

TRANSACTIONS  
OF THE  
OPHTHALMOLOGICAL  
SOCIETIES OF THE  
UNITED  
KINGDOM  
VOL. LXXXV

1966

**TRANSACTIONS**  
OF THE  
**OPHTHALMOLOGICAL SOCIETIES**  
OF THE UNITED KINGDOM

**THE OPHTHALMOLOGICAL SOCIETY OF THE**  
**UNITED KINGDOM**

WITH WHICH ARE AFFILIATED THE

OXFORD OPHTHALMOLOGICAL CONGRESS  
MIDLAND OPHTHALMOLOGICAL SOCIETY  
NORTH OF ENGLAND OPHTHALMOLOGICAL SOCIETY  
SOUTH-WESTERN OPHTHALMOLOGICAL SOCIETY  
SOUTHERN OPHTHALMOLOGICAL SOCIETY  
SCOTTISH OPHTHALMOLOGICAL CLUB  
IRISH OPHTHALMOLOGICAL SOCIETY  
OPHTHALMOLOGICAL SOCIETY OF SOUTH AFRICA  
ALL INDIA OPHTHALMOLOGICAL SOCIETY  
THE OPHTHALMOLOGICAL SOCIETY OF AUSTRALIA  
CANADIAN OPHTHALMOLOGICAL SOCIETY  
OPHTHALMOLOGICAL SOCIETY OF NEW ZEALAND

**VOL. LXXXVI**

SESSION 1966

WITH

LIST OF OFFICERS, MEMBERS, ETC.

LONDON

**J. & A. CHURCHILL, LTD.**

104 GLOUCESTER PLACE  
PORTMAN SQUARE

1967



## NOTICE

THE present volume comprises the proceedings of the Ophthalmological Society of the United Kingdom during its Eighty-sixth Session, April, 1966, together with the reports of the proceedings of the Affiliated Societies, 1965-66.

The Society does not hold itself responsible for the statements, reasonings, or opinions expressed in the communications which the Council has deemed suitable for publication.

## LIST OF EXCHANGES

Abstracts of Bulgarian Scientific Literature—Biology and Medicine.  
Acta Ophthalmologica.  
Acta Societatis Ophthalmologicae Japonicae.  
American Journal of Ophthalmology.  
Annales d'Oculistique.  
Annali di Ottalmologia e Clinica Oculistica.  
Annual Report of Memorial Ophthalmic Laboratory.  
Archives d'Ophtalmologie.  
Archives of Ophthalmology.  
Archivio di Ottalmologia.  
Archivos de la Asociacion para evitar la Ceguera en Mexico.  
Atti dell Societa d'Oftalmologica Lombarda.  
Bericht der deutschen Ophthalmologischen Gesellschaft.  
Boletim da Sociedade Portuguesa de Oftalmologia.  
Bollettino d'Oculistica.  
British Journal of Industrial Medicine.  
British Journal of Ophthalmology.  
Bulletin of the New York Academy of Medicine.  
Bulletin der Schweizerischen Akademie der Medizinischen Wissenschaften.  
Bulletin of the Ophthalmological Society of Egypt.  
Bulletin de la Société Belge d'Ophtalmologie.  
Bulletin des Sociétés d'Ophtalmologie de France.  
Current List of Medical Literature.  
Excerpta Medica (Section XII).  
Journal of Neurology, Neurosurgery and Psychiatry.  
Journal d'Ophtalmie Sociale.  
Klinika Oczna.  
Klinische Monatsblätter für Augenheilkunde.  
Medical Abstracting Journal (Part II).  
Ophthalmic Literature.

Ophthalmologia Ibero-Americana.  
Ophthalmologica.  
Oto-Nõro-Oftalmoloji.  
Proceedings of the All-India Ophthalmological Society.  
Rapports du Congrès de la Société Française d'Ophthalmologie.  
Rassegna Italiana d'Ottalmologia.  
Revista Brasileira de Oftalmologia.  
Revista Oto-Neuro-Oftalmológica y de Cirugía Neurologica.  
Revue International de Trachome.  
Rivista Oto-Neuro-Oftalmologica.  
Saggi di Oftalmologia.  
Science Abstracts of China.  
Survey of Ophthalmology.  
Tohoku Journal of Experimental Medicine.  
Transactions of the American Medical Association (Section of Ophthalmology).  
Transactions of the American Academy of Ophthalmology and Otolaryngology.  
Transactions of the American Ophthalmological Society.  
Transactions of the Canadian Ophthalmological Society.  
Transactions of the Ophthalmological Society of Australia.  
Transactions of the Ophthalmological Society of New Zealand.  
Transactions of the Ophthalmological Society of South Africa.  
Transactions and Studies of the College of Physicians.  
Vestnik Oftalmologii.  
Year Book of Ophthalmology.  
Zentralblatt für die gesamte Ophthalmologie.

