

Paw - notes.

CAMBRIDGE

OPHTHALMOLOGICAL

SYMPOSIUM

Ninth Cambridge Ophthalmological Symposium

AMBLYOPIA

10 & 11 SEPTEMBER 1979

Chairman: Professor Gunter K. von Noorden

SUNDAY, 9th SEPTEMBER

6.30 p.m. Sherry Reception in School of Pythagoras

All lectures will take place in the School of Pythagoras, St. John's College.

MONDAY, 10th SEPTEMBER

9.00 a.m. Introduction

P. Watson, Cambridge

9.05 a.m. Normal and abnormal organisation in visual pathways

R. W. Guillery, Chicago

9.20 a.m. Discussion

S. M. Sherman, Charlottesville

9.30 a.m. The development of the geniculo-striate pathways

Charlotteville

9.45 a.m. Discussion

D. Y. Teller, Seattle

9.55 a.m. The development of vision in primates

10.10 a.m. Discussion

J. Atkinson and O. Braddick, Cambridge

10.20 a.m. The measurement of visual function in infants and small children

10.35 a.m. Discussion

L. Maffei, Pisa

10.45 a.m. The possible role of proprioceptive feedback in visual development

11.00 a.m. Discussion

H. Ikeda, London

11.10 a.m. COFFEE

11.45 a.m. Is amblyopia a peripheral defect?

R. C. Van Sluyters, Berkeley

12.00 p.m. Discussion

12.10 p.m. Experimental strabismus in the kitten

C. Blakemore, Cambridge

12.25 p.m. Discussion

12.35 p.m. Experimental amblyopia in kittens and primates

12.50 p.m. Discussion

M. L. J. Crawford, Houston

1.00 p.m. LUNCH

2.30 p.m. Visual deprivation in primates

G. K. von Noorden, Houston

2.45 p.m. Discussion

2.55 p.m. The sensitive period

D. Whitteridge and R. V. Ramachandran, Oxford

3.10 p.m. Discussion

3.20 p.m. The reversal of deprivation amblyopia in lambs

3.35 p.m. Discussion

3.45 p.m. TEA

Continued

School of Pythagoras

St. John's College, Cambridge

10 & 11 September 1979

4.15 p.m. Behavioural studies in the reversal of deprivation induced during the critical period D. E. Mitchell, Melbourne
 4.30 p.m. Discussion
 4.40 p.m. Central changes observed in anisometric and deprivation amblyopia G. Arden, London
 4.55 p.m. Discussion

7.30 p.m. SPECIAL DINNER IN ST. JOHN'S COLLEGE HALL -- Dinner-Jacket

Music in the School of Pythagoras
 The Dinner will be followed by chamber music provided by the augmented New Cambridge String Quartet, playing quintets by Mozart and Mendelssohn. The venue will be the School of Pythagoras.

TUESDAY, 11th SEPTEMBER

9.00 a.m. Confusion, diplopia and suppression P. Fells, London
 9.15 a.m. Discussion
 9.25 a.m. Contrast sensitivity and visual acuity in amblyopia R. Hess, Cambridge
 9.40 a.m. Discussion
 9.50 a.m. Sensory and sensory-motor abnormality in amblyopia E. C. Campos, New Orleans
 10.05 a.m. Discussion
 10.15 a.m. Stereo acuity assessment in amblyopia R. D. Reinecke, Albany
 10.30 a.m. Discussion
 10.40 a.m. Abnormal eye movements in amblyopia M. A. Quere, Nantes
 10.55 a.m. Discussion
 11.05 a.m. COFFEE
 11.35 a.m. Regular function in amblyopia compared to other pathological states S. G. Jacobson, Boston
 11.50 a.m. Discussion
 12.00 p.m. Amblyopia in congenital glaucoma C. Cloherty and N. S. C. Rice, London
 12.15 p.m. Discussion
 12.25 p.m. Does amblyopia following childhood cataract resemble animal models? Vaegh and D. Taylor London/Cambridge
 12.40 p.m. Discussion
 12.50 p.m. LUNCH
 2.15 p.m. The effect of occlusion on some visual functions J. M. Enoch, Gainesville
 2.30 p.m. Discussion
 2.40 p.m. The development of strabismic amblyopia R. Held, Boston
 2.55 p.m. Discussion
 3.05 p.m. Observations in patients with occlusion amblyopia and the results of its treatment S. Awara, Nagoya
 3.20 p.m. Discussion
 3.30 p.m. TEA
 4.00 p.m. The effect of rotating gratings in amblyopia F. W. Campbell, Cambridge
 4.15 p.m. Discussion
 4.25 p.m. The current state of therapy for amblyopia H. M. Eggers, New York
 4.40 p.m. Discussion
 4.50 - SUMMING UP G. K. von Noorden
 5.10 p.m.

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 9.05 a.m. ~~Normal~~ and abnormal organisation in visual pathways R. W. Guillery, Chicago
 9.20 a.m. Discussion *of the development of the geniculocortical pathways in normal and amblyopic vision* S. M. Sherman, Charlottesville - *Paper X*
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 12.10 p.m. Experimental strabismus in the kitten *Affected visual pathways reduce cortical bandwidths in V1 areas* G. K. von Noorden, Houston *Paper X*
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 12.35 p.m. Experimental amblyopia in kittens and primates
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 1.00 p.m. LUNCH
 2.30 p.m. *Visual deprivation in primates* *Cortical eye* D. Whitteridge and V. Ramachandran, Oxford
 2.45 p.m. Discussion *Concomitant strabismus & Cortical eye deprivation in young Macaca Rhesus monkeys*
 2.55 p.m. The sensitive period
 3.10 p.m. Discussion
 3.20 p.m. The reversal of deprivation amblyopia in lambs
 3.35 p.m. Discussion
 3.45 p.m. TEA~~