

Simuladores de Emergencias y de Enfermería

Simuladores de Soporte Vital Avanzado:

Simuladores realistas que permiten el entrenamiento en un extenso rango de técnicas de soporte vital avanzado en emergencias. Combina las técnicas de RCP avanzada con las de trauma, permite intubar por boca y nariz, monitorizar más de 1000 combinaciones de ECG (con distintos complejos QRS, extrasístoles, frecuencias), desfibrilación, marcapasos, acceso intravenoso, infusión intraósea, cricotirotomía, neumotórax, entre otros.

Adicionalmente, pueden trabajar con el nuevo SIMPAD, una tablet para el entrenamiento de signos vitales compatible con monitor de paciente (opcional).



Resusci Anne Advanced
Adulto



MegaCode Kelly
Adulto



MegaCode Junior
Pediátrico



MegaCode Baby
Neonato



Simulador ALS Avanzado.- Diseñado para el entrenamiento en emergencias hospitalarias y pre-hospitalarias. Permite perfeccionar las técnicas avanzadas de RCP y adquirir habilidades de toma de decisiones clínicas, trabajo en equipo y habilidades de: Control de vías aéreas, auscultación, interpretación de ECG, desfibrilación, etc. Incluye: Monitor de Signos Vitales, Cámara, Laptop y SimPad de control

Simuladores de Soporte Vital Básico:

Simuladores diseñados para aportar el mayor realismo anatómico para el entrenamiento de las técnicas de reanimación cardio pulmonar (RCP) básica en adulto, niño y bebé en modelos de torso básico y en cuerpo completo. Todos ellos poseen: marcas anatómicas correctas, pulso carotídeo simulado, obstrucción natural de vía aérea, etc.. Algunos de ellos pueden trabajar con el Sistema SimPad que provee un feed back para evaluar la calidad de la práctica de RCP.



Torsos Little Anne, Little Junior y Baby Anne



Resusci Baby



Resusci Junior



Resusci Anne QCPR

Simuladores de Habilidades en Emergencias:

Simuladores por partes interactivos y realistas que permiten el entrenamiento en procedimientos de emergencia.



Cabeza de Intubación
adulto



Torso de Intubación
Pediátrico



Cabeza de Intubación
Infante



Cabeza de Intubación
Neonatal



Cabeza de intubación
difícil



Entrenador de
Cricotirotomía



Entrenador de
Pneumotórax



Torso IV – Vías
centrales



Entrenador de
Desfibrilación



Entrenador de manejo de vía aérea
y extricación

Simuladores de habilidades y destrezas

Simuladores por partes diseñados para el desarrollo de habilidades y destrezas psicomotoras de enfermería a través de la práctica repetitiva.



Inyección Intravenosa



Maniobra de Heimlich



Punción por pneumotórax



Cateterización vesical



Acceso intraóseo

Simuladores de Enfermería para Cuidados del Paciente

Simuladores de cuerpo completo para el cuidado de enfermería, diseñados para la simulación y práctica de un completo rango de cuidados y valoración del paciente adulto, pediátrico y neonato. Permite: Evaluación de signos vitales, toma de presión arterial y pulso, auscultación de sonidos respiratorios, cardiacos, e intestinales, acceso intravenoso, intramuscular e intraóseo, curación de heridas, entre otros. Incluye controlador de signos vitales: SimPad.