These exchange volumes (from 1949) are available for Members' use at the Institute of Ophthalmology, Judd Street, London, W.C.1, on application to the Institute Librarian.

All communications to the Society should be addressed as follows :

Ophthalmological Society of the United Kingdom,  
At The Royal College of Surgeons,  
Lincoln's Inn Fields,  
London, W.C.2.

OFFICERS AND COUNCIL  
OF THE  
**Ophthalmological Society of the United Kingdom**

ELECTED AT  
THE ANNUAL GENERAL MEETING, APRIL 15, 1966

**President.**

SIR TUDOR THOMAS, M.D., M.S., F.R.C.S.

**Past Presidents.**

M. H. WHITING, *O.B.E.*, M.B., F.R.C.S.

O. GAYER MORGAN, M.Ch., F.R.C.S.

J. J. HEALY, M.B.

FRANK W. LAW, M.D., F.R.C.S.

SIR STEWART DUKE-ELDER, *G.C.V.O.*, M.D., F.R.C.P., F.R.C.S.,  
F.R.S.

**Vice-Presidents.**

C. DEE SHAPLAND, M.R.C.P., F.R.C.S.

NORMAN ASHTON, D.Sc., M.R.C.P.

P. JAMESON EVANS, M.D., F.R.C.S.

ARTHUR LISTER, F.R.C.S.

**Treasurer.**

FRANK W. LAW, M.D., F.R.C.S.

**Council.**

D. P. GREAVES, F.R.C.S.

DERMOT PIERSE, M.Ch.

R. A. BURN, F.R.C.S.

S. J. H. MILLER, M.D., F.R.C.S.

I. M. DUGUID, M.D., F.R.C.S.

M. J. ROPER-HALL, F.R.C.S.

**Librarian.**

DEREK AINSLIE, M.D., F.R.C.S.

**Editor.**

P. D. TREVOR-ROPER, M.D., F.R.C.S.

*Representatives of the following Affiliated Societies (Ex Officio):*

THE OXFORD OPHTHALMOLOGICAL CONGRESS—I. C. FRASER, F.R.C.S.E.

THE MIDLAND OPHTHALMOLOGICAL SOCIETY—C. TAYLOR, F.R.C.S.

THE NORTH OF ENGLAND OPHTHALMOLOGICAL SOCIETY—J. L. WILKIE,  
F.R.C.S.E.

THE IRISH OPHTHALMOLOGICAL SOCIETY—L. WERNER, M.B.

THE SCOTTISH OPHTHALMOLOGICAL CLUB—G. I. SCOTT, P.R.C.S.E.

THE SOUTH-WESTERN OPHTHALMOLOGICAL SOCIETY—R. W. STEPHENSON,  
M.R.C.S.

THE SOUTHERN OPHTHALMOLOGICAL SOCIETY—S. S. FREEDMAN, M.B.

ALL INDIA OPHTHALMOLOGICAL SOCIETY—H. D. DASTOOR, M.B.

THE OPHTHALMOLOGICAL SOCIETY OF AUSTRALIA—R. HERTZBERG, M.B.,  
F.R.A.C.S.

CANADIAN OPHTHALMOLOGICAL SOCIETY—A. J. ELLIOT, M.D.,  
F.R.C.S.(C.).

OPHTHALMOLOGICAL SOCIETY OF NEW ZEALAND—JOHN PARR, F.R.C.S.

OPHTHALMOLOGICAL SOCIETY OF SOUTH AFRICA—J. G. LOUW, M.B.

