Critical Decision Points 2.0 - Audience-Driven Management of Chest Pain in a Youth Soccer Player

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CEU Credits

1.25 hours Category A BOC CEUs

Description

"Decision Points 2.0" focuses on the management of acute chest pain. Through dynamic discussions, the session empowers the audience to make crucial decisions for the well-being of their athletes. The session commences with an authentic case scenario, enabling participants to select initial care steps and interventions, fostering an interactive learning experience. By actively involving the audience, critical thinking abilities are enhanced and deepen their comprehension of potential causes of chest pain in athletes. The differential diagnosis will be reviewed, emphasizing effective decision-making when confronted with acute chest pain.

Furthermore, a comprehensive summary of an actual case study solidifies the knowledge gained and exemplifies the practical application of decision-making. Following this, a reflective debriefing session encourages participants to contemplate decision points, rationale, and outcomes, fostering collaboration and the sharing of valuable insights. Finally, the session concludes with a thorough review of best practices and emergency care protocols, ensuring that athletic trainers and others are well-prepared to handle cardiac events.

Learning Objectives:

At the conclusion of this live webinar program, participants will be able to:

1. Identify appropriate initial care steps and interventions for a pediatric soccer athlete experiencing acute chest pain.
2. Apply effective decision-making skills when faced with acute chest pain in an athletic setting.
3. Enhance critical thinking abilities in evaluating potential causes of chest pain in athletes.
4. Analyze and interpret a detailed case study summary to reinforce knowledge and understanding.
5. Recognize and implement best practices and emergency care protocols for possible cardiac events in athletes.

Practice Gap:
Currently, there exists a clinical practice gap among athletic trainers and other healthcare professionals in the management of acute chest pain in athletes. This gap arises from a lack of standardized protocols, limited exposure to specialized cases, and a need for improved decision-making skills in time-sensitive situations. To bridge this gap, "Decision Points 2.0" provides a unique opportunity for interactive learning, enhancing critical thinking abilities and promoting a comprehensive understanding of the differential diagnosis process. By actively involving the audience and emphasizing best practices and emergency care protocols, this session aims to address the clinical practice gap and equip athletic trainers and other professionals with the necessary knowledge and skills to confidently manage acute chest pain in athletes.

Clinical Bottom Line:

The session emphasizes the critical importance of early activation of EMS for cardiac care in cases of acute chest pain. It addresses incident rates for commotio cordis and other cardiac events in the pediatric athlete population, highlighting the need for heightened awareness and preparedness. The session also underscores the significance of having appropriate emergency care equipment readily available for athletic trainers to ensure prompt and effective interventions. By reviewing best practices and emergency care protocols, this session equips athletic trainers and other professionals with the necessary knowledge and skills to confidently manage cardiac events. The clinical bottom line reinforces the essential steps of early EMS activation, understanding incident rates, ensuring equipment availability, and implementing best practices to optimize emergency care for athletes experiencing acute chest pain.

Summary Conclusions:

1. Through dynamic discussions and a realistic case scenario, participants actively make crucial decisions for the well-being of athletes experiencing acute chest pain.
2. The session enhances critical thinking skills, deepens comprehension of potential causes of chest pain in athletes, and emphasizes effective decision-making, ultimately leading to the identification of commotio cordis with ventricular tachycardia as the final diagnosis.
3. A comprehensive case study summary exemplifies the practical application of decision-making and reinforces knowledge gained, specifically highlighting the unique challenges and appropriate interventions for commotio cordis in athletes.

4. By reviewing best practices and emergency care protocols, the session ensures that athletic trainers and other professionals are well-prepared to handle cardiac events, addressing the clinical practice gap in acute chest pain management for athletes, particularly in cases of commotio cordis with ventricular tachycardia.

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