Record Nr. UNINA9910826963603321 Autore Gamble Paul Titolo Training for sports speed and agility: an evidence-based approach / / Paul Gamble Pubbl/distr/stampa Abingdon, Oxon;; New York,: Routledge, 2012 Milton Park, Abingdon, Oxon;; New York:,: Routledge,, 2012 **ISBN** 1-136-63094-5 1-283-46219-2 9786613462190 0-203-80303-5 1-136-63095-3 Edizione [1st ed.] Descrizione fisica 1 online resource (201 p.) Disciplina 613.71 613.711 Soggetti Physical education and training Athletes - Training of Muscle strength Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Includes bibliographical references and index. Nota di bibliografia Nota di contenuto Cover; Training for Sports Speed and Agility: An evidence-based approach; Copyright; Contents; Figures; Tables; Acknowledgements; Part I: Theory of sports speed and agility development; 1. Introduction: What defines sports speed and agility?; 2. Foundations of speed and agility expression in sports; 3. Assessing physical parameters of speed and agility; 4. Athleticism and movement skills development; Part II: Developing physical capabilities for speed and agility; 5. Strength training for speed and agility development; 6. Speed-strength development and plyometric training 7. Metabolic conditioning for speed and adility performance8. Lumbopelvic 'core' stability; 9. Warm-up methods and mobility training; Part III: Developing technical and perceptual aspects of sports speed and agility; 10. Technical aspects of acceleration and straight-line

speed development; 11. Developing change of direction capabilities and expression of sports agility; Part IV: Designing the programme; 12.

## Sommario/riassunto

Planning and scheduling: Periodisation of training; References; Index

Speed and agility are central to success in a wide range of sports. Training for Sports Speed and Agility is the first evidence-based study of all those aspects of athletic preparation that contribute to the expression of speed and agility during competition. Drawing on the very latest scientific research in the fields of strength and conditioning, applied physiology, biomechanics, sports psychology, and sports medicine, the book critically examines approaches to training for speed and agility. This book further explores the scientific rationale for all aspects of effective