**Secretaries.**

J. H. DOBREE, M.S., F.R.C.S. (Council Business, List of Members, etc.)

J. WINSTANLEY, F.R.C.S. (Congress Business, Transactions, etc.)

## PRESIDENTS OF THE SOCIETY

(From its formation)

### Elected

- 1880 SIR WILLIAM BOWMAN, BART.,  
LL.D., F.R.S.  
1883 SIR JONATHAN HUTCHINSON,  
F.R.S.  
1886 JOHN WHITAKER HULKE, F.R.S.  
1889 JOHN HUGHLINGS JACKSON, M.D.,  
LL.D., F.R.S.  
1890 HENRY POWER.  
1893 D. ARGYLL ROBERTSON, M.D.  
1895 EDWARD NETTLESHIP, F.R.S.  
1897 SIR HENRY R. SWANZY.  
1899 SIR ANDERSON CRITCHETT, BART.,  
K.C.V.O.  
1901 DAVID LITTLE, M.D.  
1903 SIR JOHN TWEEDY, LL.D.  
1905 PRIESTLEY SMITH, LL.D., M.Sc.,  
M.B.  
1907 MARCUS GUNN.  
1909 SIR GEORGE BERRY, LL.D., M.B.  
1911 J. B. LAW FORD, LL.D., M.D.  
1913 F. RICHARDSON CROSS, LL.D., M.B.  
1915 W. H. H. JESSOP.  
1917 E. TREACHER COLLINS.  
1918 J. B. STORY, M.B.  
1920 J. HERBERT FISHER, M.B.  
1922 A. MATTLAND RAMSAY, LL.D., M.D.  
1924 E. TREACHER COLLINS.  
1925 SIR JOHN PARSONS, C.B.E., F.R.S.  
1927 C. H. USHER, M.B.

### Elected

- 1929 LESLIE PATON, M.A., M.B.  
1931 A. H. H. SINCLAIR, M.D.  
1933 M. S. MAYOU.  
1934 R. FOSTER MOORE, O.B.E.  
1936 SIR GORDON HOLMES, C.M.G.,  
C.B.E., M.D., F.R.S.  
1938 T. HARRISON BUTLER, D.M.  
1940 R. AFFLECK GREEVES, M.B.  
1942 PERCIVAL J. HAY, M.D.  
1943 H. M. TRAQUAIR, M.D.  
1944 CHARLES B. GOULDEN, O.B.E.,  
M.D., M.Ch.  
1946 A. J. BALLANTYNE, LL.D., M.D.,  
F.R.F.P.S.G.  
1948 F. A. JULER, C.V.O., M.B., F.R.C.S.  
1950 M. H. WHITING, O.B.E., M.B.,  
F.R.C.S.  
1952 A. MACRAE, M.D.  
1954 O. GAYER MORGAN, M.Ch., F.R.C.S.  
1956 J. J. HEALY, M.B.  
1958 R. C. DAVENPORT, M.B., F.R.C.S.  
1960 FRANK W. LAW, M.D., F.R.C.S.  
1962 L. B. SOMERVILLE-LARGE, M.B.  
1964 SIR STEWART DUKE-ELDER,  
G.C.V.O., M.D., F.R.C.P., F.R.C.S.,  
F.R.S.  
1966 SIR TUDOR THOMAS, M.D., M.S.,  
F.R.C.S.

## TRUSTEES FOR THE SOCIETY

E. F. KING.

| H. E. HOBBS.

## TRUSTEES OF THE NETTLESHIP PRIZE FUND

E. F. KING.

| H. E. HOBBS.

## TRUSTEES OF THE TREACHER COLLINS PRIZE FUND

E. F. KING.

| H. E. HOBBS.

