



Course Title	Applied Sport and Exercise Medicine: real-World Practice				
Course Code	DLSEH511				
Course type	Compulsory				
Level	Master				
Year / Semester of study	1 <sup>st</sup> /1 <sup>st</sup>				
Teacher's Name					
ECTS	10	Lectures / week		Laboratories/we ek	
Course Purpose	The course aims to provide comprehensive knowledge and practical skills in the field of sport medicine and applied exercise, focusing on practical applications through case studies and scenarios. Through an interdisciplinary approach, it intends to equip participants in topics covered by exercise science, ethical issues, legal aspects in sport medicine, medical emergency management at sporting events and risk management in an organizational context in sport.				
Learning Outcomes	<ul> <li>Upon completion of the course, students are expected to achieve the following learning outcomes:</li> <li>1. Advanced understanding of fundamental principles: <ul> <li>To recognize the fundamental principles of medicine, sport and applied exercise, combining critical analysis of theoretical and practical aspects.</li> </ul> </li> <li>2. Enhanced diagnostic skills: <ul> <li>Develop advanced diagnostic skills for the identification and monitoring of athletes' injuries, with emphasis on indicative practice bases and the inclusion of groundbreaking research.</li> </ul> </li> <li>3. Ethical and Legal Issues in Sports and Exercise Medicine:</li> </ul>				
				n indicative	
				:	
	•	Critically analyze synthesizing variou Interpret the legal sport, demonstrati landscapes. Demonstrate an ex responsibilities in t integrity and accou	is perspective frameworks g ng the abilit ktensive unde he field, with	es and theoretical f governing medical by to manage cor erstanding of ethic	rameworks. practices in nplex legal al and legal
	4. Emer	gency Management	in Sports Eve	ents/Organizations:	
	• by	Identify common er developing advance		-	





	<ul> <li>Assess common emergency scenarios in sports environments, developing advanced analytical and decision-making skills.</li> <li>Develop practical skills for immediate response to potential crises, focusing on strategic planning and effective crisis management.</li> <li>Formulate action plans and protocols for incidents in sports, incorporating best practices and innovative approaches.</li> </ul>
	<ul> <li>5. Cooperation and Communication:</li> <li>Enhance collaboration and communication skills with other health and sport professionals, promoting interdisciplinary</li> </ul>
	approaches and teamwork in a variety of settings.
	6. Crisis Management and Leadership:
	• Develop advanced skills in crisis management and leadership in sports settings and events, with an emphasis on strategic thinking, problem-solving and leadership effectiveness.
Prerequisites	Corequisites
Course Content	<ul> <li>This course offers an extensive and comprehensive training in the field of Sports Medicine and Exercise Health, covering a number of important topics and aspects of contemporary practice and theory. The main modules of the course include: <ol> <li>Introduction to Sports Medicine and Exercise Health: Examines the basic principles and application of Sports Medicine and Exercise Health, highlighting the historical importance of exercise as a means of promoting health and the need for an integrated approach to health.</li> <li>Legal and Ethical Aspects of Medical Care in Sport: Focuses on the legal and ethical aspects of sports medicine, including issues such as data privacy and ethical challenges in decision-making.</li> <li>Risk Management in the Sports Environment: Analyzes the identification, assessment and management of risks in sports, with application to real sports events.</li> <li>Ambush Marketing in Sports &amp; Service Quality Assurance: Examines Ambush Marketing and advertising strategies in sports, as well as the importance of regular exercise.</li> <li>Cardiac Screening &amp; Sudden Death: It deals with the prevention of sudden death through cardiac screening, analyzing aspects of heart health and the importance of regular exercise.</li> <li>Concussion, Dehydration and Thermal Diseases: Focuses on identifying and managing the risks of concussion, dehydration, and heat-related conditions in sports.</li> </ol> </li> </ul>





		understanding and application of the principles of Sports Medicine rcise Health.
Teaching Methodology	The course is structured and developed based on the principles of distance learning, good practices as well as the guidelines of the Evaluation Body and finally the Pedagogical Framework developed and implemented by our University. Also, through the design and development of distance learning courses, synchronous and asynchronous interaction, communication and collaboration are taken into account at 3 levels: 1) between instructor and student, 2) between students, and 3) between students and content. The course is taught entirely online through the electronic platform Moodle LMS. Mandatory, optional and additional bibliography (e.g. books, articles, links, open educational resources, case studies) in combination with notes, course presentations and suggestions for reading study (bibliography) are available to students through an electronic platform. Also, a variety of appropriate educational material is given through the online platform in the form of presentations with notes, presentations with narration, interactive presentations and videos, interactive learning scenarios, gamification activities, avatars, digital twins, audio files, online quizzes). Various online tools, new and emerging technologies are being exploited: communication tools (e.g. video conferencing, chat rooms), collaboration tools (e.g. discussion forums, blogs, wikis), as well as content development tools. Students are encouraged through the platform and various technological tools to interact with their fellow students and the instructor, in order to become active members of the online learning community created within the framework of the course. Finally, with the use of various technological tools, each student is expected to create his own online learning community. More information about distance learning at Frederick University, the Pedagogical Background developed and implemented, as well as the toolkit used, can be found at the following link.	
