

Nutrition for Sport and Exercise: A Practical Guide

Hayley Daries

ISBN: 978-1-4051-5354-6

280 pages

October 2012, ©2012, Wiley-Blackwell

Description

Food and drink choices

before, during and after training and competition have a direct impact on health, body mass and composition, nutrient availability and recovery time, and an optimal diet can significantly improve exercise performance. *Nutrition for Sport and Exercise* outlines the fundamental principles of nutrition in relation to sport and exercise and then applies these principles through practical tools such as food and nutrient lists, recipes and menu options. This practical guide translates the athlete's goals into achievable strategies and shortens the gap between theory and practice. Equipping the reader to successfully implement dietary changes, this is an invaluable resource for athletes, sports physicians and undergraduate students of nutrition and

Special Features

- Dedicated chapters on the impact and relevance of specific nutrients and food groups
- Includes recipes and menu options

sport and exercise science courses.

- Covers the area of sport and exercise nutrition with an evidence-based approach
- Concise and accessible, combining theory and practice

Table of Contents

Preface, vi

Acknowledgments, vii

Foreword, viii

Professor Timothy D Noakes
1 Introduction, 1
2 The Athlete's Energy Needs, 13
3 Laying the Foundation of a Good Diet, 32
4 Carbohydrates, 58
5 Protein, 90
6 Fats, 115
7 Vitamins and Minerals, 144
8 Fluid Balance, 176
9 Performance-Enhancing (Ergogenic) Aids, 201
Appendix: Reference Values for Estimated Energy Expenditure, 216
Glossary, 218
Student Exercises, 223
Answers to Student Exercises, 233
References, 239
Internet Resources, 264
Index, 265
Companion website
This book is accompanied by a website: www.wiley.com/go/daries/nutrition

The website features: Student exercise and answers