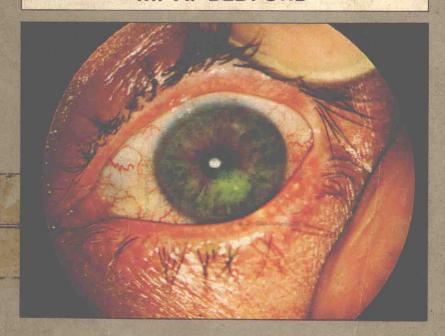
WOLFE MEDICAL ATLASES-3

A colour atlas of Ophthalmological Diagnosis

M. A. BEDFORD



A colour atlas of Ophthalmological Diagnosis

M. A. BEDFORD

F.R.C.S.

Consultant Eye Surgeon, St. Bartholomew's Hospital and Moorfields Eye Hospital, London, E.C.1

WOLFE MEDICAL BOOKS
10 Earlham Street London WC2

Copyright © M. A. Bedford, F.R.C.S. 1971 Published by Wolfe Medical Publications Ltd. 1971 Printed by Smeets-Weert Holland ISBN 07234 0175 6 6th impression 1978 General Editor, Wolfe Medical Books G. Barry Carruthers MD (Lond)

This book is one of the titles in the series of Wolfe Medical Atlases, a series which brings together probably the world's largest systematic published collection of diagnostic colour photographs.

For a full list of Atlases in the series, plus forthcoming titles and details of our surgical, dental and veterinary Atlases, please write to Wolfe Medical Publications Ltd., 10 Earlham Street, London WC2H 9LP.

Contents

INTRODUCTION: Page 6

PART 1

Methods of examination: Figs. 1-25

PART 2

The Red Eye: Figs. 26-39

PART 3

Loss of Vision in a White Eye: Gradual: Figs. 40-57

Sudden: Figs. 58-61

PART 4

Eye Injuries: Minor: Figs. 62-73

Major: Figs. 74-88

PART 5

Miscellaneous: A (common): Figs. 89-108

B (less common): Figs. 109-138

INDEX: Page 189

WOLFE MEDICAL BOOKS

General Editor

G. BARRY CARRUTHERS, M.D. (Lond.)

Books in this series already published

A colour atlas of Haematological Cytology

A colour atlas of General Pathology

A colour atlas of Oro-Facial Diseases

A colour atlas of Ophthalmological Diagnosis

A colour atlas of Renal Diseases

A colour atlas of Venereology

A colour atlas of Dermatology

A colour atlas of Infectious Diseases

A colour atlas of Ear, Nose & Throat Diagnosis

A colour atlas of Rheumatology

A colour atlas of Microbiology

A colour atlas of Forensic Pathology

A colour atlas of Paediatrics

A colour atlas of Histology

A colour atlas of General Surgical Diagnosis

A colour atlas of Physical Signs in General Medicine

A colour atlas of Tropical Medicine & Parasitology

Some further titles now in preparation

A colour atlas of Cardiac Pathology

A colour atlas of Gynaecology

A colour atlas of Orthopaedics

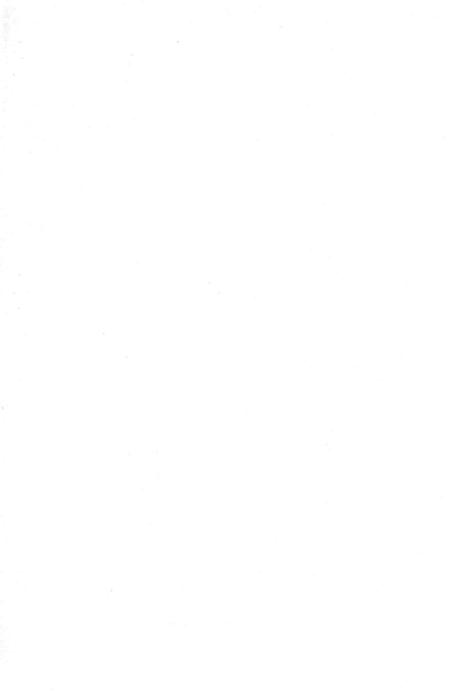
A colour atlas of the Liver

A colour atlas of Endocrinology

A colour atlas of Cytology

A colour atlas of Urology

A colour atlas of Staining Techniques



A colour atlas of Ophthalmological Diagnosis

M. A. BEDFORD

F.R.C.S.

