



EASDec 2012 ANNUAL MEETING

PROGRAMME

at the RDS, Dublin
on 25th - 27th May, 2012



European Association for the Study of Diabetes,
Eye Complications Group (EASDec)

Welcome

I would like to welcome all EASDec delegates to Dublin for this annual conference. It is a great honour for the Irish College of Ophthalmologists to facilitate this prestigious meeting.

The study of the complications of diabetes in the eye is particularly relevant in Ireland at this time because of the government proposal to roll out a diabetic screening programme.

The EASD meeting was held in Dublin in 1991, organised locally by Gerard Tomkin, but this is the first occasion that the eye group has met in Dublin. I would like to thank Prof John Nolan, now working in Denmark, who was instrumental in attracting the meeting to Dublin.

It was very enjoyable working with the EASDec committee; Anne Katrin Sjølie, Tunde Peto, Simon Harding and Massimo Porta. I would also like to thank Margaret Morgan and Louise O'Toole who were on the local organising committee.

With best wishes

Mark Cahill
Chair, Local Organising Committee

EASDec Council Members:

Anne Katrin Sjølie - President
Simon Harding
Tunde Peto
Massimo Porta

Sponsored by



25th May 2012: Friday

Satellite 1:

4.30 – 6.00 Grading for diabetic retinopathy workshop

Chaired by: **Steve Aldington**

7.15 Opening ceremony, RDS Members Club followed by refreshments

26th May 2012: Saturday

8.30 – 9.00: Registration

9.00 – Introduction and welcome Professor Ann Katrin Sjølie

Session 1: The European Diabetic Macular Oedema (DMO) Treatment Symposium

Chairs: Professors Massimo Porta and David Keegan

9.15 – 9.45: Professor Paul Dodson
What treatments are available? How are these utilised in the UK?

9.45 – 10.00: Dr David Keegan:
The Irish DMO Pathway

10.00 – 10.15: Professor Anne Katrin Sjølie:
The Danish National DMO Pathway

10.15 – 10.30: Professor Reiner Schlingermann:
The Dutch perspective

10.30 – 10.45: Professor Pascale Massin:
The French perspective

10.45 – 11.00: Panel discussion

11.00 – 11.30: Coffee/tea, exhibitions

Session 2: Pathophysiology of diabetic retinopathy

Chairs: Professors Alan Stitt and Einer Stefansson

- 11.30 – 11.45: Winner of the best abstract prize: Retinopathy precedes the development of left ventricular dysfunction.
An 8-year follow-up of the Hoorn Study.
I. Walraven, K. van den Hurk, E. van 't Riet, C. D. A. Stehouwer, G. Nijpels, B. C. P. Polak, J. M. Dekker
- 11.45 – 12.00: A possible role for angiotensin II in the regulation of glucose entry in human retinal pericytes.
E. Berrone, E. Beltramo, M. Porta
- 12.00 – 12.15: Damage induced by exposure to intermittent high glucose in human retinal pericytes: cytotoxicity or apoptosis?
E. Beltramo, E. Berrone, M. Lorenzi, M. Porta
- 12.20 – 12.35: Pro-apoptotic and survival signaling in the neuroretina at early stages of diabetic retinopathy.
R. Simó, A.M. Valverde, S. Miranda, M. Garcia-Ramírez, A. Gonzalez-Rodríguez, C. Hernández
- 12.30 – 1.00: Eva Kohner lecture: Professor Han Peter Hammes:
Diabetic retinopathy - lessons from preclinical models
- 1.00 – 2.00: *Introduced by Professor Einer Stefansson*
Lunch and Exhibition viewing

Session 3: Poster session

- 1.30 – 3.00: *Chairs: Professors Marie Hickey Dwyer and Simon Harding*
Black Africa Retinopathy due to diabete.
A. Diandomba, A. Eballe, E. Sobngwi, P. Bensaid
- A predictive index for retinopathy development using HbA1c values in younger onset type 1 diabetes.
A. Hirose, S. Kitano, Y. Uchigata
- Is there variability in Visual Acuity of Patients with diabetic maculopathy recorded in the digital diabetic retinopathy screening service compared to the Hospital Eye Service?
N. Bilkhu, H. Wharton, M. Clarke, A. Syed, P. Dodson
- Is diabetic retinopathy screening in the over 90's justifiable?
C.J. Clark, I. Rostom, A. Ashurst, W. Gatling, B.N. Matthews