Nursing Anne



Nursing Kelly




Nursing kid



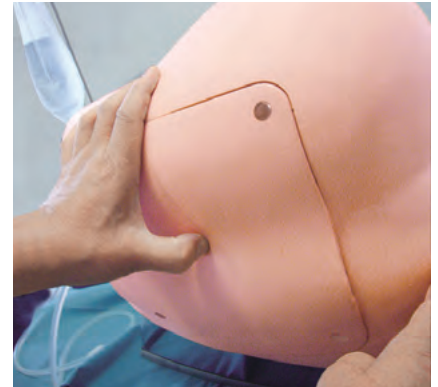
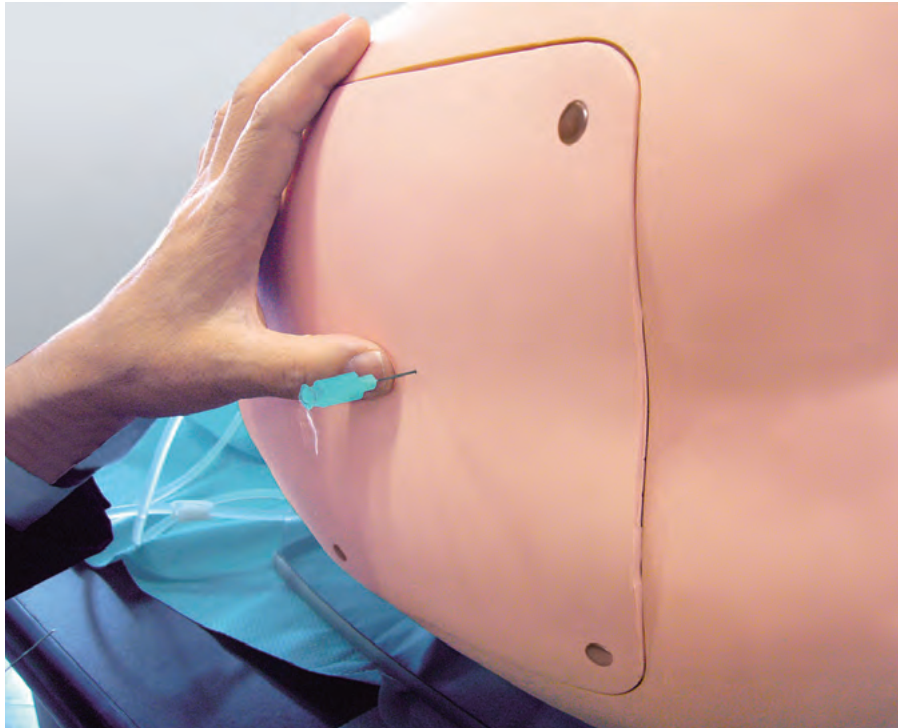
Nursing baby

Materiales para cursos AHA:

Toda la línea de libros, DVDs, CDs y certificados para los cursos de la **American Heart Association**. 

Lumbar Puncture Simulator II

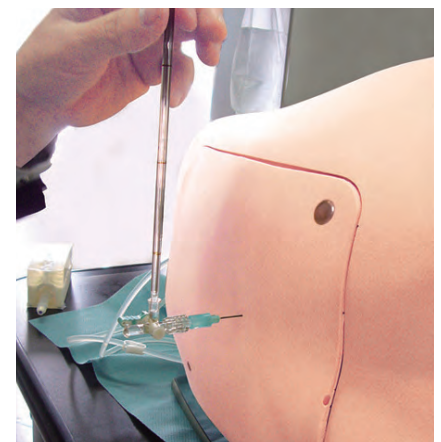
The Lumbar Puncture Simulator has been designed by medical education experts to enhance formal LP procedural skills training and assessment. It allows students and medical professionals to practice frequently and achieve high levels of procedural competence without placing any patients at risk of harm.



Palpation of Landmarks



Lumbar Puncture and CSF collection



CSF Pressure Measurement

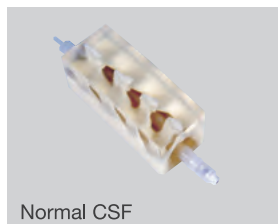
Production supervision:

Takahiro Amano, M.D.

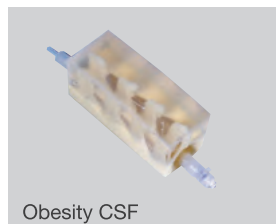
Professor and Director, Center for Postgraduate Medical Education Inetrnational University of Health and Welfare Guest Professor, Keio University School of Medicine

M43B model closely simulates the lumbar anatomy including the landmarks.
Provides life-like sensation of both skin and tissue resistance to the spinal needle.
Allows students to measure CSF fluid pressure, collect CSF fluid and epidural anesthesia procedures under clinically realistic conditions.
Five types of puncture blocks enhance training with different levels of challenges.

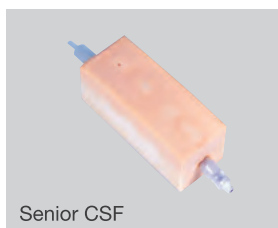
LP block



Normal CSF



Obesity CSF



Senior CSF



Senior Obesity CSF

Epidural block



Epidural block with excellent needle-tip feeling.
Loss-of-pressure technique with water or air can also be simulated.