Consultant Eye Surgeon, St. Bartholomew's Hospital and Moorfields Eye Hospital, London, E.C.1

WOLFE MEDICAL BOOKS
10 Earlham Street London WC2

Copyright © M. A. Bedford, F.R.C.S. 1971 Published by Wolfe Medical Publications Ltd. 1971 Printed by Smeets-Weert Holland ISBN 07234 0175 6 6th impression 1978 General Editor, Wolfe Medical Books G. Barry Carruthers MD (Lond)

This book is one of the titles in the series of Wolfe Medical Atlases, a series which brings together probably the world's largest systematic published collection of diagnostic colour photographs.

For a full list of Atlases in the series, plus forthcoming titles and details of our surgical, dental and veterinary Atlases, please write to Wolfe Medical Publications Ltd., 10 Earlham Street, London WC2H 9LP.

Contents

INTRODUCTION: Page 6

PART 1

Methods of examination: Figs. 1-25

PART 2

The Red Eye: Figs. 26-39

PART 3

Loss of Vision in a White Eye: Gradual: Figs. 40-57

Sudden: Figs. 58-61

PART 4

Eye Injuries: Minor: Figs. 62-73

Major: Figs. 74-88

PART 5

Miscellaneous: A (common): Figs. 89-108

B (less common): Figs. 109-138

INDEX: Page 189

Introduction

THIS WORK is intended to be an atlas, not a textbook. No attempt is made to cover the whole field of ophthalmology. The book is aimed at the hard-pressed undergraduate or family doctor who has not the time (or the inclination) to delve deeply into a textbook containing optical theory and obscure pathological conditions surrounded by complicated ocular terms unlike any others in the rest of medicine.

In the first chapter emphasis is placed on a practical examination which is described step by step and which can be carried out with a minimum of simple instrumentation by someone not necessarily skilled in ophthalmology. In addition there are short descriptions of diagnostic instruments an eye surgeon may use.

This is followed by chapters dealing with the evaluation of common clinical patterns that the non-ophthalmologist may be confronted with; that is, the red eye; loss of vision in an apparently normal looking white eye; eye injuries, and so on. In each of these chapters an attempt is made to show how the diagnosis can be made by employing the method of examination previously described.

It is hoped that this atlas may help the average medical man to sort out ocular problems which might well otherwise defeat him.

Part 1

Methods of examination

- 1. Estimation of the Visual Acuity: Figs. 1 & 2
- 2. Examination of the Outside of the Eye: Figs. 3-9
- 3. Examination of the Inside of the Eye: Figs. 10–15

Other tests not used routinely

- (A) Assessment of Intra-ocular Pressure:
 - Figs. 17-19
- (B) Assessment of Visual Fields: Figs. 21–25

METHODS OF EXAMINATION

Fig. 1. When confronted with a patient complaining of an ocular disorder of any sort, the first point to establish is: what can the patient actually see? This is estimated with the well known Snellen test chart which should be used at a distance of 6 metres from the patient; this "6" is the top number of the fraction 6/6; being the normal visual acuity. On the figure opposite, this is the ability to read the third line from the bottom. The lowest two lines are necessary because very often the patient's visual acuity can be better than normal, i.e. 6/5 (second line from the bottom) or 6/4 (being the bottom line). The reasoning behind this chart is that, taking the top letter, the normal person can see this at 60 metres as it subtends ten times the angle of the letters on the 6/6 line. Similarly, a normal person can see the second line i.e. "O E" at 36 metres and underneath that 24, 18, 12 and 9 metres. If testing at 6 metres and the patient can see only the second line from the top ("O E") the vision is thus 6/36. There are several points to bear in mind when testing the visual acuity; do not waste time doing binocular visual acuity, but test one eye at a time and always test the eye the patient is not complaining about first as this can be a very useful control.