## BOWMAN LECTURERS

### Elected

- 1884 SIR JONATHAN HUTCHINSON,  
F.R.S.  
1885 J. HUGHLINGS JACKSON, M.D.,  
LL.D., F.R.S.  
1886 PROF. ZEHENDER (Rostock).  
1887 HENRY POWER.  
1888 SIR HENRY R. SWANZY.  
1889 PROF. HANSEN GRUT (Copenhagen).  
1890 J. W. HULKE, F.R.S.  
1892 PROF. LEBER (Heidelberg).  
1893 T. PRIDGIN TEALE, F.R.S.  
1895 SIR W. R. GOWERS, M.D., F.R.S.  
1896 PROF. SNELLEN (Utrecht).  
1898 PRIESTLEY SMITH, LL.D., M.Sc.,  
M.B.  
1900 R. MARCUS GUNN.  
1902 PROF. E. FUCHS (Vienna).  
1904 SIR F. W. MOTT, K.B.E., M.D., F.R.S.  
1907 PROF. SATTLER (Leipzig).  
1909 EDWARD NETTLESHIP, F.R.S.  
1911 E. LANDOLT, M.D. (Paris).  
1914 PROF. W. UHTHOFF (Breslau).  
1917 SIR GEORGE BERRY, M.B., LL.D.  
1919 DR. V. MORAX (Paris).  
1921 E. TREACHER COLLINS.  
1923 DR. G. E. DE SCHWEINITZ (Phila-  
delphia).  
1925 SIR JOHN PARSONS, C.B.E., F.R.S.  
1928 SIR GRAFTON ELLIOT SMITH  
(London).  
1930 SIR ARTHUR KEITH, M.D., F.R.S.  
(London).

### Elected

- 1932 PROF. J. VAN DER HOEVE  
(Leiden).  
1935 C. H. USHER, M.D.  
1939 PROF. H. J. M. WEVE, M.D.  
(Utrecht).  
1946 DR. ARNOLD KNAPP, M.D. (New  
York).  
1948 PROF. MARC AMSLER, M.D.  
(Zurich).  
1951 SIR HERNY DALE, O.M., G.B.E.,  
M.D., F.R.S. (London).  
1953 PROF. SIR GEOFFREY JEFFER-  
SON, C.B.E., M.S., F.R.C.S.,  
F.R.S. (Manchester).  
1955 DR. JOHN H. DUNNINGTON, M.D.  
(New York).  
1957 SIR STEWART DUKE-ELDER,  
G.C.V.O., M.D., F.R.C.S., F.R.S.  
(London).  
1959 PROF. LOUIS PAUFIQUE, M.D.  
(Lyons).  
1961 IDA MANN, C.B.E., F.R.C.S. (Perth,  
Australia).  
1962 LORD BRAIN, D.M., F.R.C.P.,  
F.R.C.S. (London).  
1964 LORD COHEN OF BIRKENHEAD,  
M.D. LL.D., F.R.C.P.  
1965 PROF. NORMAN ASHTON, D.Sc.,  
M.R.C.P.

### EDWARD NETTLESHIP PRIZE

#### Elected

1904 PRIESTLEY SMITH, LL.D., M.Sc.,  
M.B.  
1907 SIR JOHN PARSONS, C.B.E., F.R.S.  
1909 EDWARD NETTLESHIP, F.R.S.  
1912 GEORGE COATS, M.D.  
1915 E. TREACHER COLLINS.  
1918 SIR GORDON HOLMES, C.M.G.,  
C.B.E., M.D., F.R.S.  
1921 H. M. TRAQUAIR, M.D.  
1924 S. E. WHITNALL, M.D.  
1927 C. H. USHER, M.D.  
1930 IDA MANN, D.Sc.

#### Elected

1933 SIR W. STEWART DUKE-ELDER,  
G.C.V.O., M.D.  
1936 H. B. STALLARD, M.B.E., M.D.,  
LL.D.  
1940 DOROTHY CAMPBELL, M.D.  
1950 A. J. BALLANTYNE, LL.D., M.D.  
1954 NORMAN ASHTON, M.R.C.P.  
1959 T. KETH LYLE, C.B.E., M.D.,  
M.Ch., F.R.C.P., F.R.C.S.  
1963 FREDERICK RIDLEY, F.R.C.S.  
1966 BARRIE R. JONES, F.R.C.S.

### TREACHER COLLINS PRIZE

1939 T. HEWITSON BROWN.  
1948 H. S. STANNUS, M.D., F.R.C.P.  
1951 KENNETH C. WYBAR, F.R.C.S.

1954 ROBERT LEISHMAN, M.D.  
1957 W. H. SUMMERSKILL, M.B.  
1960 W. A. MANSCHOT, M.D.

\*\*\* Members are requested to communicate with the Council's Secretary when corrections are necessary

## LIST OF MEMBERS OF THE SOCIETY

### HONORARY MEMBERS

PROFESSOR MARC AMSLER, M.D., La Colline, Sierre (Valais), Switzerland.