Bibliography	Module	, , ,
	1 (Week 1 - 2)	<ul> <li>Digital Multimedia Material</li> <li>Interactive presentation on Introduction to Sports Medicine and Exercise Health</li> <li>Video and link related to Exercise is medicine, American College of Sport Medicine and WHO: https://www.youtube.com/watch?v=AhvchRSofA4 https://exerciseismedicine.gr/h-protasi-exercise-is- medicine/ https://www.acsm.org https://www.who.int/publications/i/item/9789241514187</li> </ul>
		Articles/Conference Proceedings:





• Berryman, J. W. (2010). Exercise is medicine: A historical
<ul> <li>perspective. Current Sports Medicine Reports, 9(4), 195–201. https://doi.org/10.1249/JSR.0b013e3181e7d86d</li> <li>Ding, D., Lawson, K. D., Kolbe-Alexander, T. L., Finkelstein,</li> </ul>
E. A., Katzmarzyk, P. T., Mechelen, W. van, & Pratt, M. (2016). The economic burden of physical inactivity: A global analysis of major non-communicable diseases. <i>The Lancet</i> , <i>388</i> (10051), 1311–1324. https://doi.org/10.1016/S0140-6736(16)30383-X
• Global action plan on physical activity 2018–2030: More active people for a healthier world. (n.d.). Retrieved December 7, 2023, from https://www.who.int/publications-detail-redirect/9789241514187
<ul> <li>Lee, IM., Shiroma, E. J., Lobelo, F., Puska, P., Blair, S. N., &amp; Katzmarzyk, P. T. (2012). Effect of physical inactivity on major non-communicable diseases worldwide: An analysis of burden of disease and life expectancy. <i>The Lancet</i>, <i>380</i>(9838), 219–229. https://doi.org/10.1016/S0140- 6736(12)61031-9</li> </ul>
<ul> <li>Marino, K. R., Murphy, J. N., &amp; Culvenor, A. G. (2020). University of Nottingham, UK: Clinicians and non-clinicians can become a master of sport and exercise medicine (MSc) (continuing professional development series). British Journal of Sports Medicine, 54(11), 691–692. https://doi.org/10.1136/bjsports-2019-100967</li> </ul>
<ul> <li>Matheson, G. O., Klügl, M., Dvorak, J., Engebretsen, L., Meeuwisse, W. H., Schwellnus, M., Blair, S. N., Mechelen, W. van, Derman, W., Börjesson, M., Bendiksen, F., &amp; Weiler, R. (2011). Responsibility of sport and exercise medicine in preventing and managing chronic disease: Applying our knowledge and skill is overdue. <i>British Journal</i> of Sports Medicine, 45(16), 1272–1282. https://doi.org/10.1136/bjsports-2011-090328</li> </ul>
<ul> <li>Mattson, M. P. (2012). Evolutionary aspects of human exercise—Born to run purposefully. Ageing Research Reviews, 11(3), 347–352. https://doi.org/10.1016/j.arr.2012.01.007</li> </ul>
<ul> <li>McCrory, P. (2006). What is sports and exercise medicine? British Journal of Sports Medicine, 40(12), 955–957.</li> <li>Neunhaeuserer, D., Niebauer, J., Degano, G., Baioccato,</li> </ul>
V., Borjesson, M., Casasco, M., Bachl, N., Christodoulou, N., Steinacker, J. M., Papadopoulou, T., Pigozzi, F., & Ermolao, A. (2021). Sports and exercise medicine in Europe and the advances in the last decade. <i>British Journal of Sports Medicine</i> , <i>55</i> (20), 1122–1124.
<ul> <li>https://doi.org/10.1136/bjsports-2021-103983</li> <li>Sallis, R. E. (2009). Exercise is medicine and physicians need to prescribe it! <i>British Journal of Sports Medicine</i>, 43(1), 3–4. https://doi.org/10.1136/bjsm.2008.054825</li> <li>Singh, V., Pollard, K., Okasheh, R., Percival, J., &amp; Cramp, F. (2023). Understanding the role of allied health</li> </ul>





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	<ul> <li>professional support workers with exercise qualifications in the delivery of the NHS Long Term Plan within allied health professional services in England. <i>BMJ Open Sport &amp; Exercise Medicine</i>, 9(3), e001625. https://doi.org/10.1136/bmjsem-2023-001625</li> <li><u>Books:</u></li> <li>Brukner, P., &amp; Khan, K. (2019). Clinical Sports Medicine: The Medicine of Exercise 5e, Vol 2 (5th edition). McGraw Hill / Australia.</li> </ul>
	<ul> <li>Brukner, P., Khan, K., Clarsen, B., Cools, A., Crossley, K., Hutchinson, M., McCrory, P., Bahr, R., &amp; Cook, J. (2017). Brukner and Khans Clinical Sports Medicine Injuries, Volume 1 (5th edition). McGraw Hill / Australia.</li> </ul>
Module	Mandatory Bibliography
	<ul> <li>European Treaty Series-No. 135, n.d.</li> </ul>
2 (Week	<ul> <li>Henry, I. and Ko, LM., 2013. Routledge Handbook of Sport Policy. Routledge.</li> </ul>
3 - 4)	• Action 3: Unify and further develop international standards supporting sport ministers' interventions in the field of sport integrity (in correlation with the International Convention against Doping in Sport) Guidelines on sport integrity, n.d.
	Digital Multimedia Material
	<ul> <li>Ilo.org., 2021. Key documents. [online] Available at: https://www.ilo.org/dyn/normlex/en/f?p=NORMLEXPUB:61 :0::NO::: [Accessed 3 Dec. 2023].</li> </ul>
	<ul> <li>International Olympic Committee, 2021. Integrity. [online] Available at: https://olympics.com/ioc/code-of-ethics.</li> <li>Enlarged Partial Agreement on Sport (EPAS) Forum on</li> </ul>
	<ul> <li>Enlarged Partial Agreement on Sport (EPAS) Forum on Sport and Human Rights Focus on Data Protection, 2023.</li> <li>UN Global Compact, 2023. Homepage   UN global compact. [online] unglobalcompact.org. Available at: https://unglobalcompact.org/.</li> </ul>
	<ul> <li>Bodin, D. and Sempé, G. (n.d.). Ethics and sport in Europe. [online] Available at: https://rm.coe.int/ethics-and-sport-in- europe/16807349a1.</li> </ul>
	Articles
	<ul> <li>Anderson L. (2008). Contractual obligations and the sharing of confidential health information in sport. Journal of medical</li> </ul>
	<ul> <li>ethics, 34(9), e6. https://doi.org/10.1136/jme.2008.024794</li> <li>McNamee M. &amp; Phillips N. (2011). Confidentiality,</li> </ul>
	disclosure and doping in sports medicine. British Journal of Sports Medicine, 45, 174-177.
