Early Diagnosis Retina.

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WCO Concept of Optometry

Optometry is a healthcare profession that is autonomous, educated and regulated (licensed/registered), and optometrists are primary healthcare practitioners of the eye and visual system who provide comprehensive eye and vision care, which includes refraction and dispensing, detection/diagnosis and management of disease in the eye, and the rehabilitation of conditions of the visual system.

25 April 1997

Competence Level WCO

- Optical Technology Services
- Visual Management Services
- Ocular Diagnostic Services
- Ocular Therapeutic Services

1. Levels of Optometric Services

- **A Model of International Optometric Services, Skills & Competencies**

- WCO/ARBO Planning Committee
- Mutual Recognition of Optometric Credentials
- October 2-3, 2003

Optical Technology Services

- **The use of ophthalmic lenses, instruments and devices to assess or correct defects of the visual system**

Visual Function Services

- ***Optical Technology Services, &***
- **The use of procedures to investigate, examine, measure, diagnose and correct defects of the visual system**

Ocular Diagnostic Services

- ***Optical Technology Services, &***
- ***Visual Function Services, &***
- **The use of procedures to investigate, identify, diagnose and evaluate the eye, adnexa and systemic factors to determine the presence of disease and its management**

Ocular Therapeutic Services

- ***Ocular Technology Services, &***
- ***Visual Function Services, &***
- ***Ocular Diagnostic Services, &***
- **The use of pharmaceutical agents and other procedures to manage ocular conditions**

Because it is important to assess the fundus?

.Retinal health is important since it is the initial stage actually processes Vision with action of converting light pulses into nerve impulses.

If there is one or more impediments to the light rays from reaching the retina, or upon reaching it are not converted into nerve impulses have visual difficulties.

Because it is important to assess the fundus?

If we take as routine in our practice the clinical evaluation of the fundus, we will have a great advantage in the final diagnosis eyecare patient. The equipment we use will give us the advantage of a more complete diagnosis, more direct ophthalmoscopy is a fundamental tool for our clinical diagnosis.

Retinal topography.

.We must be very familiar on the retinal topography to know that search, how to search, where to look.

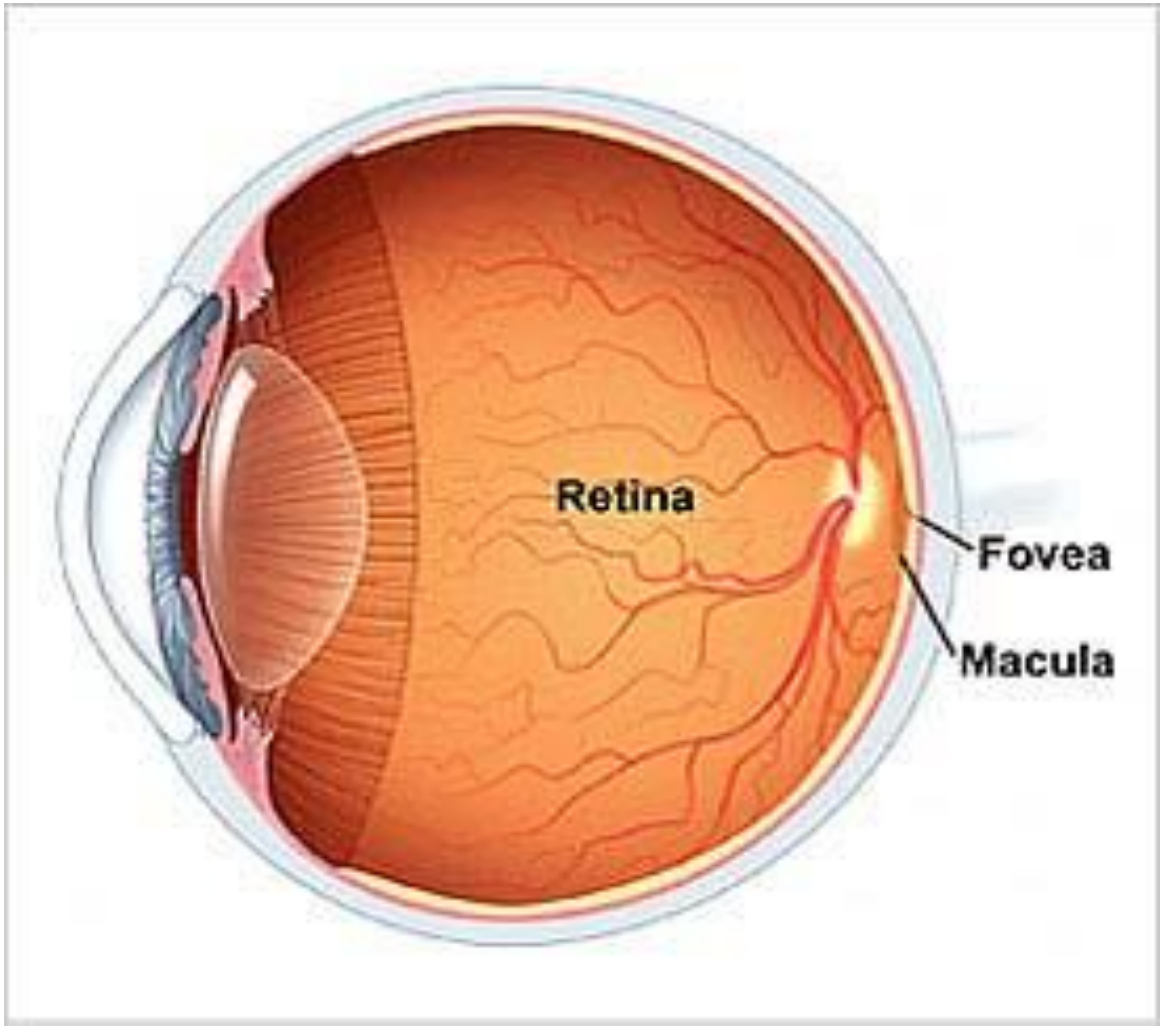
.Starting point, the optic nerve.

