

# Visual Examination Management

EurOK Pre-Meeting Workshop

Cluj, November 13<sup>th</sup> 2019

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## Clinical Procedures for visual examination

Wednesday Nov. 13th

- The importance of an appropriate Case history
- Refraction is only part of the comprehensive analysis of the visual system
- The entrance tests
- Phorometry
  - Retinoscopy at distance
  - Retinoscopy at near
  - Subjective refraction
  - Induced Horizontal and Vertical phorias:
    - Distance
    - Near
  - Fusional vergences
    - Distance
    - Near
  - AC/A
  - Subjective refraction at near
  - Amplitude of Accommodation
  - Positive and Negative relative Accommodation
  - Delayed Subjective technique
  - Cycloplegic exam
- Out of the phoropter on real space
  - Ocular motility
  - Phorias with prisms bar
  - Binocular vision evaluation
    - 1° Simultaneous Vision: vertical prism
    - 2° fusion:
      - Red filter
      - Worth 4Dot

- 3° stereopsis: Stereo test
  - Cover Test
  - Flipper with prisms
  - Flipper 2.00D
    - Binocular
    - Monocular
  - Flipper with prisms
    - 8BI/12BO
    - Biprism: 3BI/12BO
  - Near point of Convergence
  - Near point of accommodation
  - Reading Distance
  - Harmon distance
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## The Diagnosis of visual Dysfunctions

Thursday Nov. 14th

- Anomalies of the Accommodative system.
- Anomalies of the binocular vision
  - Low AC/A
  - High AC/A
- Anomalies of the oculomotor system
- How to quickly get to the Diagnosis
- Evaluation of visual analysis data to get the diagnosis:
  - Divergence Excess
  - Divergence Insufficiency
  - Basic EXO
  - Convergence Excess
  - Convergence Insufficiency
  - Basic ESO
  - Accommodative Insufficiency
  - Accommodative Excess
  - Accommodative infacility
  - Ocular Motility and Visuo-motor dysfunction
- The prescription
  - Important factors to consider in relationship with accommodative and binocular status

Pre-Meeting Nov13-14

Time Table	November 13th	Workshop
8.00-8.30		REGISTRATION
8.30- 9.00		
9.00-9.30		Topography
9.30-10.00		Randy Kojima
10.00-10.30		Mauro Frisani
10.30-11.00		
11.00-11.30		
11.30-12.00		
12.00-12.30	REGISTRATION	
12.30-13.00		LUNCH
13.00-13.30		
13.30-14.00		Slit Lamp
14.00-14.30	Basic Visual Examination	Mauro Frisani
14.30-15.00	Marino Formenti	
15.00-15.30	Cary Herzberg	
15.30-16.00		
16.00-16.30		Diagnosis & Treatment
16.30-17.00		Marino Formenti
17.00-17.30		
17.30-18.00		
18.00-18.30		