	<ul> <li>https://doi.org/10.1136/bjsm.2009.064253</li> <li>Greenfield, B. H., &amp; West, C. R. (2012). Ethical issues in sports medicine: a review and justification for ethical decision making and reasoning. Sports health, 4(6), 475–479. https://doi.org/10.1177/1941738112459327</li> </ul>
	1.0. https://doi.org/10.1111/10-1100112-00021





<ul> <li>Fabiano, J., 2021. Virtue Theory for Moral Enhancement. AJOB Neuroscience, 12(2-3), pp.89–102. doi:https://doi.org/10.1080/21507740.2021.1896598.</li> <li>Friedman, M.T., Parent, M.M. and Mason, D.S., 2004. Building a framework for issues management in sport through stakeholder theory. European Sport Management Quarterly, 4(3), pp.170–190. doi:https://doi.org/10.1080/16184740408737475.</li> <li>Tuakli-Wosornu, Y.A. and Kirby, S.L., 2022. Safeguarding Reimagined: Centering Athletes' Rights and Repositioning Para Sport to Chart a New Path. Frontiers in Psychology, 13. doi://https://doi.org/10.3389/fpsyg.2022.815038.</li> <li>Mandatory Bibliography Chapters from books:</li> </ul>
<ul> <li>Spengler, J. O., Connaughton, D., &amp; Pittman, A. T. (2006). Risk management in sport and recreation. Human Kinetics.</li> </ul>
Articles/Conference Proceedings:
<ul> <li>Fuller, C., &amp; Drawer, S. (2004). The application of risk management in sport. <i>Sports medicine</i>, <i>34</i>, 349-356.</li> <li>Toohey, K., &amp; Taylor, T. (2023). Mega events, fear, and risk: Terrorism at the Olympic Games. In <i>The Olympics</i> (pp. 329-343). Routledge.</li> <li>Leopkey, B., &amp; Parent, M. M. (2009). Risk management strategies by stakeholders in Canadian major sporting events. <i>Event Management</i>, <i>13</i>(3), 153-170.</li> <li>Leopkey, B., &amp; Parent, M. M. (2009). Risk management issues in large-scale sporting events: A stakeholder perspective. <i>European Sport Management Quarterly</i>, <i>9</i>(2), 187-208.</li> <li>Hanstad, D. V. (2012). Risk management in major sporting events: A participating national Olympic team's perspective. <i>Event Management</i>, <i>16</i>(3), 189-201.</li> </ul>
Mandatory Bibliography
Chapters from books:
<ul> <li>Tsiotsu, R. (2020). Sports Marketing. Broken Hill. (Ch. 13, pp: 579-645).</li> <li>Runia, P., Wahl, F., Geyer, O., Thewiben, Ch., (2014). Marketing: Processes and practices. Precursor. (Ch. 5, pp.: 326-329).</li> </ul>
<ul> <li>Alexandris, K., (2016). Management and Marketing Principles. Kyriakides Bros, Publications S.A. (Ch.15, pp.: 379-404)</li> <li><u>Books:</u></li> <li>Nufer, G. (2013). Ambush marketing in sports. Routledge.</li> <li>Louw, A. M. (2012). Ambush marketing &amp; the mega-event monopoly: How laws are abused to protect commercial rights to major sporting events. Springer Science &amp; Business Media.</li> </ul>



ΔΙΠΑΕ ΦΟΡΕΑΣ ΔΙΑΣΦΑΛΙΣΗΣ ΚΑΙ ΠΙΣΤΟΠΟΙΗΣΗΣ ΤΗΣ ΠΟΙΟΤΗΤΑΣ ΤΗΣ ΑΝΩΤΕΡΗΣ ΕΚΠΑΙΔΕΥΣΗΣ CYQAA THE CYPRUS AGENCY OF QUALITY ASSURANCE AND ACCREDITATION IN HIGHER EDUCATION



Articles/Conference Proceedings:
<ul> <li>Payne, M. (1998). Ambush marketing: The undeserved advantage. <i>Psychology &amp; Marketing</i>, <i>15</i>(4), 323-331.</li> <li>Macintosh, E., Nadeau, J., Seguin, B., O'Reilly, N., Bradish, C. L., &amp; Legg, D. (2012). The Role of Mega-Sports Event Interest in Sponsorship and Ambush Marketing Attitudes. <i>Sport Marketing Quarterly</i>, <i>21</i>(1).</li> <li>McKelvey, S., &amp; Grady, J. (2008). Sponsorship program protection strategies for special sport events: Are event organizers outmaneuvering ambush marketers?. <i>Journal of Sport Management</i>, <i>22</i>(5), 550-586.</li> <li>McKelvey, S., Sandler, D., &amp; Snyder, K. (2012). Sport participant attitudes toward ambush marketing: An exploratory study of ING New York City Marathon runners. <i>Sport Marketing Quarterly</i>, <i>21</i>(1), 7.</li> <li>Chadwick, S., &amp; Burton, N. (2011). The evolving sophistication of ambush marketing: A typology of strategies. <i>Thunderbird International Business Review</i>, <i>53</i>(6), 709-719.</li> <li>Alexandris, K., Dimitriadis, N., &amp; Kasiara, A. (2001). The behavioural consequences of perceived service quality: An exploratory study in the context of private fitness clubs in</li> </ul>
<ul> <li>Greece. European Sport Management Quarterly, 1(4), 280-299.</li> <li>Alexandris, K., Dimitriadis, N., &amp; Markata, D. (2002). Can perceptions of service quality predict behavioral intentions? An exploratory study in the hotel sector in Greece. Managing Service Quality: An International Journal, 12(4), 224-231.</li> <li>Alexandris, K., Zahariadis, P., Tsorbatzoudis, C., &amp; Grouios, G. (2004). An empirical investigation of the relationships among service quality, customer satisfaction and</li> </ul>
psychological commitment in a health club context. <i>European sport management quarterly</i> , <i>4</i> (1), 36-52.
