

Contents

Foreword	ix
Mark D. Miller	
Preface: Ethics and the Sports Medicine Physician	xi
Stephen R. Thompson	
Fundamental Ethical Principles in Sports Medicine	195
Brian M. Devitt	
<p>In sports medicine, the practice of ethics presents many unique challenges because of the unusual clinical environment of caring for players within the context of a team whose primary goal is to win. Ethical issues frequently arise because a doctor-patient-team triad often replaces the traditional doctor-patient relationship. Conflict may exist when the team's priority clashes with or even replaces the doctor's obligation to player well-being. Customary ethical norms that govern most forms of clinical practice, such as autonomy and confidentiality, are not easily translated to sports medicine. Ethical principles and examples of how they relate to sports medicine are discussed.</p>	
Confidentiality in Sports Medicine	205
Dominic Malcolm	
<p>This article synthesizes existing literature to provide a summary of the ethical issues concerning patient confidentiality in sport. It outlines the medical principle of confidentiality and identifies cross-cultural ethicolegal variations that shape its implementation. Clinicians' multiple obligations, physical environments, and practice and policy contexts are discussed, and research detailing experiences of maintaining patient confidentiality in sport is reviewed. Policy recommendations for enhancing compliance with this ethical principle are summarized. It is argued that the context of sport exacerbates pressures on clinicians to break patient confidentiality, breaches occur regularly, and interventions are required to enhance ethical compliance in sports medicine.</p>	
Conflicts of Interest in Sports Medicine	217
Andrew M. Tucker	
<p>Conflict of interest is common in the practice of medicine, and likely more so in the practice of sports medicine at the highest levels of competition. Two areas where conflict of interest frequently manifest in sports medicine are confidentiality and clinical decision making. Confidentiality can be challenging by the team physician's dual responsibilities to the player-patient and the team. Clinical decision making, traditionally associated with a patient's long term health interests, can be complicated by short term interests rooted in pursuit of winning. These issues are reviewed, hopefully</p>	

to increase awareness in clinicians who find themselves in these unique situations.

Ethical Considerations for Analgesic Use in Sports Medicine

227

Matthew J. Matava

This article provides an overview of commonly used analgesics in athletes and the ethical implications of their use in athletic settings. Given the highly competitive nature of modern-day sports and the economic impact of athletic performance at elite levels, athletes feel more compelled than ever to play with injury, which has led to the widespread use of a variety of analgesic agents. An ethical dilemma often ensues for team physicians who must balance the medical implications of these drugs with pressure from players, coaches, and management. The most commonly used agents and their ethical and rational use are discussed.

Team Physicians, Sports Medicine, and the Law: An Update

245

Dionne L. Koller

The recognition of sports medicine and promulgation of practice guidelines for team physicians will push general medical malpractice standards to evolve into a more specialized standard of care for those who practice in this area. To the extent that practicing medicine in the sports context involves calculations that do not arise in typical medical practice, the sports medicine community can help elucidate those issues and create appropriate guidelines that can serve to inform athlete-patients and educate courts. Doing so will help best set the terms by which those who practice sports medicine are judged.

Concussion Ethics and Sports Medicine

257

Michael J. McNamee, Bradley Partridge, and Lynley Anderson

Despite considerable scientific dispute regarding the science of concussion, there has been a proliferation of position statements and professional guidelines published on sports concussion management over the last 15 years. A number of ethical and clinical problems associated with concussion management protocols remain concerning, (i) diagnosis and management; (ii) conflicts of interest and coercion; (iii) same day return to play; and (iv) reporting, auditing and confidentiality. These issues are critically discussed in the light of recent Consensus Statements. It is argued that the use of independent match day doctors may ameliorate some of these concerns.

Rethinking the Standard of Care in Treating Professional Athletes

269

Caroline Poma, Seth L. Sherman, Bradley Spence, Lawrence H. Brenner, and B. Sonny Bal

There is public discussion and debate about the role of the team physician in professional sports. There is uncertainty over whether a separate legal standard of care should apply when treating professional athletes. This article advocates a single standard of care for all patients. This article also proposes that it would be useful for team physicians to develop a consensus that there should be a health policy for professional athletes.

This health policy should aspire to assert that professional athletes can complete their career, while minimizing the risk of cognitive or physical injuries that affect later quality of life.

Understanding Eating Disorders in Elite Gymnastics: Ethical and Conceptual Challenges 275

Jacinta Oon Ai Tan, Raff Calitri, Andrew Bloodworth, and Michael J. McNamee

Eating disorders and disordered eating are more common in high performance sports than the general population, and particularly so in high performance aesthetic sports. This paper presents some of the conceptual difficulties in understanding and diagnosing eating disorders in high performance gymnasts. It presents qualitative and quantitative data from a study designed to ascertain the pattern of eating disorder symptoms, depressive symptoms and levels of self-esteem among national and international level gymnasts from the UK in the gymnastic disciplines of sport acrobatics, tumbling, and rhythmic gymnastics.

Ethics of Regulating Competition for Women with Hyperandrogenism 293

Silvia Camporesi

The International Association for Athletics Federations (IAAF) has been granted 2 years to submit further evidence showing a correlation between higher levels of testosterone and a competitive advantage. This article first presents the case of Caster Semenya, which triggered the drafting by IAAF of the regulations on eligibility of female athletes to compete in the female category in 2011. Then the IAAF regulations are critically analyzed from a scientific and ethical point of view. Finally, the Court of Arbitration for Sport decision to suspend the regulations pending further evidence provided by IAAF, and what this means for the future of sports, is discussed.

The Ethics of Sports Medicine Research 303

Robert J. Stewart and Bruce Reider

This article explores the background and foundations of ethics in research. Some important documents and codes are mentioned, such as The Belmont Report and the International Council for Harmonisation. Some influential historical events involving research ethics are recounted. The article provides a detailed discussion of the Declaration of Helsinki, which is considered the international standard for guidelines in medical research ethics. The most salient features of the Declaration are described and related to orthopaedic surgery and sports medicine. Some of the most controversial aspects of the Declaration are discussed, which helps examine contentious areas of research in sports medicine.

Index

315