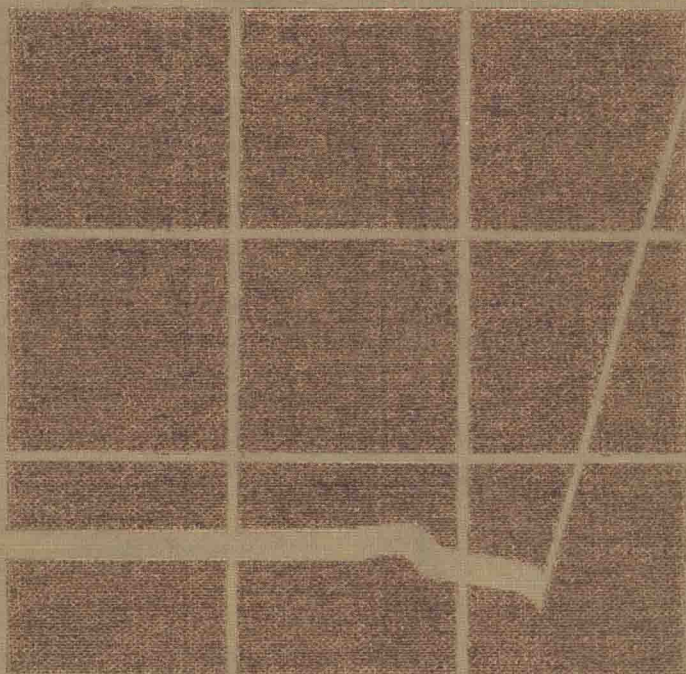


# **PROGRESS IN ELECTROCARDIOLOGY**



**Edited by  
Peter W. Macfarlane**

# PROGRESS IN ELECTROCARDIOLOGY

*Edited by*

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## PROGRESS IN ELECTROCARDIOLOGY

## 5th INTERNATIONAL CONGRESS ON ELECTROCARDIOLOGY (XIX International Symposium on Vectorcardiography)

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The congress is held annually under the auspices of the International Council.

# PREFACE

This book represents the Proceedings of the 5th International Congress on Electrocardiology held in Glasgow, Scotland, from 5th - 8th September, 1978. Electrocardiology is a continually expanding subject and the content of this book reflects the breadth of this discipline. Approximately 20 years ago when the forerunner of the International Congress on Electrocardiology was first convened, the general topics discussed were mainly vector cardiography and, to a certain extent, the mathematical modelling of the electrical activity of the heart. Nowadays the subject also includes cardiac electrophysiology, computer studies both in respect of ECG interpretation and mathematical modelling, surface mapping of ECGs, intracardiac electrocardiography and so on. No single person could hope to be an expert in all of these areas, and as Editor of these Proceedings I hope I will be forgiven if there is any major error which has not been spotted at the time of reviewing each paper.

The papers have not been refereed in the usual way and it must therefore be stated that the views expressed in the papers are not necessarily those of the editor. It would have been impossible to have engaged in correspondence with authors and, indeed, some papers might not have been accepted for publication had there been strict refereeing. However, the function of a Congress such as this International Congress on Electrocardiology of which this book represents the Proceedings, is to bring together people of different nations in order to exchange ideas. The Congress therefore provided a forum for discussion and the Proceedings reflect the variation in content and research activities in different countries. In addition they bring together in a single volume a collection of reports, many unique, which present the state of the art.

The essence of publication of Congress Proceedings such as these is speed and this has been the determining factor in the editing process. To have asked authors to submit manuscripts already typed on suitable paper for direct copying would have proved a drastic mistake in view of the variation in standards of English presentation and therefore the method adopted whereby the papers are quickly reset on a composer which does not allow texts to be aligned at both edges of the paper was accepted as a useful compromise.

Editing these Congress Proceedings has proved an enlightening exercise. The task was somewhat more difficult than was initially envisaged for a variety of reasons. These are worth explaining in a little detail both for those who are reading this book without having attended the Congress and for those participants who have contributed articles.

It was interesting to observe how some authors adhered to the regulations for submitting manuscripts and to those who kept to the limits of text length, etc., I would like to express my sincere thanks. To those who submitted texts which

were considerably longer than requested, together with an excessive number of figures, disguised as Fig. la, b, c, d . . . , I would like to ask that they play the game when next submitting papers to the editors of any future Congress Proceedings! In the event, it would have proved far more troublesome to have attempted to abbreviate those papers which exceeded the limits than it did to leave them as they stood. For this reason some papers are longer than others and I hope those authors who religiously stuck to the requested limits will accept the Editor's apologies for the discrepancy between the lengths of different papers. Some authors kindly agreed to revise their manuscripts to keep to the specified limits and I was greatly appreciative of this too.

The task of editing mainly revolved around the correction of English translation. In many cases where the authors were not native English speakers, it was necessary to revise whole sentences here and there to improve the text and if any of the English to English translations are not precisely to the liking of the authors concerned, I must offer my apologies. On the other hand it would have been impossible to return a revised manuscript or proofs to each author and await comments since publication of the scripts would have been delayed and, in any event, changes to proofs at a late stage would have been expensive, if not impossible.

On a more mundane level, there were one or two annoying points in papers which the editor has left alone rather than change from beginning to end. An example is the use of mm. for expressing eletrocardiographic wave measurements. As all readers will realise, measurements of voltage should be expressed in mV or equivalent and not in terms of a unit of length. This, of course, is a personal hobby horse of the editor but is a small point to which the reader's attention is drawn. Likewise other trivial points include differences between American and English spelling and these have not been standardised throughout the book. American readers will therefore think that half the book is incorrectly spelt while others brought up on the Queen's English will think the remaining half of the book is incorrectly spelt!

It would seem appropriate at this stage to thank once again all of those who worked towards the success of the 5th International Congress on Electrocardiology, not least of whom were the organising committee whose names can be found elsewhere. In particular I would like to dedicate this book to my wife, without whose secretarial help there would have been no Congress!

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