

A Adam, Rouilly

AR502 – AR502/50

Enhanced Digital Ear

Examination Trainer

Product Leaflet



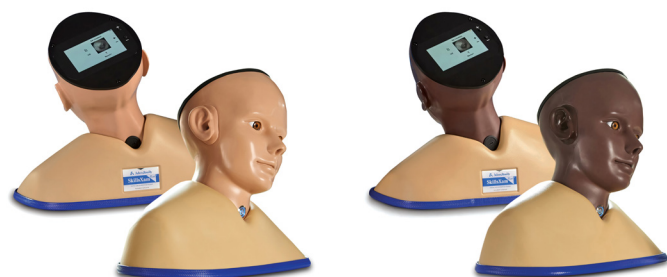
Enhanced Digital Ear Examination Trainer

AR502

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NEW



Ear examination is a cornerstone of clinical practice – and now, it's more immersive, lifelike, and versatile than ever. We are proud to once again collaborate with **Professor Tony Wright**, Emeritus Professor of Otolaryngology, to offer the Enhanced Digital Ear Examination Trainer: the evolution of a proven classic.

With a comprehensive, newly classified and expanded library of 59 ear conditions, including both essential findings and rarer conditions, students gain a richer, more realistic learning experience.

This upgraded trainer integrates exclusive Adam,Rouilly innovations to transform the way ear examination is taught. Inside the model, conditions are now displayed with greater clarity and true-to-life colour on a high-resolution circular LCD screen.

A 4.3-inch external touchscreen interface makes operation intuitive and efficient, allowing users to preview, search, and select conditions or build customisable condition sets for teaching, examination scenarios, or self-directed learning.

The Enhanced Digital Ear Examination Trainer puts powerful features at your fingertips, making otoscopy training and setup faster and more intuitive.

The trainer is available with our Enhanced Digital Eye Trainer as an educational set – please see **Page 24**.

Features

- Condition Library: browse names and image previews for all 59 ear conditions
- Search Function: instantly locate a condition for teaching or self-directed study
- Random Mode: display conditions in a varied sequence to keep learners interested
- Custom Sets: select up to 10 specific conditions in any order, for focused teaching or assessments
- Exam Mode: hide condition names and numbers for authentic test conditions. Sleep Mode is automatically disabled for uninterrupted practice
- Compatible with battery or USB-C mains power
- Intelligent sleep mode for power saving (automatically cancelled in Exam Mode)

Includes

- Rigid Carrying Case
- Shoulder Base
- USB-C Mains Adaptor with Worldwide Plug Fixings
- Instruction Manual

Digital Ear Conditions

Ear conditions and diseases presented digitally for the right patient ear:

Normal Ear:

- 1 Normal I
- 2 Normal II

Outer Ear:

- 3 Ear Wax (Cerumen)
- 4 Swimmer's Osteoma
- 5 Fungal Ear I
- 6 Fungal Ear II
- 7 Foreign Body I
- 8 Foreign Body II
- 9 Acute Haemorrhagic Bullous Otitis Externa
- 10 Viral Papilloma
- 11 External Canal Stenosis
- 12 Furunculosis
- 13 Skull Base Fracture
- 14 Pseudomonas Otitis Externa
- 15 Keratosis Obturans

Outer / Middle Ear:

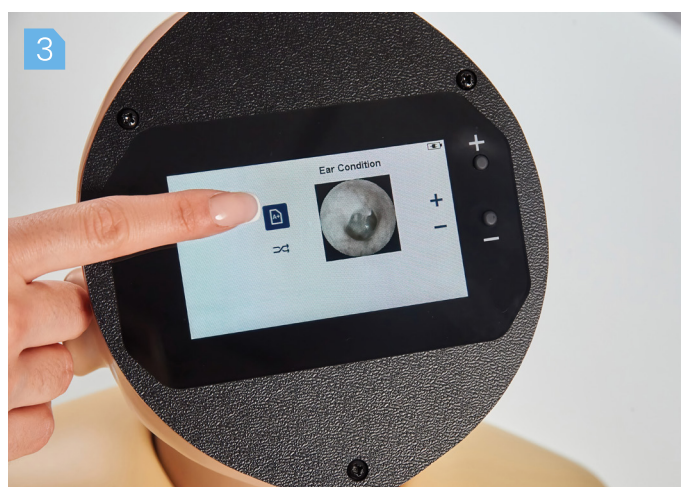
- 16 Barotrauma I
- 17 Barotrauma II
- 18 Acute Viral Ear

Middle Ear:

- 19 Acute Secretory Otitis Media I
- 20 Resolving Secretory Otitis Media
- 21 Acute Secretory Otitis Media II
- 22 Acute Otitis Media III
- 23 Perforation Following an Acute Suppurative Otitis Media (ASOM)
- 24 Childhood Glue Ear
- 25 Glue Ear in a Child with Dermoid Cyst in the Eardrum
- 26 Adult Glue Ear
- 27 A Standard Ventilation Tube in the Membrane
- 28 Infected Mini Grommet with Otitis Externa Secondary to a Mucus Discharge
- 29 Permanent Ventilation Tube in Place
- 30 Large Perforation of the Tympanic Membrane
- 31 A Posterior Perforation of the Tympanic Membrane
- 32 Two Small Traumatic Perforations Following a Blow to the Ear
- 33 Subtotal Perforation of the Tympanic Membrane
- 34 Chronic Suppurative Otitis Media-Mucosal
- 35 Perforation with Tympanosclerosis
- 36 Grommet Scar Healed
- 37 Foreign Body in Middle Ear
- 38 Tympanosclerosis of Tympanic Membrane
- 39 Posterior Retraction
- 40 Retraction onto Long Process of the Incus
- 41 Retraction with Loss of Long Process of the Incus and Keratin Trail
- 42 Retraction with Loss of Long Process of the Incus
- 43 Posterior Retraction Pocket onto Jugular Bulb and with Middle Ear Fluid
- 44 Retraction with Early Keratin Build Up
- 45 Childhood Attic Retraction
- 46 Deep Attic Retraction
- 47 Attic Retraction Accumulation Keratin Underlying Cholesteatoma
- 48 Extensive Accumulation with Cholesteatoma in Middle Ear
- 49 Wet Cholesteatoma
- 50 Aural Polyp
- 51 Clean Dry Reconstructed Mastoid Cavity
- 52 Old Style Mastoid Cavity with Residual Cholesteatoma
- 53 Mastoid Cavity with Fistula into Lateral Semicircular Canal
- 54 Congenital Cholesteatoma
- 55 Large Congenital Cholesteatoma
- 56 Ear Canal Cholesteatoma I
- 57 Ear Canal Cholesteatoma II
- 58 Glomus Tympanicum Tumours

Skull Base:

- 59 Glomus Jugulare Tumour



- 1 Flexible Training for Self Directed or Assessment Scenarios
- 2 Soft, Flexible and Realistic Pinna and Ear Canal
- 3 Search, Randomise, or Display Conditions in Custom Sets
- 4 Tympanic Membrane Same in Both Light and Dark Models

Safety in Training, Safety in Practice

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Adam,Rouilly has over 100 years of experience in providing quality medical models and simulators.

As part of our policy of continuous product development, the specifications of our products may change without prior notice.

Should you require further information, please contact our Sales Department, who will be pleased to assist you with your enquiry.

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