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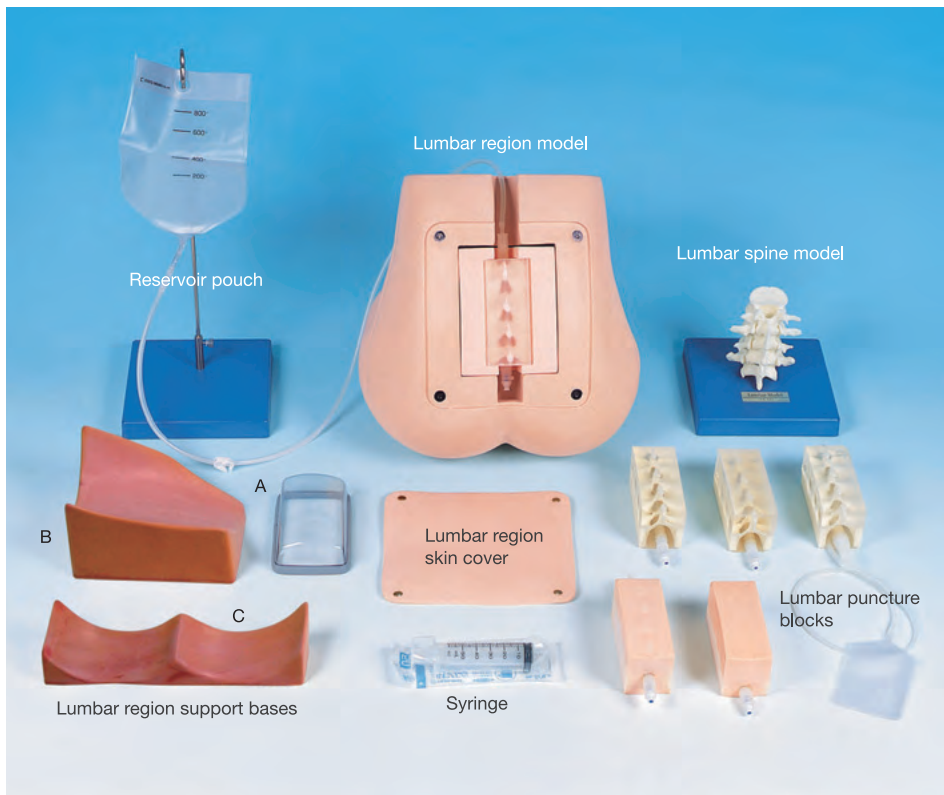
15 KitaneKoya-cho, Fushimi-ku,
Kyoto, 612-8388, JAPAN

Tel: +81-75-605-2510

Fax: +81-75-605-2519

www.kyotokagaku.com

rw-kyoto@kyotokagaku.co.jp



Lumbar region support bases for either individual or group practice



A Team Teaching



B Lateral Position



C Sitting Position

A separate anatomical model of the lumbar spine to facilitate anatomical understanding.

Transparent puncture blocks for direct observation of both the anatomy and the spinal needle path.

Three lumbar region support stands for either individual or team practice.

A thorough guidebook to the relevant anatomy, physiology, indications and performance of the lumbar puncture.

Included also is a guide to CSF fluid analysis and LP risk management.



The simulator reproduces the feel of a real lumbar puncture.



Lumbar spine model for facilitating anatomical understanding.

Lumbar Puncture Simulator II M43B

Set includes:

- 1 lumbar region model
- 6 lumbar puncture blocks
 - 2 normal CSF, 1 obesity CSF, 1 senior CSF,
 - 1 senior obesity CSF, 1 epidural
- 1 lumbar region skin cover
- 3 lumbar region support bases:
 - sitting position, lateral position, team teaching
- 1 lumbar spine model
- 1 reservoir pouch, tube, support base and syringe
- 1 guidebook

manikin size: 37 x 34 x 23 H cm

packing size: 71 x 30 x 51 H cm, 14 kg

Consumables and optional parts:

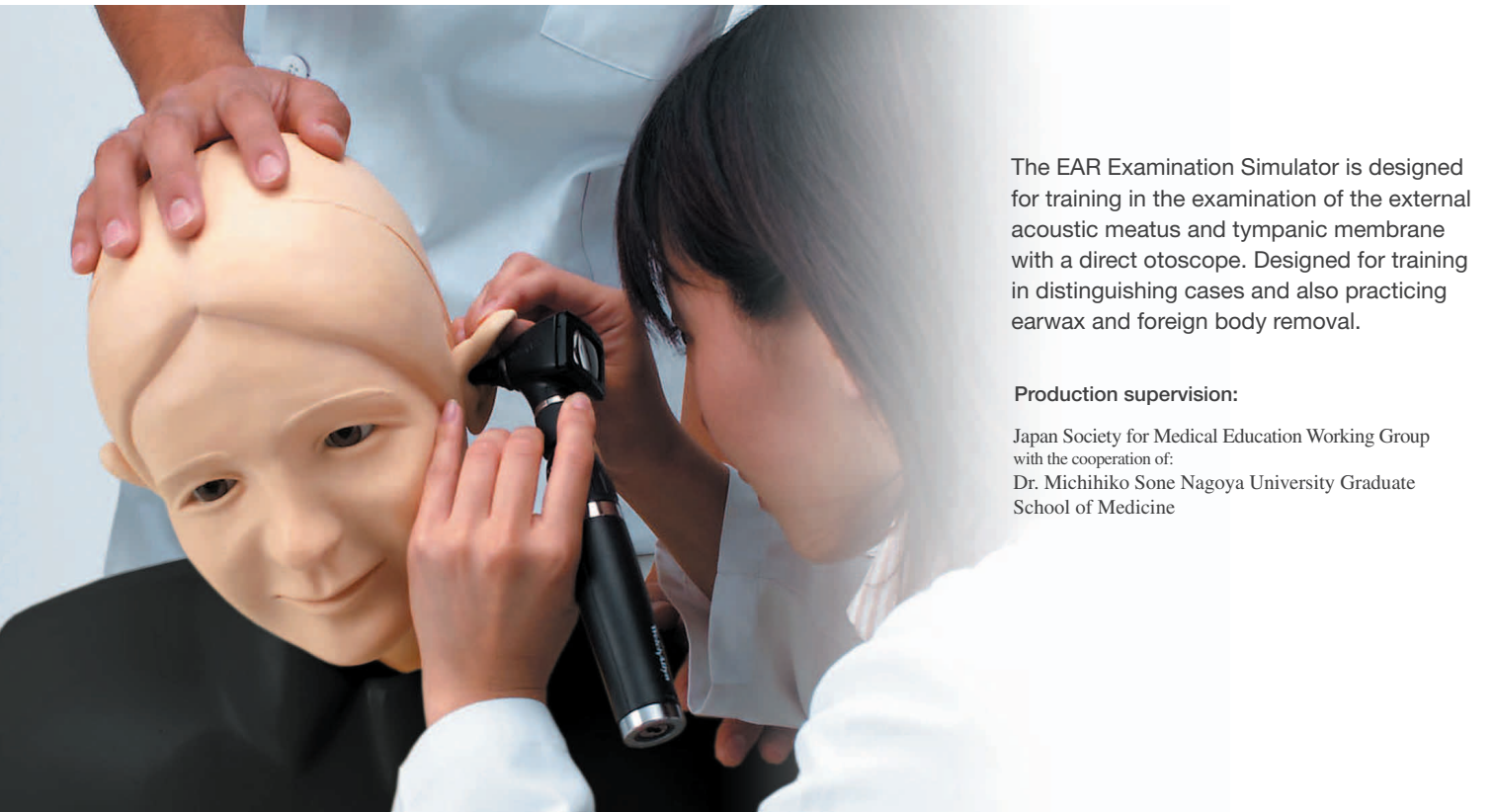
- 11348-090 LP block (normal CSF), 1 pc
- 11348-110 LP block (obesity CSF), 1 pc
- 11348-120 LP block (senior CSF), 1 pc
- 11348-130 LP block (senior obesity CSF), 1 pc
- 11348-140 epidural block, 1 pc
- 11348-150 lumbar region skin cover, 1 pc

Specifications are subject to change.

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15 Kitanechoya-cho, Fushimi-ku,
Kyoto, 612-8388, JAPAN
Tel: +81-75-605-2510
Fax: +81-75-605-2519
www.kyotokagaku.com
rw-kyoto@kyotokagaku.co.jp

EAR Examination Simulator

Product No. **M88**

The EAR Examination Simulator is designed for training in the examination of the external acoustic meatus and tympanic membrane with a direct otoscope. Designed for training in distinguishing cases and also practicing earwax and foreign body removal.

Production supervision:

Japan Society for Medical Education Working Group
with the cooperation of:
Dr. Michihiko Sone Nagoya University Graduate
School of Medicine

Easily interchangeable life-size, life-like, plug-in ears.
Special graphical case contents provide exact case imaging through the otoscope.
Examination possible from both left and right sides.

Actual otoscopes can be used for training (not supplied).