<ul> <li>Theodorakis, N. D., &amp; Alexandris, K. (2013). Can service quality predict spectators' behavioral intentions in professional soccer?. In <i>Performance measurement and leisure management</i> (pp. 28-44). Routledge.</li> <li>Kang, G. D., Jame, J., &amp; Alexandris, K. (2002). Measurement of internal service quality: application of the SERVQUAL battery to internal service quality. <i>Managing Service Quality: An International Journal</i>, <i>12</i>(5), 278-291.</li> <li>Kouthouris, C., &amp; Alexandris, K. (2005). Can service quality predict customer satisfaction and behavioral intentions in the sport tourism industry? An application of the SERVQUAL model in an outdoors setting. <i>Journal of Sport &amp; Tourism</i>, <i>10</i>(2), 101-111.</li> </ul>





<ul> <li>Kelley, S. W., &amp; Turley, L. W. (2001). Consumer perceptions of service quality attributes at sporting events. <i>Journal of business research</i>, 54(2), 161-166.</li> <li>Shonk, D. J., &amp; Chelladurai, P. (2008). Service quality, satisfaction, and intent to return in event sport tourism. <i>Journal of sport management</i>, 22(5), 587-602.</li> <li>Yoshida, M., &amp; James, J. D. (2011). Service quality at missing dimension?. <i>Sport Management Review</i>, 14(1), 13-24.</li> <li>Tzetzis, G., Alexandris, K., &amp; Kapsampeli, S. (2014). Predicting visitors' satisfaction and behavioral intentions from service quality in the context of a small-scale outdoor sport event. International Journal of Event and Festival Management, 5(1), 4-21.</li> <li>Module</li> <li>Bibliography:         <ol> <li>Albert, C., Mittleman, M., Chae, C., Lee, I., Hennekens, C. &amp; Manson, J. (2000). Triggering of Sudden Death from Cardiac Causes by Vigorous Exertion. <i>The New England Journal of Medicine</i>, 334 (19), 1355-1361. doi: 10.1056/NEJM200011093431902. https://oce.ovid.com/article/00006024-200011090-00002</li> <li>VAN CAMP, STEVEN P., BLOOR, COLIN M, MUELLER, FREDERICK O; CANTU, ROBERT C; OLSON, HAROLD G., Nontraumatic sports death in high school and college athletes. Medicine &amp; Science in Sports &amp; Exercise 27(5):p 641-647, May 1995. https://journals.lww.com/acsm-masse/abstract/1995/D500/ontraumatic.sports. J. eathlet, in high. school. and.5.aspx</li> </ol> </li> <li>Anhuwalia, V. &amp; Chahal, N. (2023). Why does sudden cardiac death occur in elite athletes?. <i>Trends in Urology &amp; Mar's Health</i>, 14 (6), 31-33. doi: 10.1002/tre.943. DEN TO EXW https://oce.ovid.com/article/00005407-199607170-00032</li> <li>Peterson, D. F., Kucera, K., Thomas, L. C., Maleszewski, J., Siebert, D., Lopez-Anderson, M., Zigman, M., Schattenkerk, J., Harnon, K. G. &amp; Drezner, J. A (2021). Aetiology and incidence of sudden cardiac arrest and death in young compatitive athletes. Drozen, J. A. (2021). Aetiology and</li></ul>			
<ul> <li>Albert, C., Mittleman, M., Chae, C., Lee, I., Hennekens, C. &amp; Manson, J. (2000). Triggering of Sudden Death from Cardiac Causes by Vigorous Exertion. <i>The New England Journal of Medicine</i>, <i>343</i> (19), 1355-1361. doi: 10.1056/NEJM200011093431902. https://oce.ovid.com/article/00006024-200011090-00002</li> <li>VAN CAMP, STEVEN P.; BLOOR, COLIN M.; MUELLER, FREDERICK O.; CANTU, ROBERT C.; OLSON, HAROLD G Nontraumatic sports death in high school and college athletes. Medicine &amp; Science in Sports &amp; Exercise 27(5):p 641-647, May 1995. https://journals.lww.com/acsm:msse/abstract/1995/05000/nontraumatic sports death in high school and college athletes. Medicine &amp; Science in Sports &amp; Exercise 27(5):p 641-647, May 1995. https://journals.lww.com/acsm:msse/abstract/1995/05000/nontraumatic sports death in high school and.5.aspx</li> <li>Ahluwalia, V. &amp; Chahal, N. (2023). Why does sudden cardiac death occur in elite athletes?. <i>Trends in Urology &amp;; Men's Health</i>, <i>14</i> (6), 31-33. doi: 10.1002/tre.943. DEN TO EXW</li> <li>Maron, B., Shirani, J., Poliac, L., Mathenge, R., Roberts, W. &amp; Mueller, F. (1996). Sudden Death in Young Competitive Athletes. <i>JAMA Journal of the American Medical Association</i>, <i>276</i> (3), 199-204. DEN TO EXW https://oce.ovid.com/article/00005407-199607170-00032</li> <li>Peterson, D. F., Kucera, K., Thomas, L. C., Maleszewski, J., Siebert, D., Lopez-Anderson, M., Zigman, M., Schattenkerk, J., Harmon, K. G. &amp; Drezner, J. A. (2021). Aetiology and incidence of sudden cardiac arrest and death in young competitive athletes in the USA. <i>British Journal of Sports Medicine</i>, <i>55</i> (21), 1196-1203. doi: 10.1136/bjsports-2020-102666. https://oce.ovid.com/article/00002412-202111010-00007/relatedarticle=y</li> <li>ISKANDAR, EMAD G.<sup>1</sup>, THOMPSON, PAUL D.<sup>2</sup>. Exercise-Related Sudden Death due to an Unusual Coronary Artery Anomaly. Medicine &amp; Science in Sports &amp; Exercise 36(2):p 180-182, February 2004. J DOI: 10.1249/01.MSS.0000113685.89906.04</li> </ul>		<ul> <li>of service quality attributes at sporting events. Jour business research, 54(2), 161-166.</li> <li>Shonk, D. J., &amp; Chelladurai, P. (2008). Service of satisfaction, and intent to return in event tourism. Journal of sport management, 22(5), 587-60.</li> <li>Yoshida, M., &amp; James, J. D. (2011). Service qua sporting events: Is aesthetic quality a m dimension?. Sport Management Review, 14(1), 13-24.</li> <li>Tzetzis, G., Alexandris, K., &amp; Kapsampeli, S. (Predicting visitors' satisfaction and behavioral integrom service quality in the context of a small-scale of sport event. International Journal of Event and F Management, 5(1), 4-21.</li> </ul>	rnal of quality, sport 2. ality at nissing 4. (2014). entions utdoor