THE RIGHT HON. LORD COHEN OF BIRKENHEAD, M.D., D.Sc., LL.D., F.R.C.P., 31 Rodney Street, Liverpool. 1.

JOHN H. DUNNINGTON, M.D., 1 East 71st Street, New York, U.S.A.

PROFESSOR DERRICK VAIL, M.D., F.R.C.S., Northwestern University, Chicago 11, Illinois, U.S.A.

---

### EXPLANATION OF ABBREVIATIONS

Pres.—President.

V.-P.—Vice-President.

E.—Editor of Transactions.

T.—Treasurer.

Lib.—Librarian.

\*—Denotes Resident Life Members.

†—Denotes Non-Resident Life

S.—Secretary. [Members.

C.—Member of Council.

*Ex off. C.*—*Ex officio* Member of Council.

TABLE OF CONTENTS  
OF VOLUME LXXXVI



ANNUAL CONGRESS .. .. .	1
ANNUAL GENERAL MEETING .. .. .	345
REPORT OF COUNCIL FOR 1965-66 .. .. .	351
HON. TREASURER'S REPORT .. .. .	353
OXFORD OPHTHALMOLOGICAL CONGRESS, 1966 .. .. .	361
MIDLAND OPHTHALMOLOGICAL SOCIETY, 1965-66 .. .. .	701
NORTH OF ENGLAND OPHTHALMOLOGICAL SOCIETY, 1965-66 .. .. .	735
SOUTH-WESTERN OPHTHALMOLOGICAL SOCIETY, 1965-66 .. .. .	765
SOUTHERN OPHTHALMOLOGICAL SOCIETY, 1966 .. .. .	787
SCOTTISH OPHTHALMOLOGICAL CLUB, 1965-66 .. .. .	791
IRISH OPHTHALMOLOGICAL SOCIETY, 1965-66 .. .. .	803
OPHTHALMOLOGICAL SOCIETY OF SOUTH AFRICA .. .. .	851
ALL INDIA OPHTHALMOLOGICAL SOCIETY .. .. .	853
THE OPHTHALMOLOGICAL SOCIETY OF AUSTRALIA .. .. .	855
CANADIAN OPHTHALMOLOGICAL SOCIETY .. .. .	857
OPHTHALMOLOGICAL SOCIETY OF NEW ZEALAND .. .. .	861
INDEX .. .. .	863

## LXXXIII

## LIST OF COMMUNICATIONS

BROUGHT BEFORE THE SOCIETY DURING THE SESSION  
1966

	PAGE
ANNUAL CONGRESS .. ..	1
Address of welcome. . . . .	1
The prognosis in congenital glaucoma.	
A. LISTER	5
A familial musculo-fascial anomaly.	
G. V. CATFORD	19
The determination of blindness in infancy.	
R. B. HARCOURT and KENNETH WYBAR	37
The silver plomb method in macular holes.	
Professor B. ROSENGREN	49
Laser coagulation risks and advantages.	
BJÖRN TENGROTH	55
The prevention of drug induced retinopathies.	
S. J. CREWS	63
Ocular complications of phenothiazines.	
M. B. R. MATHALONE	77
Lens opacities in glaucoma patients on phospholine iodide therapy.	
ANDREW DE ROETH	89
Teratogenic agents and thalidomide.	
J. F. CULLEN	101
Discussion: ED. MAWAS	115
H. E. HOBBS	119
Some clinical applications of fluorescence retinal photography.	
D. W. HILL	125
Fluorescein studies of macular changes.	
K. RUBINSTEIN and A. PATON	139
Management of scleral disease.	
PETER G. WATSON	151
Conglomerate tuberculosis of the iris with scleral perforation.	
COLIN WALKER	169
The relation of vitamin A to dystrophies of the posterior segment.	
F. C. RODGER	177