Diagnostic training using both the right and left ears is possible with 10 matching sets of ear models showing embedded tympanic membrane images.

Anatomically correct ear models with soft material facilitate hands-on practice in clinical procedures such as straightening the auditory canal by pulling the auricle.

The manikin neck can be tilted from side to side to learn head positioning.

A normal case with a wider view is provided as an introductory level.

Foreign body removal can be practiced using simulated earwax and/or small objects, and a pair of ear models without eardrums.



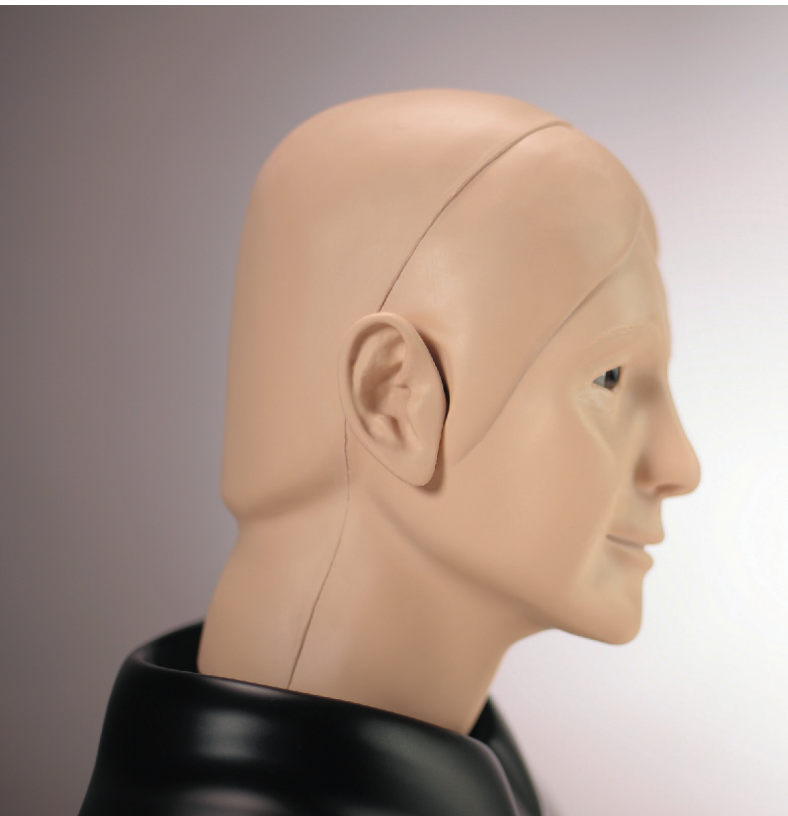
Training with an actual otoscope



Simple exchange of ear units

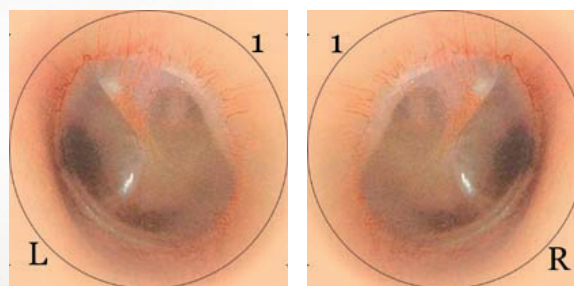
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Cases Ears: 22 (11 matching sets of right and left)

1. normal
2. normal (large external auditory canal)
3. serious otitis media; SOM
4. mucoid otitis media; MOM
5. chronic suppurative otitis media; CSOM
6. acute suppurative otitis media; AOM
7. cholesteatoma
8. tympanosclerosis
9. traumatic perforations
10. cerumen block
11. practice of foreign substance removal (no eardrum image)



Normal



Foreign body removal



Soft earlobes



EAR Examination Simulator M88

Set includes:

- 1 manikin head and shoulder
 - 1 set of ear case models (11 pairs)
 - 1 set of simulated ear wax, small toys and small sponge fragments
 - 1 talcum powder
 - 1 carrying case
 - manikin size: 42 x 21.5 x 38H cm, 2 kg
 - packing size: 30 x 70 x 50H cm, 11 kg
- *An otoscope is not supplied with the unit.

Replacement parts

- 11222-010
Replacement ear case set: 11 pair of ears, 1 set of ear wax and foreign bodies, 1 talcum powder
- 11222-020
Replacement individual ear case (specify the case number at the time of order.)

Specifications are subject to change.