<ul> <li>Albert, C., Mittleman, M., Chae, C., Lee, I., Hennekens, C. &amp; Manson, J. (2000). Triggering of Sudden Death from Cardiac Causes by Vigorous Exertion. <i>The New England Journal of Medicine</i>, <i>343</i> (19), 1355-1361. doi: 10.1056/NEJM200011093431902. https://oce.ovid.com/article/00006024-200011090-00002</li> <li>VAN CAMP, STEVEN P.; BLOOR, COLIN M.; MUELLER, FREDERICK O.; CANTU, ROBERT C.; OLSON, HAROLD G Nontraumatic sports death in high school and college athletes. Medicine &amp; Science in Sports &amp; Exercise 27(5):p 641-647, May 1995. https://journals.lww.com/acsm:msse/abstract/1995/05000/nontraumatic sports death in high school and college athletes. Medicine &amp; Science in Sports &amp; Exercise 27(5):p 641-647, May 1995. https://journals.lww.com/acsm:msse/abstract/1995/05000/nontraumatic sports death in high school and.5.aspx</li> <li>Ahluwalia, V. &amp; Chahal, N. (2023). Why does sudden cardiac death occur in elite athletes?. <i>Trends in Urology &amp;; Men's Health</i>, <i>14</i> (6), 31-33. doi: 10.1002/tre.943. DEN TO EXW</li> <li>Maron, B., Shirani, J., Poliac, L., Mathenge, R., Roberts, W. &amp; Mueller, F. (1996). Sudden Death in Young Competitive Athletes. <i>JAMA Journal of the American Medical Association</i>, <i>276</i> (3), 199-204. DEN TO EXW https://oce.ovid.com/article/00005407-199607170-00032</li> <li>Peterson, D. F., Kucera, K., Thomas, L. C., Maleszewski, J., Siebert, D., Lopez-Anderson, M., Zigman, M., Schattenkerk, J., Harmon, K. G. &amp; Drezner, J. A. (2021). Aetiology and incidence of sudden cardiac arrest and death in young competitive athletes in the USA. <i>British Journal of Sports Medicine</i>, <i>55</i> (21), 1196-1203. doi: 10.1136/bjsports-2020-102666. https://oce.ovid.com/article/00002412-202111010-00007/relatedarticle=y</li> <li>ISKANDAR, EMAD G.<sup>1</sup>, THOMPSON, PAUL D.<sup>2</sup>. Exercise-Related Sudden Death due to an Unusual Coronary Artery Anomaly. Medicine &amp; Science in Sports &amp; Exercise 36(2):p 180-182, February 2004. J DOI: 10.1249/01.MSS.0000113685.89906.04</li> </ul>	Module	Bibliography:	
<ul> <li>C. &amp; Manson, J. (2000). Triggering of Sudden Death from Cardiac Causes by Vigorous Exertion. <i>The New England Journal of Medicine</i>, 343 (19), 1355-1361. doi: 10.1056/NEJM200011093431902. https://oce.ovid.com/article/0006024-200011090-00002</li> <li>VAN CAMP, STEVEN P.; BLOOR, COLIN M.; MUELLER, FREDERICK O.; CANTU, ROBERT C.; OLSON, HAROLD G., Nontraumatic sports death in high school and college athletes. Medicine &amp; Science in Sports &amp; Exercise 27(5):p 641-647, May 1995. https://journals.lww.com/acsmmsse/abstract/1995/05000/nontraumatic_sports_death_in_high_school_and.5.aspx</li> <li>Ahluwalia, V. &amp; Chahal, N. (2023). Why does sudden cardiac death occur in elite athletes?. <i>Trends in Urology &amp;; Men's Health</i>, 14 (6), 31-33. doi: 10.1002/tre.943. DEN TO EXW</li> <li>Maron, B., Shirani, J., Poliac, L., Mathenge, R., Roberts, W. &amp; Mueller, F. (1996). Sudden Death in Young Competitive Athletes. <i>JAMA Journal of the American Medical Association</i>, 276 (3), 199-204. DEN TO EXW</li> <li>Peterson, D. F., Kucera, K., Thomas, L. C., Maleszewski, J., Siebert, D., Lopez-Anderson, M., Zigman, M., Schattenkerk, J., Harmon, K. G. &amp; Drezner, J. A. (2021). Aetiology and incidence of sudden cardiac arrest and death in young competitive athletes in the USA. <i>British Journal of Sports Medicine</i>, 55 (21), 1196-1203. doi: 10.1136/bjsports-2020-102666. https://oce.ovid.com/article/00002412-202111010-000077relatedarticle=y</li> <li>ISKANDAR, EMAD G.<sup>1</sup>; THOMPSON, PAUL D.<sup>2</sup>. Exercise-Related Sudden Death due to an Unusual Coronary Artery Anomaly. Medicine &amp; Science in Sports &amp; Exercise 36(2):p 180-182, February 2004.   DOi: 10.1249/01.MSS.0000113685.89906.04</li> </ul>			kens,