The approximate equivalents to Snellen's notation in feet and in the decimal system are: –

Snellen's notation		Decimal
Metres	Feet	notation
6/6	20/20	1.0
6/9	20/30	0.7
6/12	20/40	0.5
6/18	20/60	0.3
6/24	20/80	0.25
6/60	20/200	0.1

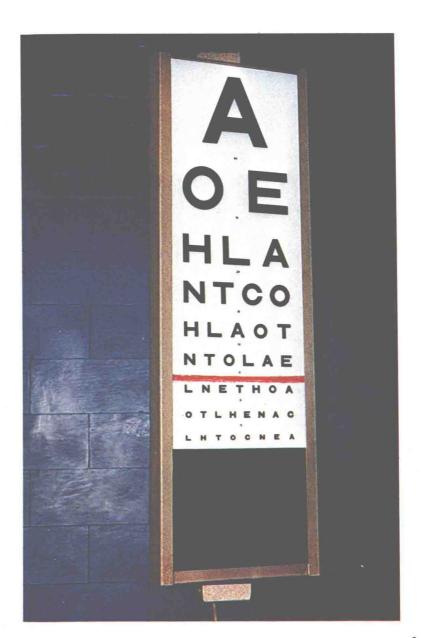
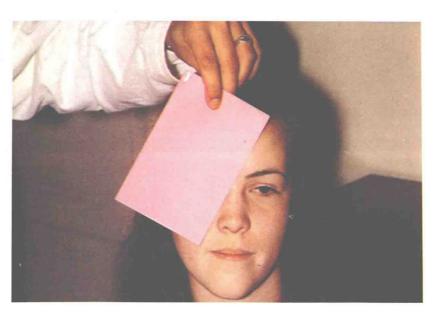
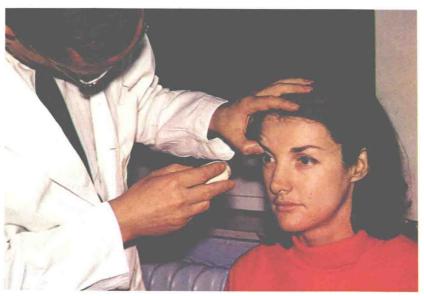


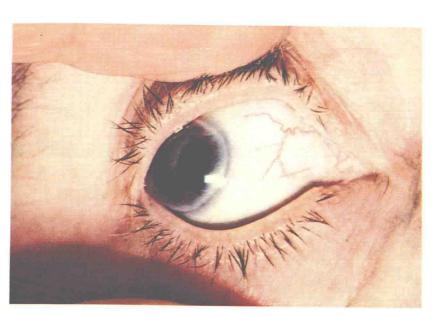
Fig. 2. Always use an opaque card to occlude the other eye. If you use your own hand or the patient's hand there may be small gaps between the fingers, through which the patient may sometimes look, thus giving a false reading. The card can be easily moved across to the other eye; there is thus no doubt as to the separate visual acuity of each eye. Naturally, the tests should be done with the patient wearing his distance glasses or bifocals. This is a point well worth remembering, for to save time the patient, knowing that he is to see the doctor about his eyes, will tend to remove his glasses before coming in for the examination.

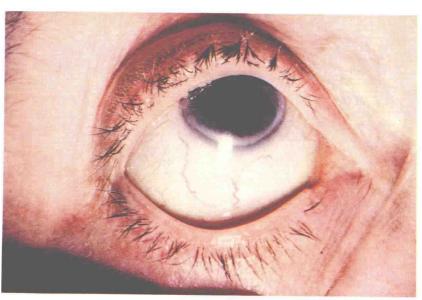
Fig. 3. Next consider the examination proper; taking it in a logical order. Firstly, examine the outside of the eye. This is best done by using an ordinary hand light and holding up the upper lid as shown. Points to be noticed are: Is the eye white or red? Are the pupils reacting normally? Is there a nice bright corneal reflex? This last is a sight which pleases all eye surgeons, for it proves that the essential transparent window of the eye – the cornea – is probably normal, if the highlight shown by the reflection of the examiner's hand light is bright and clearly defined.





Figs. 4 & 4a. The patient should be instructed to look to the right, to the left, up and down. Both eyes should be examined in this way. It is impossible to see the deep aspect of the upper lid without a further manoeuvre termed "eversion" (Fig. 5).





此为试读,需要完整PDF请访问: www.ertongBook.