



The Diabetic Eye; **Teaching Course with International Faculty** **- Romanian Retina Society -**

Section A (9.00 – 11.00)

1. Opening remarks RRS President - Florian Baltă

2. Update on Diabetes Mellitus

(definition, basics of glucose metabolism, classification, clinical presentation, diagnosis and screening, management, the importance of glucose control, acute complications of diabetes, long-term complications of diabetes)

GUEST: endocrinologist/diabetologist - **Corin Badiu**

2A. Metabolic surgery for Type 2 Diabetes Mellitus Control – Influence on End Organ Damage

(the newest surgical approaches from general surgeons to control Diabetes)

GUEST: bariatric surgeon - **Cătalin Copăescu**

3. Ophthalmic considerations on Diabetes Mellitus/ ophthalmic involvements in DM - Horia Stanca

4. Diabetic Retinopathy – terminology, epidemiology, pathogenesis, classification – different types, disease progression

-4A) terminology, epidemiology, pathogenesis - **Vincent Reppucci**

-4B) classification, disease progression - **Hermann Schubert**

5. Diagnostic Approach to Diabetic Retinopathy

5A. Fluorescein Angiography (short general presentation of technique, specific indications – diagnosis and follow-up, particular cases, including wide-field FA) - **Mihnea Munteanu**

5B. Optical Coherence Tomography (short general presentation of technique, specific indications – diagnosis and follow-up, particular cases) - **Daniel Brănișteanu**

6. Nonproliferative Diabetic Retinopathy - (What is it? How can we manage it?) – tips and tricks about daily clinical practice - Vincent Reppucci

7. Diabetic Macular Edema (general presentation, definition, pathogenesis, diagnosis, therapeutical approach – indications and options) - Vincent Reppucci



7A. Is the treatment with sulodexide a solution in the diabetic retinopathy? - Adriana Stănilă

8. Laser Photocoagulation in DR (general presentation, principles of therapy, indications) - Horia Stanca

BREAK (11.00 – 11.30)

Section B (11.30 – 13.30)

9. Laser photocoagulation in NPDR and diabetic macular edema - (Clinical approach – practical aspects) - Vincent Reppucci

9A. - CLINICAL CASES with short discussions/comments presentations (3 cases) free papers OPEN SESSION

10. Intravitreal pharmacotherapy of Diabetic Macular Edema - Hermann Schubert

10 A. Safety of intravitreal injection - Christopher D. Riemann

10B. - CLINICAL CASES with short discussions/comments - presentations (3 cases) free papers OPEN SESSION

11. Surgical treatment of Diabetic Macular Edema (indications, techniques, specific approaches) Daniel Brănișteanu

11A. - CLINICAL CASES with short discussions/comments presentations (3 cases) free papers OPEN SESSION

12. Proliferative Diabetic Retinopathy (progression to PDR, diagnosis, management, follow-up) - Vincent Reppucci

13. Laser photocoagulation for PDR (How can we do it?) - Hermann Schubert

14. Intravitreal pharmacotherapy for PDR (When and how?) - Mihnea Munteanu

BREAK – LUNCH (13.30 – 15.00)



Section C (15.00-18.00)

15. Pars plana vitrectomy for PDR - Christopher D. Riemann

(general presentation, PDR complications with surgical indications, various techniques – schemes, drawings etc., specific approaches)

- 1) Advanced bimanual techniques for diabetic PPV
- 2) Fluidics, engineering, and physics based tips and tricks for safer more efficient (diabetic) PPV.
- 3) Surgical platform based considerations: Gauge, cutspeed, cutter design.

16. Rubeosis iridis – (What can be done?) - Daniel Brănișteanu

16A. - **CLINICAL CASES** with short discussions/comments - presentations (3 cases) free papers min **OPEN SESSION**

17. Cataract surgery in patients with diabetes (The influence of cataract surgery on macular edema/ clinical cases/ tips and tricks) **Călin Tătaru**

17A. "Combined phaco/PPV" is especially useful in diabetics - **Christopher D. Riemann**

18. Diabetic Retinopathy Cases Panel – Quiz – Clinical Cases (from the panel and audience) (and comments) free papers with panelist comments and questions from the audience **OPEN SESSION**

19. 3D Video presentation of vitrectomy for PDR - Florian Baltă

20. Closing remarks