



PROGRAMA DE ENTRENAMIENTO FISICO-DEPORTIVO

INSTRUCCIONES

Descripción General

Programa de entrenamiento para el desarrollo de las cualidades físicas del atleta, reconocidas como, 1) potencia o explosividad, 2) fortaleza muscular funcional, 3) fuerza rápida, 4) tolerancia muscular, 5) flexibilidad dinámica, 6) balance dinámico, 7) capacidad anaeróbica, 8) tolerancia cardiorrespiratoria o aeróbica, 9) velocidad, 10) agilidad, 11) rapidez y otros. El tipo de entrenamiento puede ser con resistencias, o entrenamiento funcional, para la preparación física-integrada de la aptitud neuromuscular. Es importante que siempre se encuentre orientada hacia la destreza especializada en el deporte de tenis de mesa, tenis de campo y atletismo. Es importante partir de una análisis de necesidades del deporte seleccionado.

Perspectiva:

Tal sistema puede emplear los siguientes enfoques:

1. Bolas medicinales
2. Bandas elásticas
3. Pesas libres
4. Máquinas Universales o multiuso
5. Otros

Referencias

Anderson, B. (2015). **Stretching: The Pocketbook**. Bolinas, CA: Shelter Publications Inc. 224 pp.

Baechle, T. R. & Earle, R. W. (2006). **Weight Training: Steps to Success** (3ra. ed.). Champaign, Illinois: Human Kinetics Books. 216 pp.

Baechle, T. R. & Earle, R. W. (Eds.). (2008). **Essentials of Strength Training and Conditioning** (3ra. ed.). Champaign, Illinois: Human Kinetics. 640 pp.
Barbado Villalba, C. (2010). **Manual de Ciclo Indoor** (2da. Ed. Revisada y aumentada). Badalona, España: Editorial Paidotribo. 108 pp.

Barbany J.R. (2009). **Fisiología del Ejercicio Físico y del Entrenamiento** (2da. ed.). Badalona, España: Editorial Paidotribo. 192 pp.

- Been, A. (2015). **Complete Guide to Strength Training** (5ta. ed.). New York, NY: Bloomsbury Sports: An imprint of Bloomsbury Publishing Plc. 288 pp.
- Hirshberg, B. (2015). **Sandbag Training Bible: Functional Workouts to Tone, Sculpt and Strengthen your Entire Body**. Berkeley, CA: Ulysses Press
- Barrett, S. (2016): **Entrenamiento Total en Suspensión**. Badalona, España: Editorial Paidotribo. 168 pp
- Bompa, T. O. (2006). **Periodización del Entrenamiento Deportivo**. Barcelona, España: Editorial Paidotribo. 219 pp.
- Bompa, T. O., & Buzzichelli, C. A. (2015). **Periodization Training for Sports** (3ra. ed.). Champaign, IL: Human Kinetics. 356 pp.
- Boyle, M. (2010). **Advances in Functional Training: Training Techniques for Coaches, Personal Trainers and Athletes**. Santa Cruz, CA: On Target Publications. 315 pp.
- Boyle, M. (2016). **New Functional Training for Sports** (2da. ed.). Champaign, IL: Human Kinetics. 243 pp.
- Brandon, L. (2010). **Anatomía & Entrenamiento**. Badalona, España: Editorial Paidotribo. 144 pp.
- Brown, L. E., & Ferrigno, V. A. (Eds.). (2015). **Training for Speed, Agility, and Quickness** (3ra. ed.). Champaign, Illinois: Human Kinetics. 293 pp.
- Brumitt, J. (2010). **Core Assessment and Training**. Champaign, IL: Human Kinetics. 154 pp.
- Bruscia, G. (2015). **The Functional Training Bible**. Oxford, OXON, UK: Meyer & Meyer Sport (UK) Ltd. 510 pp.
- Cardinale, M., Newton, R., & Nosaka, K. (Eds.). (2011). **Strength and Conditioning: Biological Principles and Practical Applications**. Hoboken, NJ: Wiley-Blackwell: A John Wiley & Sons, Ltd., Publications. 461 pp.
- Chandler, T. J., & Brown, L. E. (2013). **Conditioning for Strength and Human Performance** (2da. ed.). Philadelphia, PA: Wolters Kluwer/Lippincott Williams & Wilkins. 569 pp.
- Chu, D. A., & Myer, G. D. (2013). **Plyometrics**. Champaign, IL: Human Kinetics. 242 pp.
- Chu, D. A. (2006). **Ejercicios Pliométricos** (4ta. ed.). Barcelona, España: Editorial Paidotribo. 212pp.

