diphtheria toxin is shown as a bilobed structure, with blue circle denoting the active fragment and the red one as the binding fragment. The two are joined by an S-S (disulphide) bridge. It is particularly interesting to note, how the active fragment detatches itself, once inside the cell. It then transfers ATP from NAD to EF-2. EF-2 is now ADP ribosylated and can no longer participate in protein synthesis. Animations like this are scattered throughout the CD, making the understanding of difficult concepts very easy. You may want to wait for some time for the animation to load (24,864 bytes). (*To replay the animation, you may want to right click on the animation, and choose "play". To rewind the movie at any stage, similarly right click and choose "rewind"*).

The CD on ARI is a good addition to any doctor's multimedia collection and for demonstrating and health education to patients/ patient's attendants, will definitely appeal to persons in medical profession and others interested in the subject.

System requirements

- Intel Pentium processor (or equivalent) 120 MHz or better
- Windows 95, 98, 2000, NT 4 or later
- 32 MB of RAM
- 800 x 600 resolution, 24-bit colour (true colour) display
- CD-ROM drive
- Video for Windows (can be installed from the CD-ROM)

Note: Macintosh version of Malaria 2nd Edition CD-ROM is *not* available.
Uninstaller is included.

Installation:

1. Insert the CD into the CD-ROM drive.
2. Choose Start, then Run. Click Browse, select your CD-ROM drive and choose the Setup.exe. Click Open and then OK in the Run dialogue box to begin the installation.
3. Follow the on-screen instructions.
4. Once the installation is complete, choose Start, Programs, TIH and select the CD title. The TIH folder lists all the TIH titles which are available to you and is updated each time you install a new TIH CD. Make sure you have the correct CD in your CD-ROM drive.

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TOPICS IN INTERNATIONAL HEALTH SERIES

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The Topics in International Health series is designed for use as an educational resource in tropical and international health. It is aimed at medical and life sciences students, their teachers, healthcare professionals, academics, and researchers.

There are 36 Video Clips for basic as well as advanced learning.

The series covers some of the most common causes of illness and mortality worldwide and aims to provide accessible high quality information. All the content of this CD is reviewed by experts in the relevant field.

Each CD-ROM provides three complementary resources: Interactive Tutorials, Image Collection, and Glossary.

1. The Interactive Tutorials provide a framework for self-directed learning. They are designed for use alone or in small groups. Each tutorial has clear learning objectives, self-assessment tests, references to encourage further reading and a summary to reinforce key points.
2. The Image Collection is a searchable database of photographic images and accompanying information. It can be used as a detailed reference source or to provide examples for practical exercises and lectures.
3. The Glossary is an electronic index which explains the medical and scientific terms used in the Tutorials and Image Collection. Each CD-ROM has its own subject-specific Glossary.

Topics in International Health Malaria, Wellcome Trust CD-ROM This CD-ROM provides a wealth of useful information on the biology, epidemology, diagnosis, treatment, prevention and control of malaria in an instructive and imaginative way. It would be very useful for training institutes or advanced students with access to computer facilities. Many images can be adapted for overheads for lectures or practical sessions.

Available from: CAB International, Wallingford, Oxon OX10 8DE,UK.

E-mail:publishing@cabi.org

-G.S.Meena

Dr Gajendra Singh Meena was born on 25th December 1955 at pink city Jaipur in Rajasthan, India. He did his first twelve years of studies at Jaipur and medical graduation as well as post-graduation both from the prestigious All India Institute of Medical Sciences, New Delhi (AIIMSONIAN, 1974 Batch).



He has worked at AIIMS in ICMR Project, Lady Hardinge Medical College, New Delhi Dr. S.N. Medical College, Jodhpur, Rajasthan. He has more than seventeen years of UGs & PGs teaching experience as a faculty member in Community Medicine (Preventive and Social Medicine).
Presently he is working as Professor in the Department of Community Medicine at Maulana Azad Medical College, New Delhi, India. He has published ten papers, attended a dozen conferences, and presented papers there. His fields of research interests are prevention and control of communicable diseases and Epidemiology of non-communicable diseases.

Order this CD by clicking here

Go to cumulative index of multimedia reviews by clicking here.

-Editor-in-Chief