.Retinal tonality.

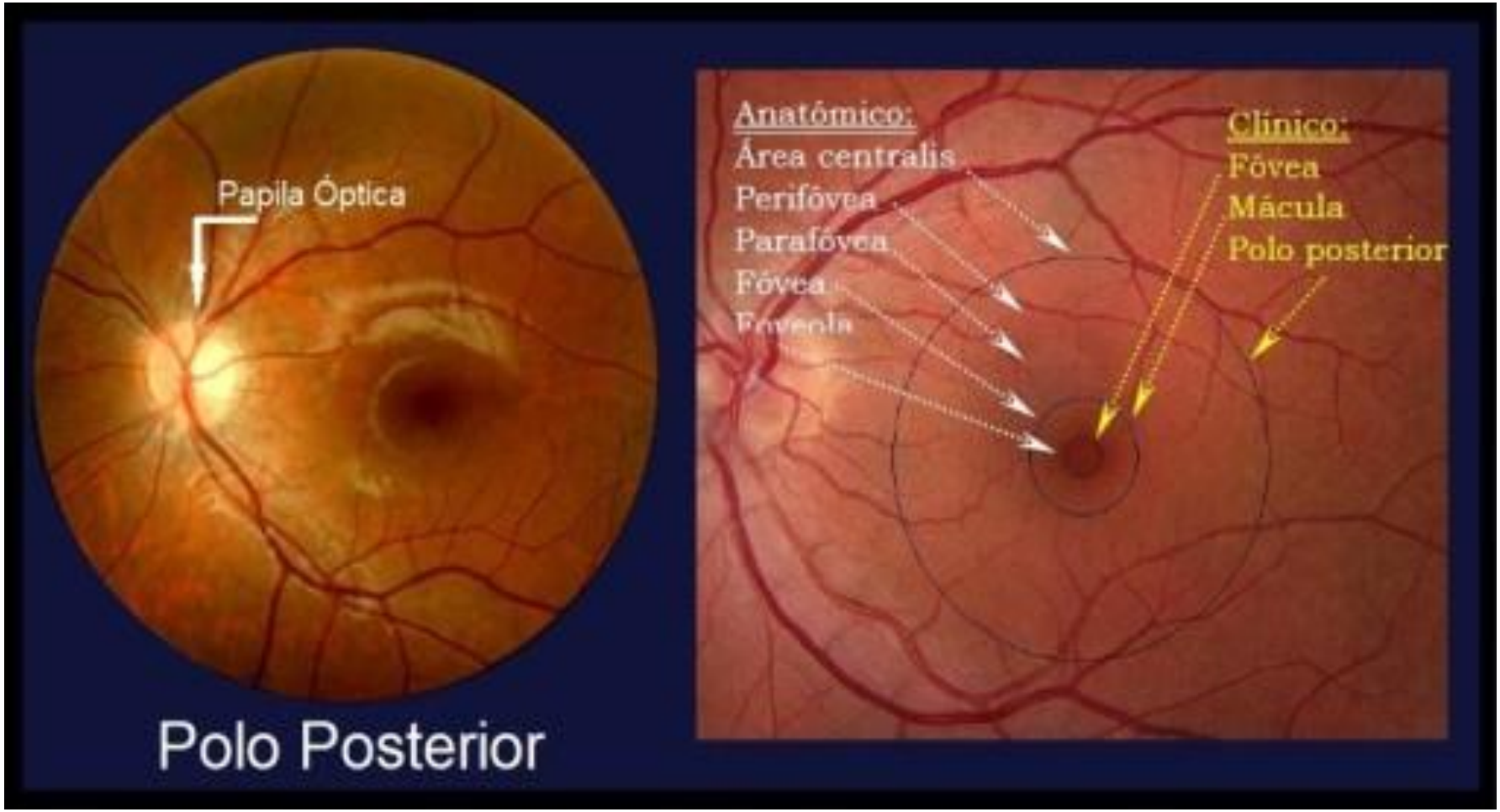
.Retinal arteriovenous distribution (Calipers and parallels)

