

## Preface

### Part I. GENERAL FEATURES

1. **OCULAR STROKE (OS)** – *as a new clinical entity*
  - 1.1. Definition of OS, relationship between OS & STROKE
  - 1.2. The clinical importance of OS: in the early diagnostics of Cerebrovascular Disorders.
  - 1.3. Significance of OS in the diagnosis and differential diagnosis of the etio-pathomechanism of the *cardiovascular disorders*.
  - 1.4. Why is necessary the earlier possible cardiovascular treatment in cases of OS?
2. **ANATOMICAL & PHYSIOLOGICAL facts**  
*in the etiopathomechanism of OS*
  - 2.1. Retina - optic nerve pathway  
*as a part of the sensory system*
  - 2.2. Brainstem - supranuclear pathway system  
*as a part of the motorial system*
3. **OS** – The view of the **CARDIOVASCULAR** etio-pathomechanism *by experts:*
  - 3.1. *Cardiologist*
  - 3.2. *Diabetologist*
  - 3.3. *Angiologist*
  - 3.4. *Lipidology / Hypertension – specialists*
4. Intracranial **Small Vessels Disease, SVD** – **OS** pathophysiology of:
  - 4.1. *Optic nerve – visual pathway system*
  - 4.2. *Eye Movement System*
5. The importance of the Clinical Signs of **Ocular Stroke** in the **Topographic Diagnostics**
6. **OS diagnostics**
  - 6.1. *Neuro-Ophthalmological diagnostic methods – algorithm*
  - 6.2. *Cardiovascular methods*
  - 6.3. *Neuroradiological differential diagnostic methods*
  - 6.4. *Laboratory toolbar – algorithm*
7. **Recommendations** for the **systemic treatments of OS**
  - 7.1. *Stroke – OS therapeutic principles*
  - 7.2. *Methodological recommendations*

### Part II. CLINICAL SYNDROMES

1. **RETINA / PAPILLA** Arterial - Ischemic Circulatory Disorders
  - *Retinal branch / trunk - embolism*
  - **Arterial – Ischemic diseases of the Papilla:**
    - Non- Arteritic - Anterior Ischemic Opticopathy (NA- AION)*
    - Arteritic - Anterior Ischemic Opticopathy (A- AION)*
    - Posterior - Ischemic Opticopathy (PION)*
2. **CHIASM**  
clinical signs of the Chiasmal ischemic circulatory disorders
3. **RETROCHIASM part of the Optic nerves**  
clinical signs of the ischemic circulatory disorders of the Retrochiasmal Optic Nerve
4. **VISUAL CORTEX** - Arterial - Ischemic Circulatory Disorders
5. **BRAINSTEM** Arterial Circulatory Disorders - double vision
  - 5.1. **Small Vessels Disorders**
  - 5.2. **Haemorrhage of Brainstem**
  - 5.3. **Developmental Vessels Anomaly in the Brainstem**
6. **INTRACEREBRAL VENOUS DISORDERS** - OS syndromes
  - 6.1. **Clinical signs of the papilla Circulatory Disorders (uni-/bilateral)**
  - 6.2. **Idiopathic Intracranial Hypertension with Papilledema (Normal Pressure Hydrocephalus, NPH) relationships with Intracerebral Venous Circulatory Disorders.**

### Part III. **OS – STROKE** : Patients Care System - **TEAM**