<ul> <li>9 - 10)</li> <li>Journal of Medicine, 343 (19), 1355-1361. doi: 10.1056/NEJM200011093431902. https://oce.ovid.com/article/00006024-200011090-00002</li> <li>2. VAN CAMP, STEVEN P.; BLOOR, COLIN M.; MUELLER, FREDERICK O.; CANTU, ROBERT C.; OLSON, HAROLD G. Nontraumatic sports death in high school and college athletes. Medicine &amp; Science in Sports &amp; Exercise 27(5):p 641-647, May 1995. https://journals.lww.com/acsm- msse/abstract/1995/05000/nontraumatic_sports_death_in_ high_school_and.5.aspx</li> <li>3. Ahluwalia, V. &amp; Chahal, N. (2023). Why does sudden cardiac death occur in elite athletes?. <i>Trends in Urology &amp;; Men's Health</i>, 14 (6), 31-33. doi: 10.1002/tre.943. DEN TO EXW</li> <li>4. Maron, B., Shirani, J., Poliac, L., Mathenge, R., Roberts, W. &amp; Mueller, F. (1996). Sudden Death in Young Competitive Athletes. <i>JAMA Journal of the American Medical Association</i>, 276 (3), 199-204. DEN TO EXW https://oce.ovid.com/article/0005407-199607170-00032</li> <li>5. Peterson, D. F., Kucera, K., Thomas, L. C., Maleszewski, J., Siebert, D., Lopez-Anderson, M., Zigman, M., Schattenkerk, J., Harmon, K. G. &amp; Drezner, J. A. (2021). Aetiology and incidence of sudden cardiac arrest and death in young competitive athletes in the USA. <i>British Journal of Sports Medicine</i>, 55 (21), 1196-1203. doi: 10.1136/bjsports-2020-102666. https://oce.ovid.com/article/00002412-202111010- 00007?relatedarticle=y</li> <li>6. ISKANDAR, EMAD G.<sup>1</sup>; THOMPSON, PAUL D.<sup>2</sup>. Exercise- Related Sudden Death due to an Unusual Coronary Artery Anomaly. Medicine &amp; Science in Sports &amp; Exercise 36(2):p 180-182, February 2004. J DOI: 10.1249/01.MSS.0000113685.89906.04</li> </ul>	5		
<ul> <li>10.1056/NEJM200011093431902. https://oce.ovid.com/article/00006024-200011090-00002</li> <li>2. VAN CAMP, STEVEN P.; BLOOR, COLIN M.; MUELLER, FREDERICK O.; CANTU, ROBERT C.; OLSON, HAROLD G. Nontraumatic sports death in high school and college athletes. Medicine &amp; Science in Sports &amp; Exercise 27(5):p 641-647, May 1995. https://journals.lww.com/acsm- msse/abstract/1995/05000/nontraumatic_sports_death in high_school_and.5.aspx</li> <li>3. Ahluwalia, V. &amp; Chahal, N. (2023). Why does sudden cardiac death occur in elite athletes?. <i>Trends in Urology &amp;; Men's Health, 14</i> (6), 31-33. doi: 10.1002/tre.943. DEN TO EXW</li> <li>4. Maron, B., Shirani, J., Poliac, L., Mathenge, R., Roberts, W. &amp; Mueller, F. (1996). Sudden Death in Young Competitive Athletes. <i>JAMA Journal of the American Medical Association, 276</i> (3), 199-204. DEN TO EXW https://oce.ovid.com/article/00005407-199607170-00032</li> <li>5. Peterson, D. F., Kucera, K., Thomas, L. C., Maleszewski, J., Siebert, D., Lopez-Anderson, M., Zigman, M., Schattenkerk, J., Harmon, K. G. &amp; Drezner, J. A. (2021). Aetiology and incidence of sudden cardiac arrest and death in young competitive athletes in the USA. <i>British Journal of Sports Medicine, 55</i> (21), 1196-1203. doi: 10.1136/bjsports-2020-102666. https://oce.ovid.com/article/00002412-202111010- 00007?relatedarticle=<u>y</u></li> <li>6. ISKANDAR, EMAD G.<sup>1</sup>; THOMPSON, PAUL D.<sup>2</sup>. Exercise- Related Sudden Death due to an Unusual Coronary Artery Anomaly. Medicine &amp; Science in Sports &amp; Exercise 36(2):p 180-182, February 2004.   DOI: 10.1249/01.MSS.0000113685.89906.04</li> </ul>	(Week	Cardiac Causes by Vigorous Exertion. The New Engli	
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<ul> <li>msse/abstract/1995/05000/nontraumatic_sports_death_in_high_school_and.5.aspx</li> <li>Ahluwalia, V. &amp; Chahal, N. (2023). Why does sudden cardiac death occur in elite athletes?. <i>Trends in Urology &amp;; Men's Health, 14</i> (6), 31-33. doi: 10.1002/tre.943. DEN TO EXW</li> <li>Maron, B., Shirani, J., Poliac, L., Mathenge, R., Roberts, W. &amp; Mueller, F. (1996). Sudden Death in Young Competitive Athletes. <i>JAMA Journal of the American Medical Association, 276</i> (3), 199-204. DEN TO EXW https://oce.ovid.com/article/00005407-199607170-00032</li> <li>Peterson, D. F., Kucera, K., Thomas, L. C., Maleszewski, J., Siebert, D., Lopez-Anderson, M., Zigman, M., Schattenkerk, J., Harmon, K. G. &amp; Drezner, J. A. (2021). Aetiology and incidence of sudden cardiac arrest and death in young competitive athletes in the USA. <i>British Journal of Sports Medicine, 55</i> (21), 1196-1203. doi: 10.1136/bjsports-2020-102666. https://oce.ovid.com/article/00002412-202111010-00007?relatedarticle=y</li> <li>ISKANDAR, EMAD G.<sup>1</sup>; THOMPSON, PAUL D.<sup>2</sup>. Exercise-Related Sudden Death due to an Unusual Coronary Artery Anomaly. Medicine &amp; Science in Sports &amp; Exercise 36(2):p 180-182, February 2004.   DOI: 10.1249/01.MSS.0000113685.89906.04</li> </ul>			· / ·
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<ol> <li>Ahluwalia, V. &amp; Chahal, N. (2023). Why does sudden cardiac death occur in elite athletes?. <i>Trends in Urology &amp;; Men's Health, 14</i> (6), 31-33. doi: 10.1002/tre.943. DEN TO EXW</li> <li>Maron, B., Shirani, J., Poliac, L., Mathenge, R., Roberts, W. &amp; Mueller, F. (1996). Sudden Death in Young Competitive Athletes. <i>JAMA Journal of the American Medical Association, 276</i> (3), 199-204. DEN TO EXW https://oce.ovid.com/article/00005407-199607170-00032</li> <li>Peterson, D. F., Kucera, K., Thomas, L. C., Maleszewski, J., Siebert, D., Lopez-Anderson, M., Zigman, M., Schattenkerk, J., Harmon, K. G. &amp; Drezner, J. A. (2021). Aetiology and incidence of sudden cardiac arrest and death in young competitive athletes in the USA. <i>British Journal of Sports Medicine, 55</i> (21), 1196-1203. doi: 10.1136/bjsports-2020-102666. https://oce.ovid.com/article/00002412-202111010-00007?relatedarticle=y</li> <li>ISKANDAR, EMAD G.<sup>1</sup>; THOMPSON, PAUL D.<sup>2</sup>. Exercise-Related Sudden Death due to an Unusual Coronary Artery Anomaly. Medicine &amp; Science in Sports &amp; Exercise 36(2):p 180-182, February 2004.   DOI: 10.1249/01.MSS.0000113685.89906.04</li> </ol>			<u>ui iii</u>