.Taint.

Retinal topography.



Retinal topography.



Retinal topography.

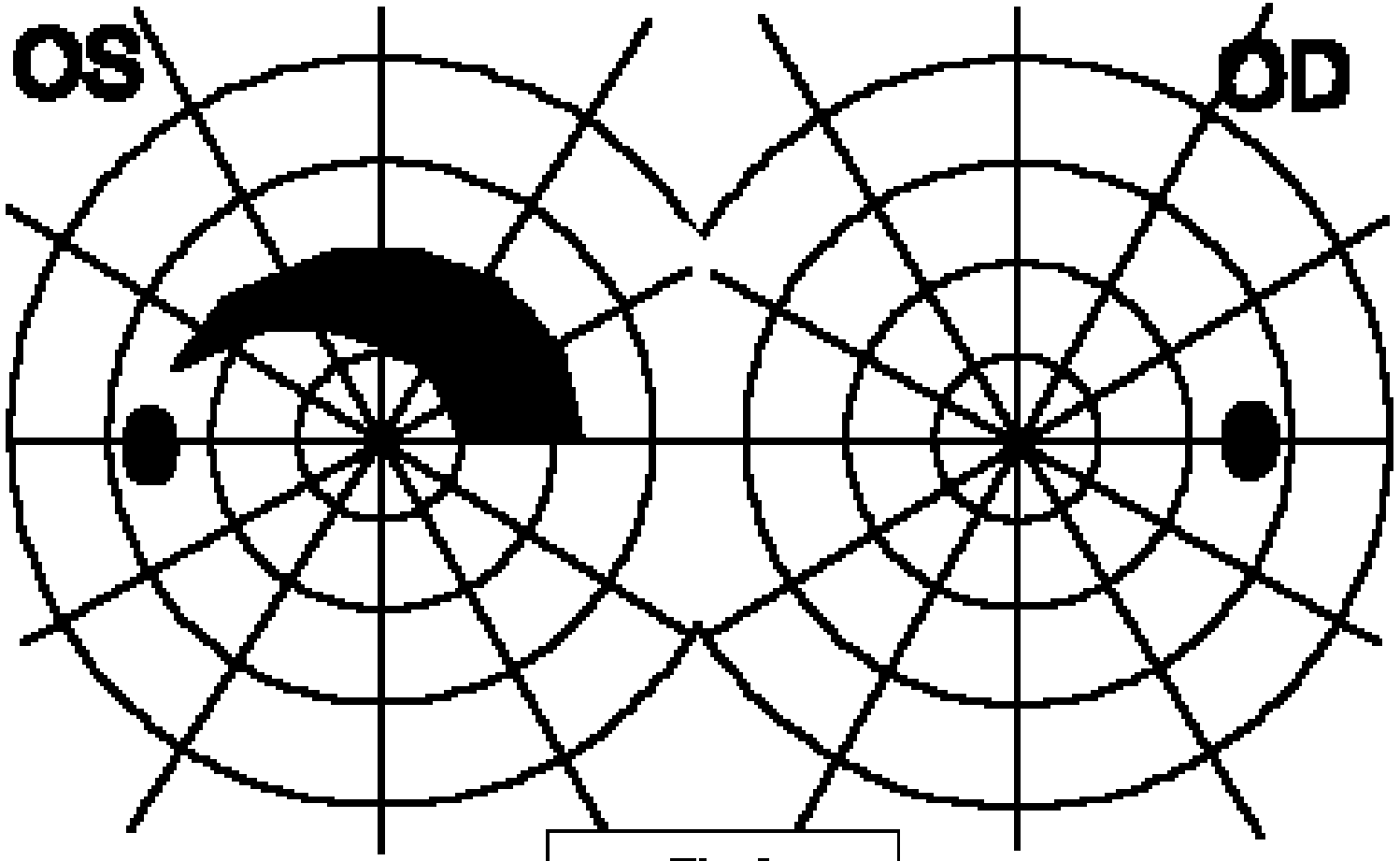


Fig. 2

Direct ophthalmoscopy:

El Oftalmoscopio

A. Espejo de la superficie frontal

B. Interruptor del filtro polarizante lineal cruzado/sin rojo