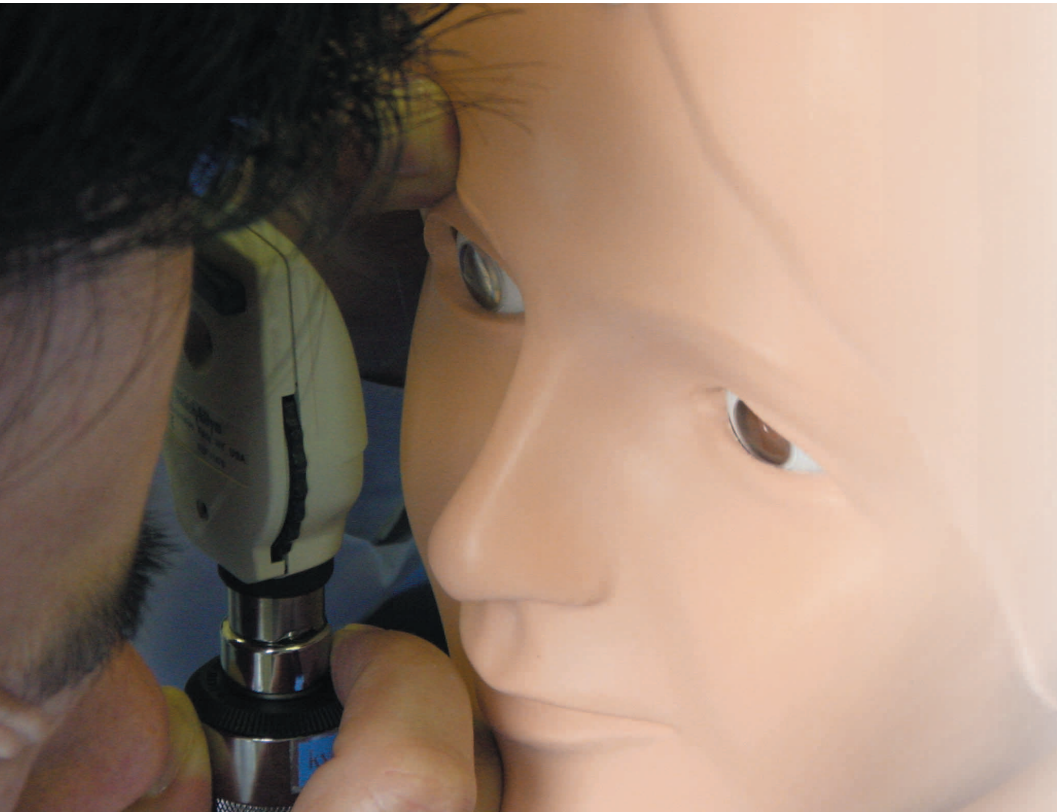


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EYE Examination Simulator

Japanese Patent No.3429274

Product No. **M82**



The EYE Examination Simulator is an innovative trainer for fundus examination, designed to allow examination of eyegrounds with the physician's own ophthalmoscope.

Various cases can be set up for trainees using combinations of choice of slides, depth and pupil diameter.

Soft and supple material allows hands-on simulation of real examination procedures, such as raising the eyelid.

Production supervision:

Japan Society for Medical Education Working Group
with the cooperation of:
Kansai Medical University Department of
Ophthalmology

Suitable for training with all types of direct ophthalmoscopes.
The lens-equipped eyeball units reproduce the visual axis close to that of the human eye providing a realistic eye-ground view.

When the instrument is used improperly, the ocular fundus will not be observed clearly.

The depth of the fundus slides can be set in 3 steps, showing differences between hyperopic, normal and myopic views.

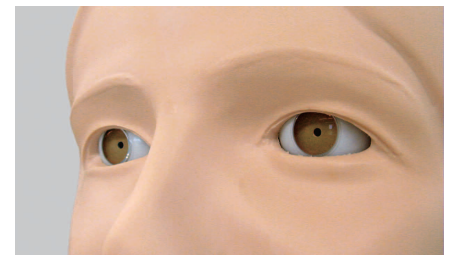
10 cases of fundus slides are provided for training in common eye disease identification.

The slides were processed from actual clinical images in order to reproduce appropriate representative views in the eye unit.

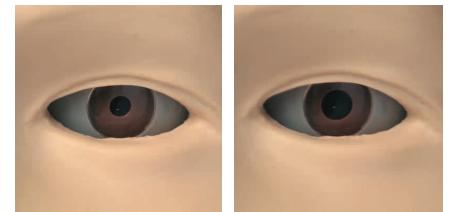
Soft and supple manikin material allows hands-on practice of examination procedures, such as raising the eyelid.