- Health Related Quality of Life in Patients with Diabetic Retinopathy.
C. Tadros, N. Kontodimopoulos, E. Feretis, S. Kabanarou, T. Peto
- Poor Quality Images (PQI) Within A Screening Programme For Diabetic Retinopathy.
P. Douglas, C. Mallon, M. Purvis, J. Grattan, P. M. Hart
- The first screening test for diabetic retinopathy in diabetic type 1 and 2 patients using colour retinography in Poland.
E. Bandurska-Stankiewicz, W. Matuszewski, D. Wiatri-Bykowska, J. Pieczynski, A. Wroblewska, J. Rutkowska
- Combined Pancreas and Kidney Transplantation vs. Isolated Pancreas Transplantation - Is There a Different Effect on the Course of Diabetic Retinopathy?
R. Svancarova, T. Sosna, R. Koznarova, M. Netukova, F. Saudek, M. Adamec
- Optic Disc Haemorrhage Audit.
J. W. Miah, H.M. Wharton, P.M. Dodson, M. Clarke, J.M. Gibson
- Performance of the Appasamy Digital Fundus Camera ADF50 using 7-field stereo photography for diabetic retinopathy.
S. Pathai, M. Rajan, H. Weiss, L. D'Costa, A. Palaniraj, C. Gilbert, T. Peto
- Grading the Laser Treated Macula within a Screening Programme for Sight Threatening Diabetic Retinopathy (STDR).
M. Foster, S. Wright, F. Stirling, L. MacDuff, P.M. Hart
- Audit of Expedited Reports on patients deemed to require urgent referral from a Diabetic Retinopathy Screening Programme in a two year period.
S. E. Johnston, P. G. McElduff, C. A. McKenna, R. S. Robinson, H. I. Wilson, P. M. A. Hart
- Audit of referrals with suspected Glaucomatous Discs from a Diabetic Retinopathy Screening Programme (DRSP).
S.J. Wilson, C.A. McKenna, J. Moore, P.M. Hart.
- Retinal Thickness in Pregnant Women with Diabetes.
S. K. Golar, H. Wharton, M. Clarke, J.M. Gibson, P.M. Dodson
- Reproducibility of Retinal Thickening grading on stereo colour fundus and OCT images in Diabetic Retinopathy.
F. Picton, B. Hamill, T. Peto, K.A. Muldrew, M.J. Quinn

Macular Pigment Optical Density Measured by Heterochromatic Flicker Photometry in Diabetic and Nondiabetic Patients: A Comparative Study.

M.G. Ratzlaff, A. Murphy, K. O'Connor, C. O'Brien, J. Loughman, P. Connell

The influence of the anti-VEGF treatment on diabetic macular edema (DME) at patients with proliferative diabetic retinopathy (DR) (preliminary report).

U.E. Bautina, D.V. Lipatov, D.S. Atarshchikov, T.A. Chistyakov, A.G. Kuzmin, N.P. Goncharov, M.V. Shestakova

Identifying glaucoma suspects within a Diabetic Screening Programme.

M. Treacy, L. O'Toole, Connell, P. A. Murphy, K. O Sullivan, Y. Delaney, C. O'Brien

Referrals from a Diabetic Retinopathy Screening Programme(DRSP) for Suspected Treatable Choroidal Neovascular Membrane(CNVM).

S.M.G. Beare, S.J. Wilson, P.M. Hart

Diabetic retinopathy among diabetic patients in Nuuk, Greenland.

L. Falck, M. B. Viese, N. Larsen

Concordance of diabetic retinopathy grading amongst graders of NetwORC UK.

Tunde Peto on behalf of NetwORC UK.

Evaluation of a Community Based Diabetic Retinopathy Screening Initiative.

S. Doherty, D. Quinlan, S. Mc Hugh, I. Perry, G. O'Keefe, M. James, E. Keane

Diabetic Retinopathy Screening using manual and automated 3 Step Grading of Fundus Photographs with supplementary OCT in an OPDR setting.