- Cissik, J. M., & Barnes, M. (2011). **Sport Speed and Agility** (2da. ed.). Monterey, CA: Coaches Choice. 260 pp.
- Clark, M. A., & Lucett, S. C. (Eds.). (2015). **NASM's Essentials of Sports Performance Training**. (Ed. Rev.). Burlington, MA: Jones & Bartlett Learning. 647 pp.
- Collins, P. (2016). **Entrenamiento de la Velocidad en el Deporte**. Badalona, España: Editorial Paidotribo.
- Collins, A. (2012). **The Complete Guide to Functional Training** [Versión para un lector digital]. London, UK: Bloomsbury Publishing Plc.
- Cometti, G. (2002). **El Entrenamiento de Velocidad**. Barcelona, España: Editorial Paidotribo. 200 pp.
- Cook, G., Burton, L., Kiesel, K., Rose, G., & Bryant, M. F. (2010). **Movement Functional Movement Systems: Screening, Assessment, Corrective Strategies**. Aptos, CA: On Target Publication. 416 pp.
- Cook, G., (2003). **Athletic Body in Balance: Optimal Movement Skills and Conditioning for Performance**. Champaign, IL: Human Kinetics. 234 pp.
- Cotter, S. (2014). **Kettlebell Training**. Champaign, IL: Human Kinetics. 213pp.
- Dawes, J., & Roozen, M. (2012). **Developing Agility, and Quickness**. Champaign, IL: Human Kinetics. 200 pp.
- Dawes, J., & Mooney, C. (2006). **101 Conditioning Games and Drills for Athletes**. Monterey, CA: Coaches Choice. 134 pp.
- Eisen, I. (2015). **Pilates**. New York, NY: Young Adult - Rosen Publishing. 192 pp.
- Ellenbecker, T. S., & Davies, G. J. (2001). **Closed Kinetic Chain Exercises: A Comprehensive Guide to Multiple Joint Exercises**. Champaign, IL: Human Kinetics, Inc. 128 pp.
- Ellenbecker, T., De Carlo, M., & DeRosa, C. (2009). **Effective Functional Progressions in Sport Rehabilitation**. Champaign, IL: Human Kinetics. 240 pp.
- Fleck, S. J., & Kraemer, W. J. (2014). **Designing Resistance Training Programs**. (4ta ed.). Champaign, Illinois: Human Kinetics Publishers, Inc. 507 pp.

- Frederick, A. M., & Frederick, C. (2006). **Stretch to Win**. Champaign, Illinois: Human Kinetics Publishers. 264 pp.
- Gamble, P. (2012). **Training for Sport Speed and Agility: An Evidence-Based Approach**. New York, NY: Routledge, an Imprint of the Taylor & Francis Group. 200 pp.
- Gambetta, V. (2011). **Following the Functional Path: Building and Rebuilding the Athlete**. Ithaca, NY: MomentumMedia. 279 pp.
- Gambetta, V. (2007). **Athletic Development The Art & Science of Functional Sports Conditioning**. Champaign, IL: Human Kinetics. 299 pp.
- Gardiner, P. (2011). **Advanced Neuromuscular Exercise Physiology**. Champaign, IL: Human Kinetics. 248 pp
- Geweniger, V., % Bohlander, A. (2016). **Manual de Pilates: Ejercicios con Colchoneta y Aparatos como forma de Prevención y Rehabilitación**. Badalona, España: Editorial Paidotribo
- Goldenberg, L., & Twist, P. (2016). **Strength Ball Training** (3ra. ed.). Champaign, IL: Human Kinetics. 352 pp.
- González Badillo, J. J., & Ribas Serna, J. (2002). **Bases de la Programación del Entrenamiento de Fuerza**. Barcelona, España: INDE Publicaciones. 366 pp.
- Hedrick, A. (2014). **Dumbbell Training**. Champaign, IL: Human Kinetics. 207 pp.
- Hirshberg, B. (2015). **Sandbag Training Bible: Functional Workouts To Tone, Sculpt and Strengthen your Entire Body**. Berkeley, CA: Ulysses Press 144 pp.
- Housh, T. J., & Housh, D. J. (Eds.). (2000). **Introduction to Exercise Science**. Boston: Allyn and Bacon. 290 pp.
- Incledon, L. (2005). **Strength Training for Women**. Champaign, IL: Human Kinetics. 221 pp.
- Inkster, K. (2015). **Foam Rolling: 40 Exercises for Massage, Injury Prevention, and Core Strength**. New York, NY: W.W. Norton & Company, Inc. 160 pp.
- Joyce, D., & Lewindon, D. (Eds.). (2014). **High-Performance Training for Sports**. Champaign, IL: Human Kinetics. 377 pp.