Pupil diameter can be changed.

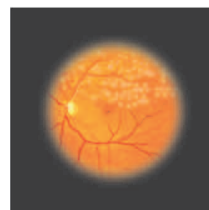
Red reflex can be seen.



lens-equipped eyeball units



Pupil diameter can be changed



Red reflex can be seen.



Soft and supple manikin



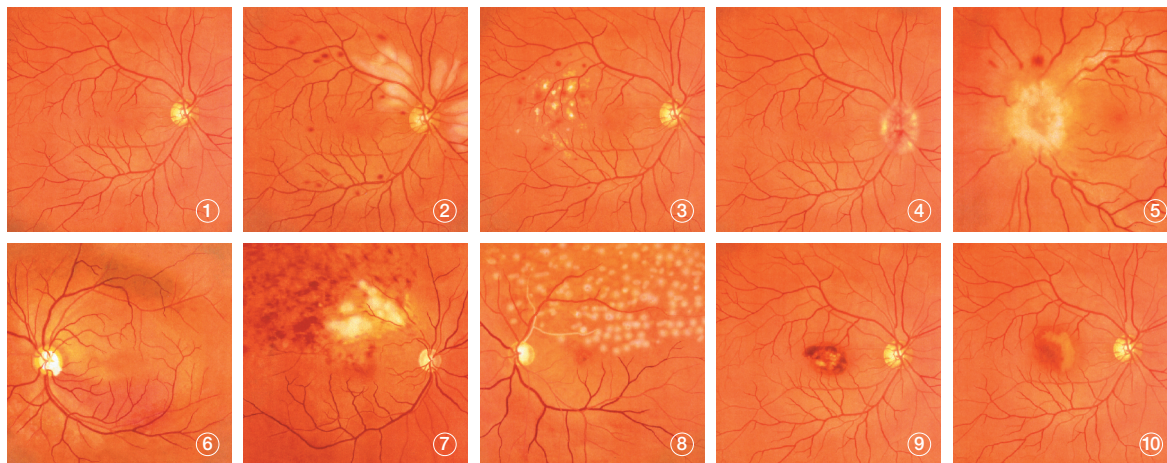
depth of the fundus slides

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Head Office: 15 Kitaneokoya-cho, Fushimi-ku, Kyoto, 612-8388, JAPAN Tel: +81-75-605-2510 Fax: +81-75-605-2519

USA Office: 3109 Lomita Boulevard, Torrance, CA 90505-5108, USA Tel: 1-310-325-8860 Fax: 1-310-325-8867



Cases

Slides (set of 10)

1. Normal eye-ground
2. Hypertensive retinopathy: arteriolar vasoconstriction grade 3, arteriosclerosis grade 1, hemorrhages and cotton wool spots, simple vein concealment.
3. Simple/background diabetic retinopathy: microaneurysm, hemorrhages and hard exudates
4. Papilloedema (chronic phase)
5. Papilloedema (acute phase)
6. Glaucomatous optic atrophy: glaucomatous optic disc cupping and nerve fiber defect
7. Retinal vein occlusion (acute phase): flame-shaped hemorrhage and cotton wool spots
8. Retinal vein occlusion (after retinal laser photocoagulation)
9. Toxoplasmosis: retinochoroiditis
10. Age-related macular degeneration: macular exudates and subretinal hemorrhage



EYE Examination Simulator M82

Set includes:

- 1 manikin head and shoulder
- 1 pupil switch
 - 3 steps (2,3.5 and 5mm diameter)
 - 1 Slide holder with 3 steps depth setting
- 1 set of case slides (10 cases)
- 1 slide duster
- 1 carrying case
 - manikin size: 42 x 21.5 x 38H cm, 2 kg
 - packing size: 30 x 70 x 50 cm, 10 kg

*An ophthalmoscope is not supplied with the unit.

Replacement parts

- 11220-010 replacement fundus case slides (set of 10 cases)

Specifications are subject to change.

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Prostate Examination Simulator

Prostate Examination Simulator provides realistic training in prostate palpation skills, with its soft life-like anus and rectum material.

Ten types of prostates are placed in the simulator and the trainer can smoothly interchange them using a simple rotating system.

Three patient positions are possible. Compact and space-saving design.