C. Disco de selección de la apertura

D. Control de encendido/apagado del reóstato

E. Apoyo de goma para la ceja

F. Disco de selección de lentes

G. Indicador de lentes iluminado

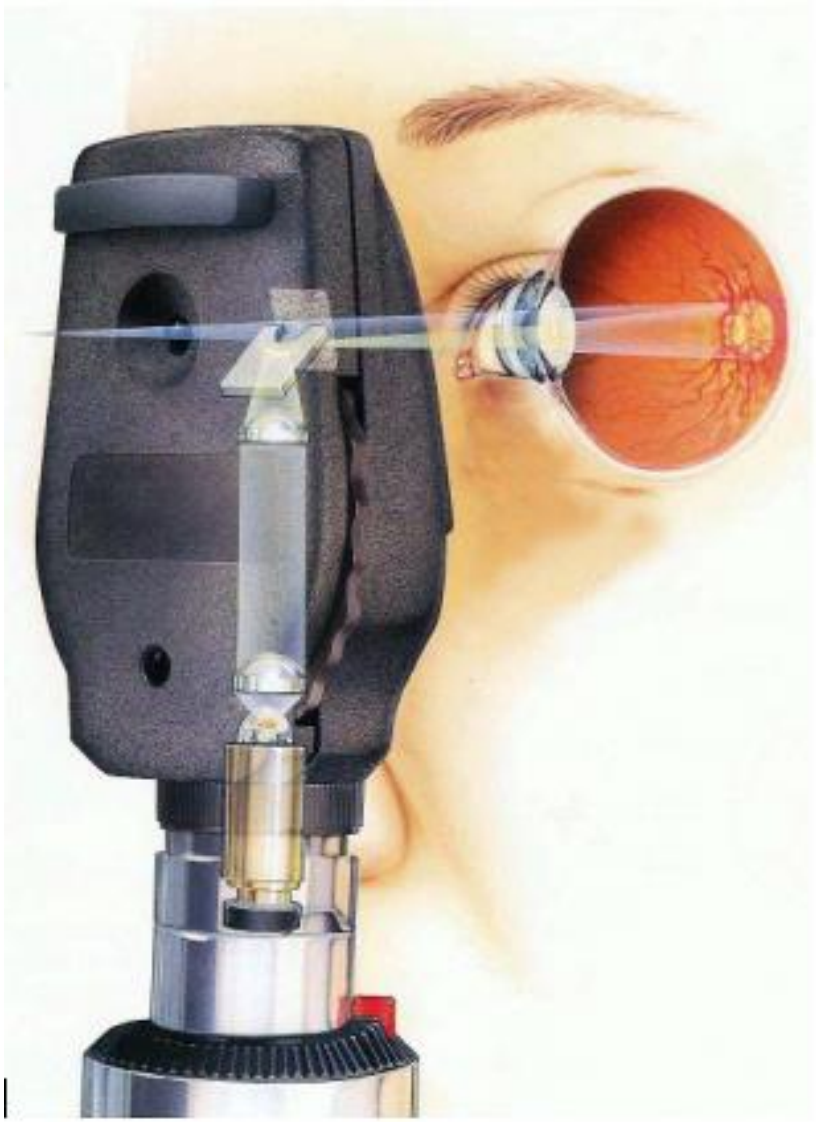


Direct ophthalmoscopy:




WelchAllyn
PanOptic
Ophthalmoscope
20
0

Direct ophthalmoscopy:



Indirect ophthalmoscopy



Indirect ophthalmoscopy



Cámaras Retínales:



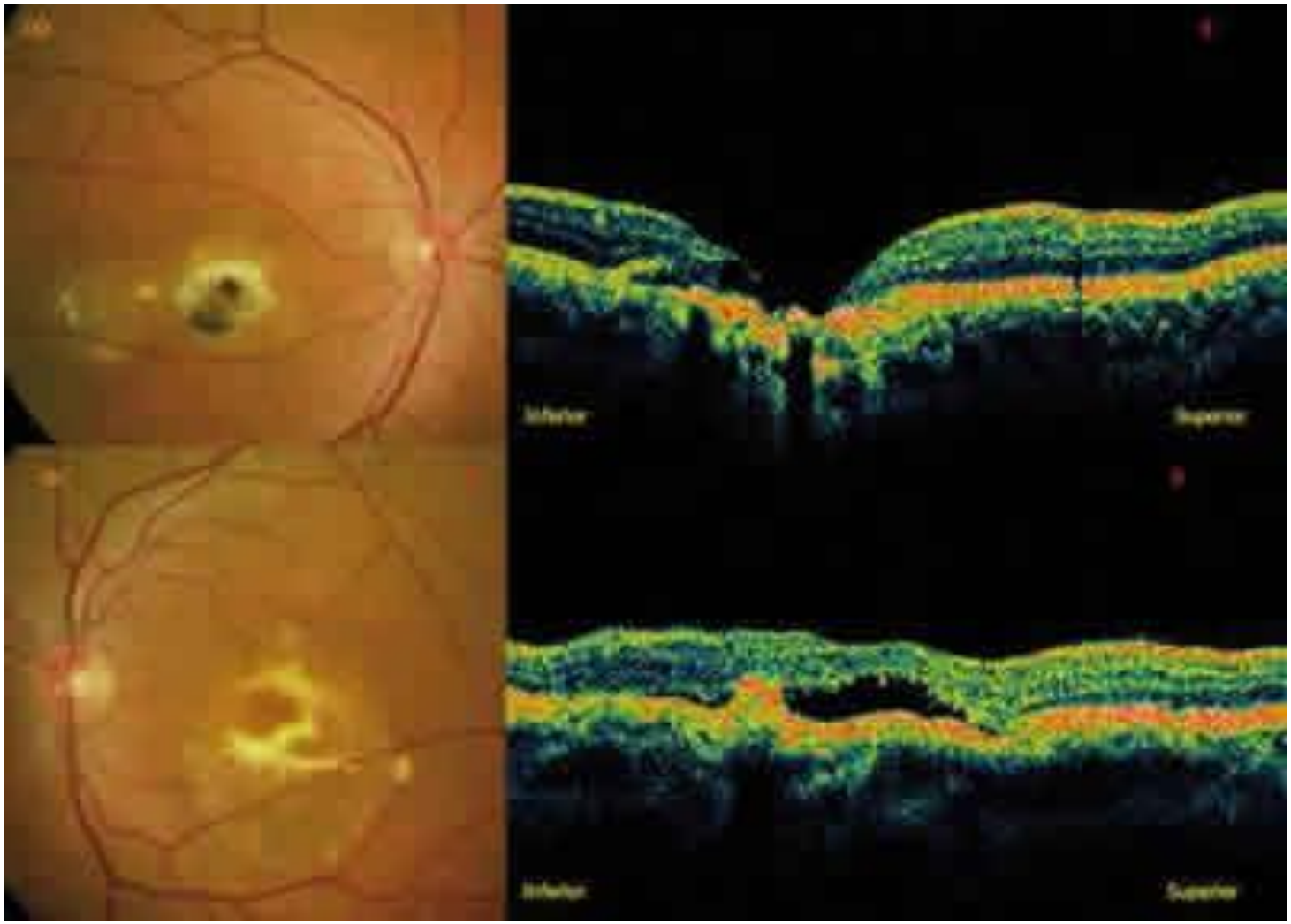
Cámaras Retínales:



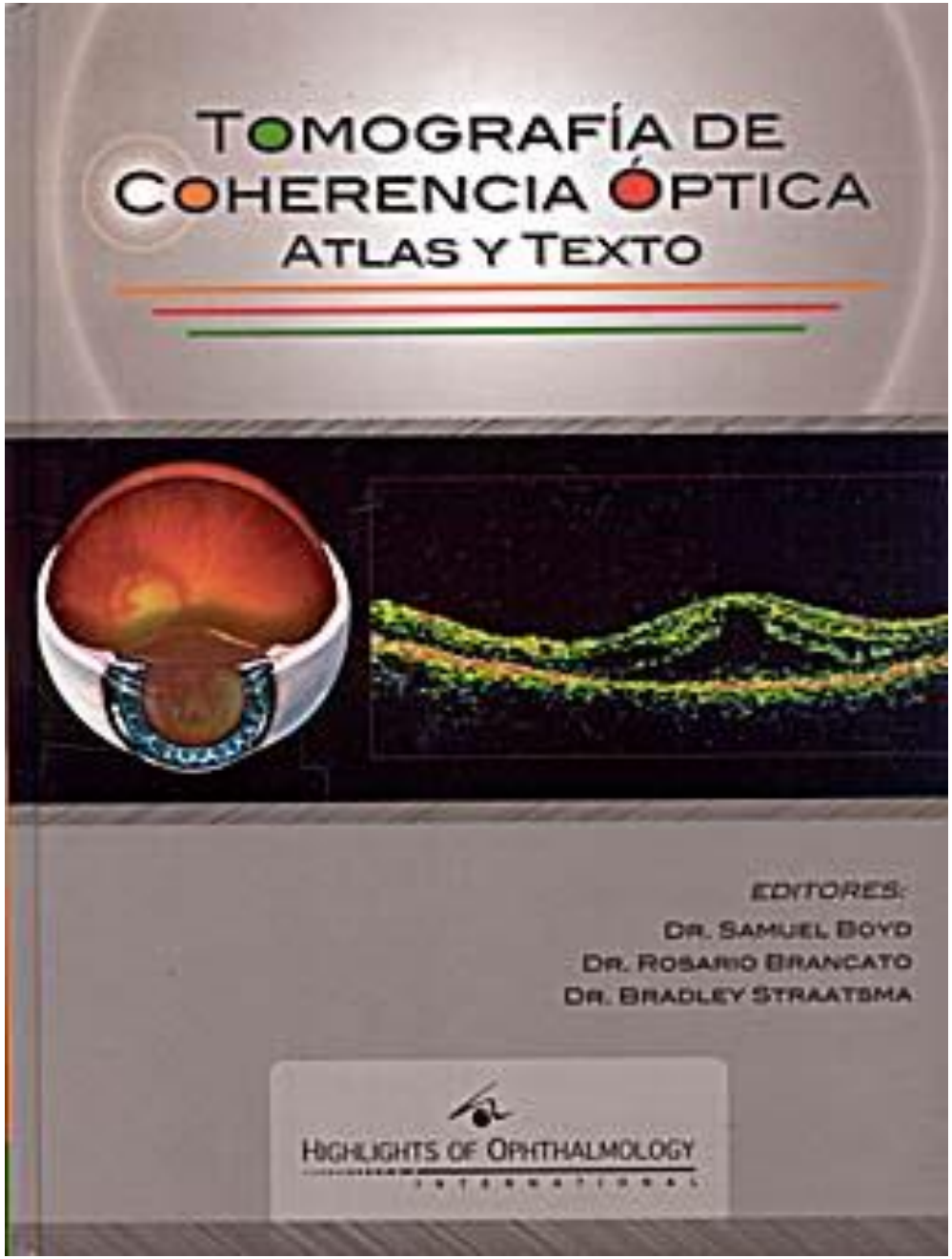
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OCT:



OCT:


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HIGHLIGHTS OF OPHTHALMOLOGY

The most important:

.A direct ophthalmoscopy gives us a solid basis for a successful clinical diagnosis.