- Jeffreys, I. (Ed.). (2013). **Developing Speed**. Champaign, IL: Human Kinetics. 215 pp.
- Kirschen, D., Smith, W., & Ladewski, J. (2015). **Strength Training Bible for Women: The Complete Guide to Lifting Weights for a Lean, Strong, Fit Body**. Hobart, NY: Hatherleigh Press. 256 pp.
- Kraemer, W. J., & Fleck, S. J. (2005). **Strength Training for Young Athletes** (2da. ed.). Champaign, IL: Human Kinetics. 288 pp.
- Kravitz, L., & Bubbico T, Aaron. **Essentials of Eccentric Training** (2da. ed.). Champaign, IL: Human Kinetics. 200 pp.
- Knopf, K. (2015). **Stability Workouts on the Balance Board: Illustrated Step-by-Step Guide to Toning, Strengthening and Rehabilitative Techniques**. Berkeley, CA: Ulysses Press. 144 pp.
- Knopf, K. (2011). **Foam Roller Workbook**. Berkeley, CA: Ulysses Press. 144 pp.
- Kovacs, M. (2009). **Dynamic Stretching: The Revolutionary New Warm-up Method to Improve Power, Performance and Range of Motion**. Berkeley, CA: Ulysses Press. 144 pp.
- Liebenson, G. (2014). **Functional Training Handbook**. Philadelphia, PA: Lippincott Williams & Wilkins, Wolters Kluwer Health. 472 pp.
- Liebman, H. L. (2016). **Enciclopedia de Anatomía del Ejercicio**. Badalona, España: Editorial Paidotribo. 392 pp.
- McHenry, P., & Raether, J. (2004). **101 Agility Drills**. Monterey, CA: Coaches Choice. 150 pp.
- Miller, T. (2012). **NSCA' Guide to Tests and Assessment**. Champaign, IL: Human Kinetics. 360 pp.
- Mirella, R. (2006). **Las Nuevas Metodologías del Entrenamiento de la Fuerza, la Resistencia, la Velocidad y la Flexibilidad** (2da. ed.). Barcelona, España: Editorial Paidotribo. 258 pp.
- National Strength & Conditioning Association [NSCA] (2016). **Exercise Technique Manual for Resistance Training** (3ra. ed.). Champaign, IL: Human Kinetics. 224 pp.
- National Strength & Conditioning Association [NSCA], & Miller, T. (2016). **Guía de Pruebas y Evaluaciones de la NSCA**. Champaign, IL: Baladona, España: Editorial Paidotribo. 327 pp.