<ul> <li>cardiac death occur in elite athletes?. <i>Trends in Urology &amp;;</i> <i>Men's Health, 14</i> (6), 31-33. doi: 10.1002/tre.943. DEN TO EXW</li> <li>Maron, B., Shirani, J., Poliac, L., Mathenge, R., Roberts, W. &amp; Mueller, F. (1996). Sudden Death in Young Competitive Athletes. <i>JAMA Journal of the American</i> <i>Medical Association, 276</i> (3), 199-204. DEN TO EXW <u>https://oce.ovid.com/article/00005407-199607170-00032</u></li> <li>Peterson, D. F., Kucera, K., Thomas, L. C., Maleszewski, J., Siebert, D., Lopez-Anderson, M., Zigman, M., Schattenkerk, J., Harmon, K. G. &amp; Drezner, J. A. (2021). Aetiology and incidence of sudden cardiac arrest and death in young competitive athletes in the USA. <i>British</i> <i>Journal of Sports Medicine, 55</i> (21), 1196-1203. doi: 10.1136/bjsports-2020-102666. <u>https://oce.ovid.com/article/00002412-202111010- 00007?relatedarticle=y</u></li> <li>ISKANDAR, EMAD G.<sup>1</sup>; THOMPSON, PAUL D.<sup>2</sup>. Exercise- Related Sudden Death due to an Unusual Coronary Artery Anomaly. Medicine &amp; Science in Sports &amp; Exercise 36(2):p 180-182, February 2004.   DOI: 10.1249/01.MSS.0000113685.89906.04</li> </ul>			h
<ul> <li>Men's Health, 14 (6), 31-33. doi: 10.1002/tre.943. DEN TO EXW</li> <li>Maron, B., Shirani, J., Poliac, L., Mathenge, R., Roberts, W. &amp; Mueller, F. (1996). Sudden Death in Young Competitive Athletes. JAMA Journal of the American Medical Association, 276 (3), 199-204. DEN TO EXW https://oce.ovid.com/article/00005407-199607170-00032</li> <li>Peterson, D. F., Kucera, K., Thomas, L. C., Maleszewski, J., Siebert, D., Lopez-Anderson, M., Zigman, M., Schattenkerk, J., Harmon, K. G. &amp; Drezner, J. A. (2021). Aetiology and incidence of sudden cardiac arrest and death in young competitive athletes in the USA. British Journal of Sports Medicine, 55 (21), 1196-1203. doi: 10.1136/bjsports-2020-102666. https://oce.ovid.com/article/00002412-202111010- 00007?relatedarticle=y</li> <li>ISKANDAR, EMAD G.<sup>1</sup>; THOMPSON, PAUL D.<sup>2</sup>. Exercise- Related Sudden Death due to an Unusual Coronary Artery Anomaly. Medicine &amp; Science in Sports &amp; Exercise 36(2):p 180-182, February 2004.   DOI: 10.1249/01.MSS.0000113685.89906.04</li> </ul>			
<ul> <li>4. Maron, B., Shirani, J., Poliac, L., Mathenge, R., Roberts, W. &amp; Mueller, F. (1996). Sudden Death in Young Competitive Athletes. <i>JAMA Journal of the American</i> <i>Medical Association</i>, <i>276</i> (3), 199-204. DEN TO EXW <u>https://oce.ovid.com/article/00005407-199607170-00032</u></li> <li>5. Peterson, D. F., Kucera, K., Thomas, L. C., Maleszewski, J., Siebert, D., Lopez-Anderson, M., Zigman, M., Schattenkerk, J., Harmon, K. G. &amp; Drezner, J. A. (2021). Aetiology and incidence of sudden cardiac arrest and death in young competitive athletes in the USA. <i>British</i> <i>Journal of Sports Medicine</i>, <i>55</i> (21), 1196-1203. doi: 10.1136/bjsports-2020-102666. <u>https://oce.ovid.com/article/00002412-202111010-00007?relatedarticle=y</u></li> <li>6. ISKANDAR, EMAD G.<sup>1</sup>; THOMPSON, PAUL D.<sup>2</sup>. Exercise- Related Sudden Death due to an Unusual Coronary Artery Anomaly. Medicine &amp; Science in Sports &amp; Exercise 36(2):p 180-182, February 2004.   DOI: 10.1249/01.MSS.0000113685.89906.04</li> </ul>			<b>-</b>
<ul> <li>W. &amp; Mueller, F. (1996). Sudden Death in Young Competitive Athletes. JAMA Journal of the American Medical Association, 276 (3), 199-204. DEN TO EXW https://oce.ovid.com/article/00005407-199607170-00032</li> <li>5. Peterson, D. F., Kucera, K., Thomas, L. C., Maleszewski, J., Siebert, D., Lopez-Anderson, M., Zigman, M., Schattenkerk, J., Harmon, K. G. &amp; Drezner, J. A. (2021). Aetiology and incidence of sudden cardiac arrest and death in young competitive athletes in the USA. British Journal of Sports Medicine, 55 (21), 1196-1203. doi: 10.1136/bjsports-2020-102666. https://oce.ovid.com/article/00002412-202111010- 00007?relatedarticle=y</li> <li>6. ISKANDAR, EMAD G.<sup>1</sup>; THOMPSON, PAUL D.<sup>2</sup>. Exercise- Related Sudden Death due to an Unusual Coronary Artery Anomaly. Medicine &amp; Science in Sports &amp; Exercise 36(2):p 180-182, February 2004.   DOI: 10.1249/01.MSS.0000113685.89906.04</li> </ul>		EXW	