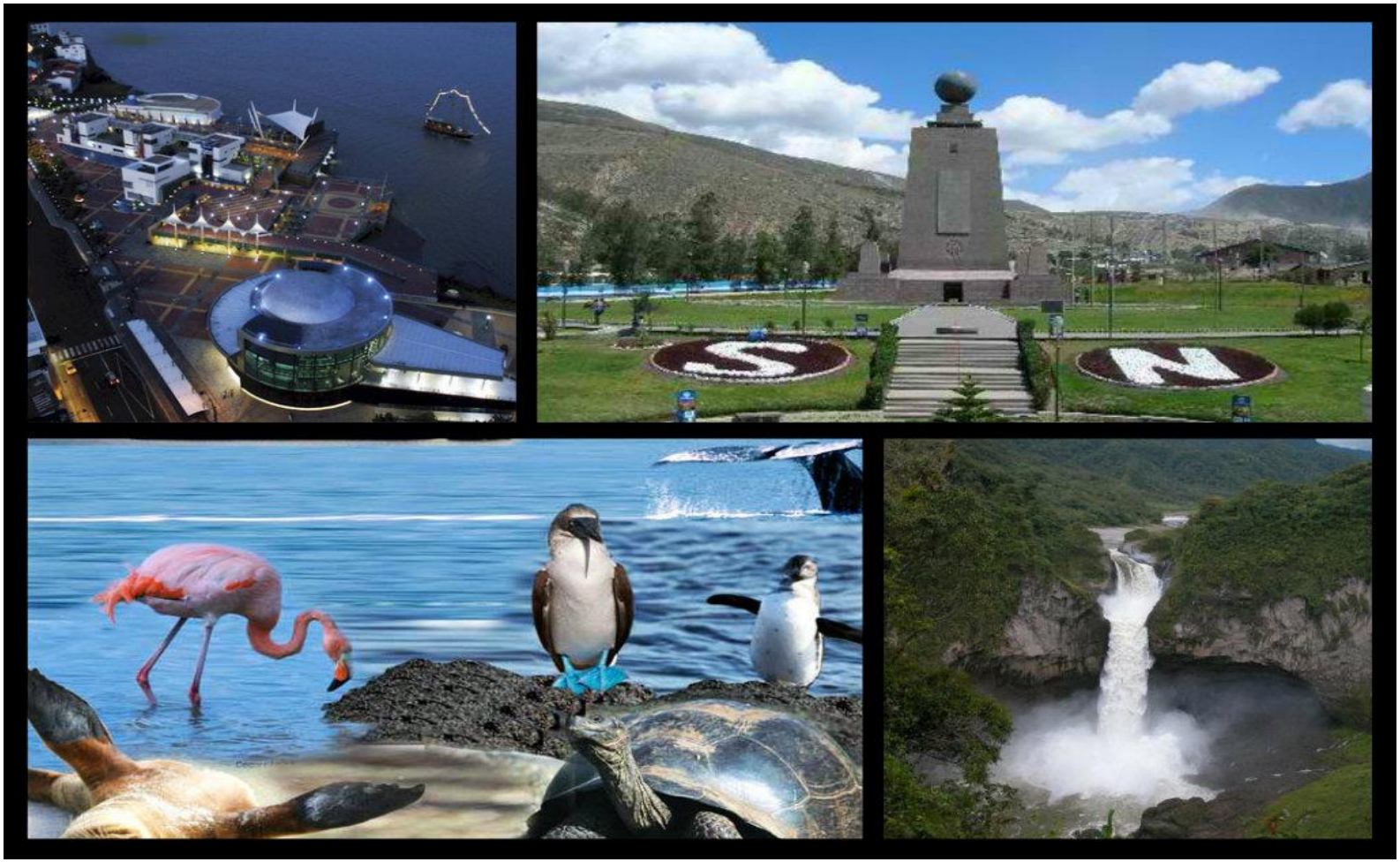
.Diagnosed the problem the most important is to recommend eye protection.

.oftalmologia refer the patient to be the case

.We can not keep letting the opportunity truly be the first barrier against blindness.

The retina is a very important part within our diagnosis unfortunately for a long time we have taken neglected.

Ecuador hope for you.



THANK YOU GERMANY **DR. DANIEL VALVERDE.**