- National Strength & Conditioning Association [NSCA], & Miller, T. (2012). **NSCA' Guide to Tests and Assessment**. Champaign, IL: Human Kinetics. 360 pp.
- National Strength & Conditioning Association [NSCA], Dawes, J., & Roozen, M. (Eds.). (2011). **Developing Agility and Quickness**. Champaign, IL: Human Kinetics. 200 pp.
- National Strength & Conditioning Association [NSCA], & Jeffreys, I. (Eds.). (2013). **Developing Speed**. Champaign, IL: Human Kinetics. 224 pp.
- National Strength & Conditioning Association [NSCA], & Hoffman, J. R. (Ed.). (2012). **Science of Strength and Conditioning Series: NSCA's Guide to Program Design**. Champaign, IL: Human Kinetics. 325 pp.
- National Strength & Conditioning Association [NSCA], & Willardson, J. (Eds.). (2013). **Developing the Core**. Champaign, IL: Human Kinetics. 224 pp.
- Norris, C. M. (2015). **Complete Guide to Stretching** (4ta. ed.). New York, NY: Bloomsbury Sports: An imprint of Bloomsbury Publishing Plc. 288 pp.
- O'Dell, S. (2012). **The Power Revolution: A Sports Performance Guide to Achieving Maximum Power**. Monterey, CA: Coaches Choice. 215 pp.
- Pratt, B. (2015). **The Complete Guide to Suspended Fitness Training**. New York, NY: Bloomsbury Sports: An imprint of Bloomsbury Publishing Plc. 176 pp.
- Page, P., & Ellenbecker, T. (2010). **Strength Band Training** (2da. ed.). Champaign, IL: Human Kinetics. 224 pp.
- Radcliffe, J. (2010). **Functional Training for Athletes at all Levels: Workouts for Agility, Speed and Power**. Berkeley, CA: Ulysses Press. 290 pp.
- Radcliffe, J., & Farentinos, R. (2015). **High-Powered Plyometrics** (2da. ed.). Champaign, IL: Human Kinetics. 200 pp.
- Randolph, D. (2015). **Ultimate Olympic Weightlifting: A Complete Guide to Barbell Lifts—from Beginner to Gold Medal**. Berkeley, CA: Ulysses Press. 160 pp.
- Ratamess, N. (2012). **ACSM's Foundations of Strength Training and Conditioning**. Philadelphia, PA: Wolters Kluwer/Lippincott Williams & Wilkins. 500 pp.

- Reiman, M. P., & Manske, R. C. (2009). ***Functional Testing in Human Performance***. Champaign, IL: Human Kinetics. 308 pp.
- Reuter, B. (Ed.). (2012). ***Developing Endurance***. Champaign, IL: Human Kinetics. 302 pp.
- Santana, J. C. (2016). ***Functional Training: Exercises and Programming for Training & Performance***. Champaign, IL: Human Kinetics. 288 pp.
- Schoenfeld, B. (2016). ***Science and Development of Muscle Hypertrophy***. Champaign, IL: Human Kinetics. 224 pp.
- Schoenfeld, B. (2016). ***Strong & Sculpted***. Champaign, IL: Human Kinetics. 224 pp.
- Smith, D. L. & Fernhall, Bo. (2011) ***Advanced Cardiovascular Exercise Physiology***. Champaign, IL: Human Kinetics. 240 pp.
- Thompson, J. (2015). ***Weighted Vest Workouts: Supercharge Your Workout for Weight Loss, Muscle Building, Cardio Endurance and Core Strength***. Berkeley, CA: Ulysses Press. 144 pp.
- Tumminello, N. (2016). ***Building Muscle and Performance***. Champaign, IL: Human Kinetics. 360 pp.
- Vanderburg, H. (2017). ***Fusion Workouts: Fitness, Yoga, Pilates, and Barre***. Champaign, IL: Human Kinetics. 304 pp.
- Vives, D. (2009a). Functional training circuits. En: ***National Strength and Conditioning Association. Clínica Caribeña NSCA 2009*** (28 y 29 de marzo de 2009). San Juan, Puerto Rico.
- Vives, D. (2009b). Active resistance. En: ***National Strength and Conditioning Association. Clínica Caribeña NSCA 2009*** (28 y 29 de marzo de 2009). San Juan, Puerto Rico.
- Westlake, L. (2010). ***La Técnica del Fitball: Desarrollo de Ejercicios***. Baladona, España: Editorial Paidotribo.
- Willardson, J. M. (Ed.). (2014). ***Developing the Core***. Champaign, IL: Human Kinetics. 215 pp.
- Winchester, M. (2015). ***Warrior WOD Trainer: Crush a Different Cross-Training Routine Every Day***. Berkeley, CA: Ulysses Press. 184 pp.
- Wilmore, J. H., & Costill, D. L. (2007). ***Fisiología del Esfuerzo y del Deporte*** (6ta. ed.). Barcelona, España: Editorial Paidotribo. 744 pp.

Yoke, M., & Kennedy, C. (2004). ***Functional Exercise Progressions***. Monterey, CA: Healthy Learning. 130 pp.

Zatsiorsky, V. M., & Kraemer, W. J. (2006). ***Science and Practice of Strength Training*** (2da. ed.). Champaign, Illinois: Human Kinetics Publishers, Inc. 264 pp.