Production supervision:

Dr. Osamu Yoshida, Professor Kyoto University Faculty of Medicine, Department of Urology

Dr. Takashi Katayama, Professor Toyama Medical and Pharmaceutical University Department of Urology



10 prostate cases:

2 normal,
2 enlargements,
5 carcinomas and
1 prostatitis

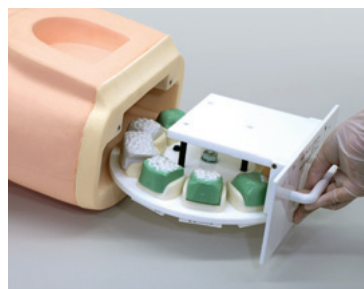


Soft, life-like material of anus, rectal and lumbar torso provides realistic training in examination procedures.



The lumbar torso can be placed in three patient positions: supine, prone and lateral position.

Built-in prostates can be changed using a simple rotating switch. This saves time for preparation in training and skills assessment.



Prostate Examination Simulator

Set includes:

- 1 male lumbar torso
- 1 rotating unit
- 10 prostate cases: 2 normal, 2 enlargements, 5 carcinomas and 1 prostatitis
- 1 jar of Vaseline
- 1 pair of gloves
- 1 carrying case

manikin size: 40 x 32 x 24 H cm, 5.3 kg

packing size: 41 x 40 x 33 H cm, 7 kg

Replacement parts

11272-040 replacement anus pad

Specifications are subject to change.

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15 Kitaneokoya-cho, Fushimi-ku, Kyoto, 612-8388, JAPAN

Tel: +81-75-605-2510 Fax: +81-75-605-2519

www.kyotokagaku.com rw-kyoto@kyotokagaku.co.jp

Digital Rectal Examination Simulator

Digital Rectal Examination Simulator is a unique trainer designed for training in differentiation of rectal tumors and polyps by palpation.

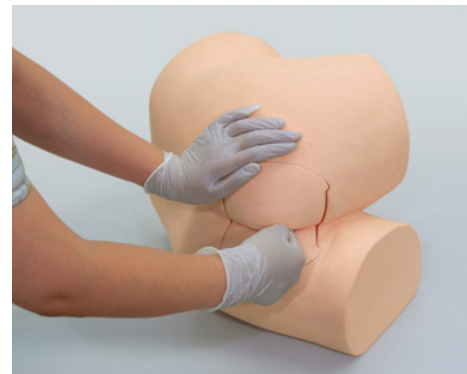
Four interchangeable rectum units are included.

Normal prostate or endocervix is also to be palpated.

Life-like rectum is palpable up to seven cm depth.

High-fidelity sphincter resistance and feeling of rectum wall allows excellent hands-on DRE training before passing on to patients.

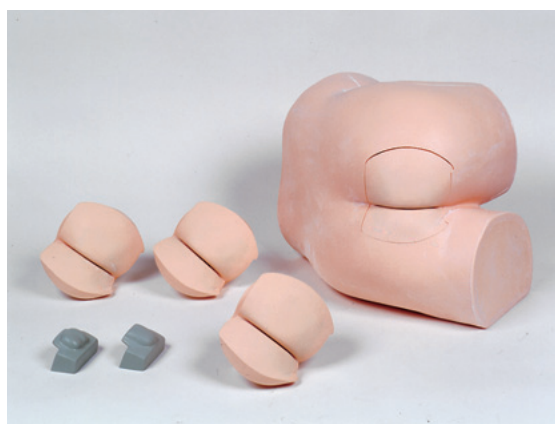
4 interchangeable rectum units for differentiation of lesion types.
Prostate or endocervix can be palpated.



Prostate or endocervix can be palpated.



4 interchangeable rectum units for differentiation of lesion types.



Digital Rectal Examination Simulator

Set includes:

M 92

- 1 lumbar torso (unisex)
- 4 rectum units:
 - 1 normal
 - 2 rectal cancers
 - 1 rectum with polyps
- 1 prostate unit
- 1 endocervix unit
- 1 jar of Vaseline
- 1 carrying case

manikin size: 30 x 35 x 29 H cm, 6.2 kg

packing size: 44 x 53 x 53 H cm, 13 kg

Specifications are subject to change.

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Replacement parts

11269-110 rectum unit #1 (normal)

11269-120 rectum unit #2 (cancer A)

11269-130 rectum unit #3 (cancer B)

11269-140 rectum unit #4 (rectum with polyps)

11269-150 prostate unit

11269-160 endocervix unit