Programme: **Tuesday 19 May**

09.05 - 10.35 PARALLEL SESSION

GLP-1 Receptor Agonists (GLP-1 RAs): Mechanisms, Systemic Benefits, and Ophthalmic Safety — What Every Ophthalmologist Should Know

The increasing use of GLP-1 receptor agonists (GLP -1RAs) in the management of type 2 diabetes and obesity has brought important implications for ophthalmic practice. While these agents provide significant systemic benefits, some recent observational studies have raised questions regarding their impact on diabetic retinopathy and other ocular conditions, with reported side effects. This 90-minute interactive session equips ophthalmologists with the knowledge and background regarding the use of GLP-1 RAs together with interactive discussion for proposed guidelines regarding the management of patients in clinical practice.

09.05 – 09.10 Introduction, aims and objectives of the course – Mr Maged Habib – Consultant Ophthalmologist and Vitreoretinal Surgeon. Sunderland Eye Infirmary. South Tyneside and Sunderland NHS Foundation Trust

09.10 – 09.30 GLP-1 RAs: Types, background and modes of actions. Indications in management of Diabetic patients, dosing and side effects. Overview of current practices. Pitfalls and challenges. – Mrs Kleopatra Alexiadou – Consultant in Endocrinologist and Diabetes. Imperial College Healthcare NHS Trust/ Imperial College London

09.30 – 09.45 GLP-1 RAs: Summary of Ocular mechanisms and effects on Diabetic Retinopathy and reported potential ocular complications and level of evidence. – Mr Michael Grinton – Consultant Ophthalmologist and Retina Specialist. Sunderland Eye Infirmary. South Tyneside and Sunderland NHS Foundation Trust.

09.45 – 10.00 GLP-1 RAs: Case studies from clinical practice, local pathways for care management; referral pathways and role of Diabetic eye screening and secondary care. Pitfalls and challenges. – Professor Tunde Peto – Professor of Clinical Ophthalmology. Queen ’ s University. Belfast

10.00 – 10.15 GLP-1 RAs: Anaesthetic side effects and risks for diabetic patients on GLP-1 RAs planned for ocular surgery: Interactions with Sedation / General Anaesthesia – Dr Quentin Smith – Consultant Ocular Anaesthetist. Sunderland Eye Infirmary. South Tyneside and Sunderland NHS Foundation Trust

10.15 – 10.35 Proposed practical clinic guidance: Referral pathways, screening, monitoring & communication: Interactive discussions – Mr Maged Habib