F. Ibrahim, S. O'Connor, A. McNabb, A. Dunne, H. Nolan, M.T. Cahill

The prevalence of diabetic retinopathy in newly referred diabetics: The experience of a hospital-based screening program.

S. Ní Dhubhghaill, M. O'Rourke, N. Collins, S. Murphy, F. Hayes, N. Horgan

Coffee to be served

2.45 – 3.00:

Session 4: Diabetic retinopathy screening intervals – what do we know and what information do we need?

Chairs: Professors Elizabeth Agardh and Anne Katrin Sjolie

3.00 – 3.15: Is twelve years old an acceptable age at which to begin Diabetic Retinopathy Screening?

A. Hamid, H.M. Wharton, A. Mills, J.M. Gibson, M. Clarke, P.M. Dodson

3.15 – 3.30: Extending screening intervals in a photographic screening program for diabetic retinopathy.

J.J. Smith

3.30 – 3.45: Clinical characteristics of patients with type 2 diabetes should be considered to modulate screening intervals for retinopathy.

M. Porta, M. Trento, E. Sitia, S. Albani, E. Lamarmora, P. Dalmaso, F. Cavallo

3.45 – 4.00: Individualized screening of diabetic retinopathy decreases cost for government and society: An economic evaluation.

H.D.J. Jonsdottir, Ó.P. Pálsson, P.M. Matthiasson, E.S. Stefánsson

4.00 – 4.20: **Chairmen's remarks and summary**

4.25 – 5.00: **Annual General Meeting**

Gala Dinner: 7.30 for 8.00 at the RDS

Session 5: Clinical trials and factors contributing to progression of diabetic retinopathy

Chairs: Pascale Massin and Mark Cahill

9.00 – 9.15: Effects of fenofibric acid on diabetic macular edema measured by optical coherence tomography.

P. Massin, T. Peto, K. Le-Malicot, J. C. Ansquer

9.15 – 9.30: Long-term safety and efficacy outcome of ranibizumab 0.5 mg in patients with visual impairment due to diabetic macular edema: the RESTORE extension study.

C. Bailey

- 9.30 – 9.45: Sustained Low-Dose Treatment With Fluocinolone Acetonide (FAc) Is Effective for Treating Chronic Diabetic Macular Oedema (DMO).
A. Cole and C. Bailey
- 9.45 – 10.00: Primary care achievement of HbA1c targets is related to risk of diabetic retinopathy in patients with no retinopathy at baseline.
D.C. Jenkin, S. Corcoran, M. Ashworth, G. Stewart
- 10.00 – 10.30: Invited lecture: Alan Stitt - Potential for regenerating the retinal vasculature during early-stage diabetic retinopathy
Introduced by Professor Pascale Massin
- 10.30 – 11.00: Coffee break

Session 6: Screening for complication and other retinal diseases

Chairs: Professor Rafael Simo and Paul Connell

- 11.00 – 11.15: Risk factors for blindness in young patients with type 1 diabetes.
M.L. Rasmussen, R.B. Pedersen, U. Frydkjær-Olsen, J. Grauslund, A.K. Sjølie
- 11.15 – 11.30: Two years of the on-line QA/Test and Training in the English NHS Diabetic Eye Screening Programme.
S.J. Aldington, I.M. Stratton, P.H. Scanlon
- 11.30 – 11.45: Hollenhorst Plaques in Diabetic Retinopathy Screening.
A. Farnsworth, A. Wright, P. Dodson
- 11.45 – 12.00: Diabetes mellitus is not associated with age-related macular degeneration: the Tromsø eye study.
M.G. Erke, G. Bertelsen, T. Peto, A.K. Sjølie, H. Lindekleiv, I. Njølstad
- 12.00 – 12.15: What is the prevalence of diabetic macular oedema involving the centre of the macula in patients undergoing digital diabetic retinopathy screening?
T. Kebede, H. Wharton, S. Barbaccia, B. Dass, S. Osei-Amoako, J.M. Gibson, P.M. Dodson
- 12.15: **Best poster prize ceremony: handed out by Tunde Peto**
- 12.30: **Closing remarks by Professor Massimo Porta**