

EYE Examination Simulator II

Japanese Patent No.3429274

Product No. **M82A**



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.

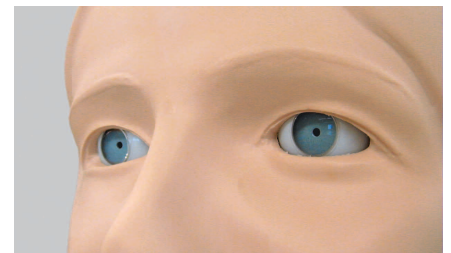
10 cases of fundus slides are provided for training in common eye disease identification.

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

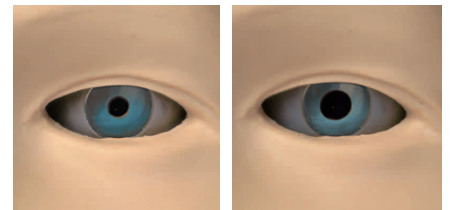
Soft and supple manikin material allows hands-on practice of examination procedures, such as raising the eyelid.

Pupil diameter can be changed.

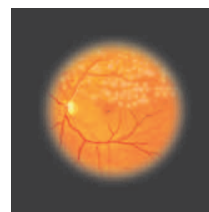
Red reflex can be seen.



lens-equipped eyeball units



Pupil diameter can be changed



Red reflex can be seen.



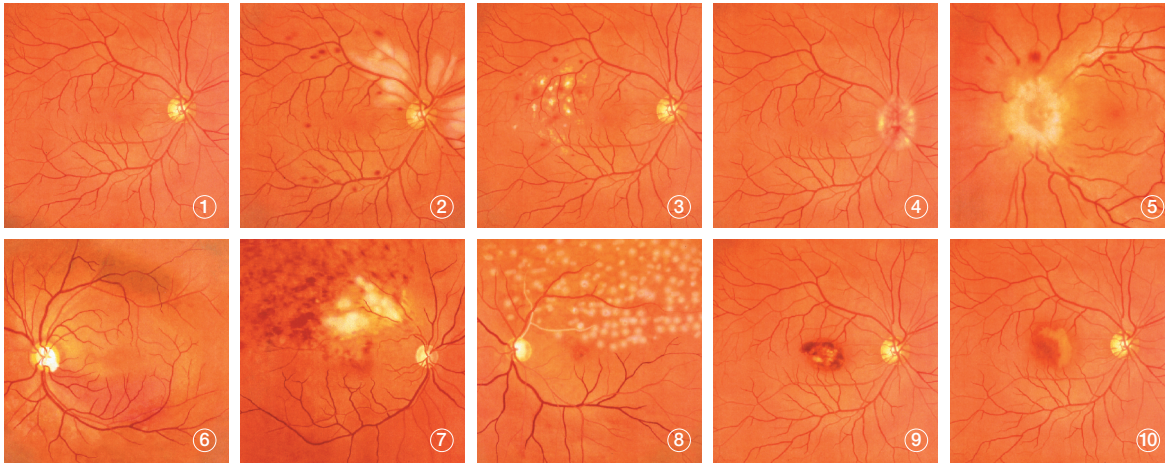
Soft and supple manikin



depth of the fundus slides



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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 II M82A

Set includes:

- 1 manikin head and shoulder
- 1 pupil switch
 - 2 steps (3.5, 8mm 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: 35 x 47 x 25 cm, 3.5 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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