	PAGE
Recent observations on the biology of <i>Toxoplasma gondii</i> .	
W. M. HUTCHISON	185
Reconstructive surgery of the eyelids and orbit.	
BEVERLEY A. BURGESS	191
Two-stage reconstruction of the upper lid.	
J. C. MUSTARDÉ	197
Recent advances in the treatment of glaucoma.	
E. S. PERKINS	199
Comparison between medical and surgical treatment in glaucoma simplex.	
REDMOND SMITH	211
Surgical aspects of glaucoma.	
M. V. GRAHAM	223
Conservative management of the glaucomas.	
C. I. PHILLIPS	233
The value of osmotic hypotonizing means for the treatment of ocular hypertension.	
G. B. BIETTI	247
External side-effects by Eppy.	
FINN SPIERS and POUL ELDRUP-JØRGENSEN	255
Sinusotomy according to Krasnov.	
Professor B. ROSENGREN	261
Blow-out fracture of the orbit.	
D. E. P. JONES	271
Microsurgery.	
DERMOT PIERSE	281
The place of optical iridectomy in the treatment of develop- mental cataract.	
R. K. BLACH	287
INFECTION BY TRIC AGENT AND OTHER MEMBERS OF THE BEDSONIA GROUP.	
I. Ocular disease in the adult.	
BARRIE R. JONES, M. KHALAF AL-HUSSAINI, M. H. M. EMARAH, ARNOLD FREEDMAN, JENNIFER A. GARLAND, IAN A. HARPER, JOHN W. RACE, M. S. DU TOIT, and JOHN D. TREHARNE	291
II. Ophthalmia neonatorum due to TRIC agent.	
ARNOLD FREEDMAN, M. KHALAF AL-HUSSAINI, ERIC M. C. DUNLOP, M. H. M. EMARAH, JENNIFER A. GARLAND, IAN A. HARPER, BARRIE R. JONES, JOHN W. RACE, M. S. DU TOIT, JOHN D. TREHARNE, and DAVID J. M. WRIGHT	313

	PAGE
III. Genital infection and disease of the eye.	
ERIC M. C. DUNLOP, M. KHALAF AL-HUSSAINI, ARNOLD FREEDMAN, JENNIFER A. GARLAND, IAN A. HARPER, BARRIE R. JONES, JOHN W. RACE, M. S. DU TOIT, JOHN D. TREHARNE and DAVID J. M. WRIGHT	321
IV. Laboratory aspects.	
IAN A. HARPER, M. KHALAF AL-HUSSAINI, ERIC M. C. DUNLOP, M. H. L. EMARAH, ARNOLD FREEDMAN, JENNIFER A. GARLAND, BARRIE R. JONES, JOHN W. RACE, M. S. DU TOIT, JOHN D. TREHARNE, and DAVID J. M. WRIGHT	335
ANNUAL GENERAL MEETING .. .. .	345
REPORT OF COUNCIL FOR 1965-66 .. .. .	351
HONORARY TREASURER'S REPORT .. .. .	353
BALANCE SHEET .. .. .	355

---

OXFORD OPHTHALMOLOGICAL CONGRESS, 1966

ANNUAL MEETING .. .. .	361
GENETICS IN OPHTHALMOLOGY: Introduction. .. .. .	365
Heredo-familial corneal dystrophies.	
J. FRANÇOIS	367
Hereditary disorders of the retina.	
ARNOLD SORSBY	417
Genetic aspects of glaucoma.	
S. J. H. MILLER	425
The ocular manifestations of trisomy 13-15.	
C. G. KEITH	435
The corneal mushroom graft.	
PETER WILSON	455
Peripheral retinal degenerations in relation to retinal detachment.	
R. K. BLACH and M. A. BEDFORD	463
Cryosurgery with simple tools.	
LORIMER FISON	475

	PAGE
Blurring of vision on exercise.	DOUGLAS S. THOMSON 479
Peripheral iridencleisis.	
Professor Dr. W. LEYDHECKER and Dr. G. RICKLEFS	493
Two years fluorescein follow-up of diabetic microaneurysms.	
OLGA FERRER	497
Intra-cameral and intra-corneal implants.	
D. P. CHOYCE	507
(Film) Osteo-odonto- and chondro-keratoprosthesis.	
T. A. CASEY	527
The effect of vasoactive drugs on the retinal circulation.	
KAREL ZAHN	529
THE DOYNE MEMORIAL LECTURE. The mode of action of miotics on outflow resistance: a study of pilocarpine in the vervet monkey <i>Cercopithecus ethiops</i> .	
ERNST H. BÁRÁNY	539
Reconstructive lid surgery.	
R. DALGLEISH	579
An advisory clinic for colour defective children.	
W. O. G. TAYLOR	591
Studies of the ocular pulse.	
JOHN M. MCLEAN and MILES A. GALIN	609
Visual functions in relation to road accidents.	
G. T. WILLOUGHBY CASHELL	617
Visual acuity and driving.	
A. G. CROSS	627
Unawareness of danger in road accidents.	
E. GRATTAN	633
Changes in aqueous flow determined by fluorophotometry.	
P. A. J. STARR	639
A dynamometer outflow test.	
M. M. SLABBER DU TOIT	647
Problems of refraction.	
M. J. GILKES	657
Discussion on refraction.	
NIGEL CRIDLAND	667
Refraction failures.	
A. STANWORTH	677

