The Manufacture and Use of the Functional Foot Orthosis

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Functional Foot Orthosis

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Preface

The following chapters are designed to be a comprehensive guide for those wishing to manufacture and use functional foot orthotic devices, to assist with the treatment of biomechanically related pathology of the lower limb. Although many accepted clinical biomechanical and pathomechanical concepts are dealt with in some detail, the main intention of this book is to deal primarily with prescription writing and the fabrication concepts and processes that are involved in the manufacture of an effective functional foot orthosis. It is assumed that those wishing to acquire a better insight into orthosis therapy already have a good understanding of the theory and practice of clinical biomechanics as applied to the lower limb, therefore the biomechanical discussions are somewhat beyond the basic level.

The head cannot say to the feet ‘I have no need for thee’. God has so adjusted the body that there be no discord. If one member suffers, all suffer together. If one member is honoured, all rejoice together.

I Corinthians

It has been my intention, throughout the text, to relate many of my own ideas regarding the correct fabrication processes and prescription variances, that are required to achieve consistently good results in the treatment of musculo-skeletal pathologies that have their aetiology in abnormal biomechanical compensation: these ideas and concepts are founded
on personal experiences over many years of prescribing foot orthoses. The concepts have been deliberately presented in a very purist manner to enhance the basic understanding. It is hoped that this volume proves beneficial to all practitioners of clinical biomechanics using functional foot orthoses and ultimately to those they treat.

Ray Anthony

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Ray Anthony

It is an Orthosis
They are Orthoses
They are Orthotic Devices
They are not Orthotics