OBSTETRICS FOR STUDENTS

BY THE SAME AUTHOR

Gynaecology for Students

High Blood Pressure and Pregnancy

OBSTETRICS FOR STUDENTS

THIRD EDITION

LANCE TOWNSEND

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PREFACE TO THIRD EDITION

The pleasure that the preparation of the third edition of this book has given me in the evening of my academic career has amazed me. Looking forward from the time when the book was first published fourteen years ago I imagined then that when I was preparing the third edition there would be little to alter.

The advances in obstetric practice continue, and at such a rate that most of the book has needed some revision. The chapters on Radiology and Puerperal Infection have been revised so that the whole of the obstetric text has been written by myself. Dr W. H. Kitchen has revised the Paediatric section, which has always been regarded as superior to the Obstetric section.

I have again received help from many sources. Dr J. H. Evans has again read the manuscript and proofs and supervised the final format of the book. Dr James Smibert went through the second edition very carefully and made many suggested alterations which have been included. Dr Kevin McCaul has contributed the section on Pain in Labour and Dr R. Pepperell has also assisted with the preparation of some sections. Mrs A. Sultzer, Department of Pathology, Royal Women's Hospital has made some new line drawings. Miss Muriel Ryan and Miss Lorraine Morrison have done the typing and arranged the alterations in the old manuscript. Members of the Professorial Unit, Royal Women's Hospital have given me assistance with minor details.

I wish to thank The Macmillan Company of Australia for publishing this edition. Mr Brian Stonier and Mr John Rolfe have been of great assistance in the efficient and speedy manner with which the book has been published.

PREFACE TO SECOND EDITION

The preparation of the second edition of this book has brought home to me the many advances that have occurred in obstetrics and neonatal paediatrics in the last five years.

The reception of the first edition has encouraged me to prepare this second edition which I hope will be as well received. Dr Kate Campbell has now retired from my department as Neonatal Paediatrician, and the neonatal section, which continues to be a major portion of the book, has been completely rewritten by her successor, Dr W. H. Kitchen.

I have again received help from many sources. Dr J. H. Evans has read the manuscript and proofs and supervised the final format of the book. Dr Kevin Collins has given me many helpful suggestions regarding minutiae which he noted whilst an undergraduate. Miss Gillian Haag, Department of Pathology, Royal Women's Hospital, has modified some of the illustrations and Miss M. Smith has prepared some of the diagrams. Miss Muriel Ryan, my secretary, has done all the typing and arranged the alterations in the old manuscript.

Now that the work is complete it has been a rewarding task and I thank the above-mentioned and all my staff for direct and indirect assist-

ance during the preparation of the book. The staff of the Melbourne University Press has again been co-operative in the preparation of this edition.

PREFACE TO FIRST EDITION

This textbook of obstetrics is a companion volume to *Gynaecology for Students*, published in 1961. For a considerable time it has been the practice in the University of Melbourne for successive lecturers in Obstetrics and Gynaecology to supply the undergraduates with printed notes. The first of these were produced in 1926 by the late Dr Arthur Wilson, and there were several revisions by the late Professor R. Marshall Allan, first and only Professor of Obstetrics in the University of Melbourne; they were again revised in 1949 by Dr J. W. Johnstone whilst he was Acting-Professor. In 1955 I undertook a further revision of the sections on obstetrics during a visit to the Johns Hopkins Hospital as the guest of Dr Nicholson J. Eastman. For some years undergraduates have requested that the notes be produced in normal book format, as has been done with the section on gynaecology.

During the production of the present volume I have received the help of many of my colleagues, to whom my gratitude is extended. Dr Kate Campbell has written the section on neo-natal paediatrics which constitutes a major contribution to the book. Dr A. M. Hill is responsible for the chapter on puerperal infection and portion of the chapter on abortion, and Dr Colin Macdonald for the chapter on radiology in pregnancy.

Dr Kevin McCaul has corrected and rewritten most of the section on analgesia and anaesthesia in obstetrics; Dr Frank Forster has written the section on liver disease in pregnancy, and Dr James Smibert has read and made suggestions concerning the chapters dealing with pre-eclampsia and medical diseases in pregnancy. Dr Hans Bettinger has made available from his department at the Royal Women's Hospital the photomicrographs and clinical photographs.

Dr John Nattrass has read the manuscript and proofs and made many valuable suggestions and corrections in the subject matter and in the final wording of the text. He has also compiled the index. Dr Eric Mackay assisted with the manuscript in the previous edition of the notes. Dr Norman Beischer has prepared the captions to the illustrations, selected the clinical photographs for reproduction, and assisted in the correction of all parts of the manuscript. Miss L. Kerley, of the Department of Obstetrics and Gynaecology, made the line drawings. Miss M. Johnson, of the Department of Pathology, Royal Women's Hospital, and Mrs M. Pertinac, of the University Department of Obstetrics and Gynaecology, prepared the photographs. Dr Michael Kloss read the manuscript to ensure that our change-over to the metric system was accurate. Miss Muriel Ryan, my secretary, typed

numerous versions of the text and was assisted by Mrs S. Edwards. Their industry and skill at deciphering largely illegible hand-writing have done much to shorten and lighten the task of preparation.

The present volume embodies the principles and practice of obstetrics and neonatal paediatrics as taught to undergraduates. It is hoped that medical practitioners also will find the book helpful for reference when they are faced with problems in these fields during the course of practice.

Its publication marks the centenary of the founding of the Clinical School at the Royal Women's Hospital, in which all medical graduates of the University of Melbourne have received their basic training in obstetrics. I am grateful to the members of the School in general and to my colleagues and friends in particular for the help received in the publication of this book.

L.T.