	PAGE
MIDLAND OPHTHALMOLOGICAL SOCIETY	
Scope of 8 mm. cine photography in ophthalmology.	A. HIRTENSTEIN 701
The Midland Ophthalmological Society.	J. S. GROVES 707
Contact lenses in hospital practice.	M. C. HANDSCOMBE 713
Rosacea and its treatment.	Dr. M. A. COWAN 719
The ocular aspects of rosacea.	M. J. ROPER-HALL 727

---

#### NORTH OF ENGLAND OPHTHALMOLOGICAL SOCIETY

Experiences with Arruga failure.	E. J. SOMERSET 735
The causes of failures in the surgery of retinal detachment.	C. A. L. PALMER 743
Complications of encirclement procedures.	A. J. DARK 749
The selection of the surgical procedure for simple retinal detachment.	R. DALGLEISH 753
Sympathetic ophthalmia after glaucoma surgery.	D. M. J. BURNS and R. H. AINLEY 757

---

#### SOUTH-WESTERN OPHTHALMOLOGICAL SOCIETY

Surgical treatment of glaucoma.	N. L. DALLAS 765
The choice of operation in glaucoma.	P. JAMESON EVANS 773

---

SOUTHERN OPHTHALMOLOGICAL SOCIETY	787
-----------------------------------	-----

	PAGE
SCOTTISH OPHTHALMOLOGICAL CLUB	
Ophthalmic aspects of developmental disease.	J. S. CANT 791
-----	
IRISH OPHTHALMOLOGICAL SOCIETY	
Reflections on management of intra-ocular foreign bodies.	J. A. CORKEY 803
THE MONTGOMERY LECTURE. Some aspects of normal and abnormal corneal wound healing.	FRANK W. NEWELL 813
Conservative surgery in retinal detachment cases.	BAYARD H. COLYEAR, JR. 831
Experience with urokinase in secondary traumatic hyphæma.	W. HEATH 843
The National Ophthalmic Pathology Laboratory and Registry of Ireland—an Introduction.	JOAN MULLANEY 847
-----	
OPHTHALMOLOGICAL SOCIETY OF SOUTH AFRICA	851
-----	
ALL INDIA OPHTHALMOLOGICAL SOCIETY	853
-----	
OPHTHALMOLOGICAL SOCIETY OF AUSTRALIA (A.M.A.)	855
-----	
CANADIAN OPHTHALMOLOGICAL SOCIETY	857
-----	
OPHTHALMOLOGICAL SOCIETY OF NEW ZEALAND	861
-----	
INDEX .. .. .	863

# OPHTHALMOLOGICAL SOCIETIES OF THE UNITED KINGDOM

ANNUAL CONGRESS

HELD IN EDINBURGH

ON

13TH TO 15TH APRIL, 1966

*President:* SIR STEWART DUKE-ELDER,  
G.C.V.O., M.D., F.R.C.P., F.R.C.S., F.R.S.

13TH APRIL, 10 A.M.

## ADDRESS OF WELCOME

The PRESIDENT said:

It is with the greatest of pleasure that in the second and last year of my Presidency I welcome you all to Scotland for our annual meeting; and by all I mean not only my colleagues from these islands but those most welcome visitors from thirteen different countries beyond the seas, several of them from Europe and others from as far apart as Canada and the U.S.A. on the one hand, and Australia and New Zealand on the other. Many of them are our old friends; others are new acquaintances whom we are delighted to meet.

I am the ninth Scottish President of this Society and although some of you will dub me an *émigré* and a traitor, it is always with the greatest of delight that I come home again. Although I am the ninth, this is only the fourth Congress that has taken