<ul> <li>Competitive Athletes. JAMA Journal of the American Medical Association, 276 (3), 199-204. DEN TO EXW https://oce.ovid.com/article/00005407-199607170-00032</li> <li>Peterson, D. F., Kucera, K., Thomas, L. C., Maleszewski, J., Siebert, D., Lopez-Anderson, M., Zigman, M., Schattenkerk, J., Harmon, K. G. &amp; Drezner, J. A. (2021). Aetiology and incidence of sudden cardiac arrest and death in young competitive athletes in the USA. British Journal of Sports Medicine, 55 (21), 1196-1203. doi: 10.1136/bjsports-2020-102666. https://oce.ovid.com/article/00002412-202111010- 00007?relatedarticle=y</li> <li>ISKANDAR, EMAD G.<sup>1</sup>; THOMPSON, PAUL D.<sup>2</sup>. Exercise- Related Sudden Death due to an Unusual Coronary Artery Anomaly. Medicine &amp; Science in Sports &amp; Exercise 36(2):p 180-182, February 2004.   DOI: 10.1249/01.MSS.0000113685.89906.04</li> </ul>			oberts,
<ul> <li>Medical Association, 276 (3), 199-204. DEN TO EXW https://oce.ovid.com/article/00005407-199607170-00032</li> <li>5. Peterson, D. F., Kucera, K., Thomas, L. C., Maleszewski, J., Siebert, D., Lopez-Anderson, M., Zigman, M., Schattenkerk, J., Harmon, K. G. &amp; Drezner, J. A. (2021). Aetiology and incidence of sudden cardiac arrest and death in young competitive athletes in the USA. <i>British</i> <i>Journal of Sports Medicine, 55</i> (21), 1196-1203. doi: 10.1136/bjsports-2020-102666. https://oce.ovid.com/article/00002412-202111010- 00007?relatedarticle=y</li> <li>6. ISKANDAR, EMAD G.<sup>1</sup>; THOMPSON, PAUL D.<sup>2</sup>. Exercise- Related Sudden Death due to an Unusual Coronary Artery Anomaly. Medicine &amp; Science in Sports &amp; Exercise 36(2):p 180-182, February 2004.   DOI: 10.1249/01.MSS.0000113685.89906.04</li> </ul>			
<ul> <li>https://oce.ovid.com/article/00005407-199607170-00032</li> <li>5. Peterson, D. F. , Kucera, K. , Thomas, L. C. , Maleszewski, J. , Siebert, D. , Lopez-Anderson, M. , Zigman, M. , Schattenkerk, J. , Harmon, K. G. &amp; Drezner, J. A. (2021). Aetiology and incidence of sudden cardiac arrest and death in young competitive athletes in the USA. <i>British Journal of Sports Medicine, 55</i> (21), 1196-1203. doi: 10.1136/bjsports-2020-102666. https://oce.ovid.com/article/00002412-202111010-00007?relatedarticle=y</li> <li>6. ISKANDAR, EMAD G.<sup>1</sup>; THOMPSON, PAUL D.<sup>2</sup>. Exercise-Related Sudden Death due to an Unusual Coronary Artery Anomaly. Medicine &amp; Science in Sports &amp; Exercise 36(2):p 180-182, February 2004.   DOI: 10.1249/01.MSS.0000113685.89906.04</li> </ul>			
<ul> <li>5. Peterson, D. F., Kucera, K., Thomas, L. C., Maleszewski, J., Siebert, D., Lopez-Anderson, M., Zigman, M., Schattenkerk, J., Harmon, K. G. &amp; Drezner, J. A. (2021). Aetiology and incidence of sudden cardiac arrest and death in young competitive athletes in the USA. <i>British Journal of Sports Medicine, 55</i> (21), 1196-1203. doi: 10.1136/bjsports-2020-102666. https://oce.ovid.com/article/00002412-202111010-00007?relatedarticle=y</li> <li>6. ISKANDAR, EMAD G.<sup>1</sup>; THOMPSON, PAUL D.<sup>2</sup>. Exercise-Related Sudden Death due to an Unusual Coronary Artery Anomaly. Medicine &amp; Science in Sports &amp; Exercise 36(2):p 180-182, February 2004.   DOI: 10.1249/01.MSS.0000113685.89906.04</li> </ul>			
<ul> <li>J., Siebert, D., Lopez-Anderson, M., Zigman, M., Schattenkerk, J., Harmon, K. G. &amp; Drezner, J. A. (2021). Aetiology and incidence of sudden cardiac arrest and death in young competitive athletes in the USA. <i>British</i> <i>Journal of Sports Medicine, 55</i> (21), 1196-1203. doi: 10.1136/bjsports-2020-102666. <u>https://oce.ovid.com/article/00002412-202111010-</u> <u>00007?relatedarticle=y</u></li> <li>ISKANDAR, EMAD G.<sup>1</sup>; THOMPSON, PAUL D.<sup>2</sup>. Exercise- Related Sudden Death due to an Unusual Coronary Artery Anomaly. Medicine &amp; Science in Sports &amp; Exercise 36(2):p 180-182, February 2004.   DOI: 10.1249/01.MSS.0000113685.89906.04</li> </ul>			
<ul> <li>Schattenkerk, J., Harmon, K. G. &amp; Drezner, J. A. (2021). Aetiology and incidence of sudden cardiac arrest and death in young competitive athletes in the USA. <i>British</i> <i>Journal of Sports Medicine</i>, <i>55</i> (21), 1196-1203. doi: 10.1136/bjsports-2020-102666. <u>https://oce.ovid.com/article/00002412-202111010-</u> <u>00007?relatedarticle=y</u></li> <li>ISKANDAR, EMAD G.<sup>1</sup>; THOMPSON, PAUL D.<sup>2</sup>. Exercise- Related Sudden Death due to an Unusual Coronary Artery Anomaly. Medicine &amp; Science in Sports &amp; Exercise 36(2):p 180-182, February 2004.   DOI: 10.1249/01.MSS.0000113685.89906.04</li> </ul>			GWSKI,
<ul> <li>Aetiology and incidence of sudden cardiac arrest and death in young competitive athletes in the USA. <i>British Journal of Sports Medicine</i>, <i>55</i> (21), 1196-1203. doi: 10.1136/bjsports-2020-102666. https://oce.ovid.com/article/00002412-202111010-00007?relatedarticle=y</li> <li>ISKANDAR, EMAD G.<sup>1</sup>; THOMPSON, PAUL D.<sup>2</sup>. Exercise-Related Sudden Death due to an Unusual Coronary Artery Anomaly. Medicine &amp; Science in Sports &amp; Exercise 36(2):p 180-182, February 2004.   DOI: 10.1249/01.MSS.0000113685.89906.04</li> </ul>			)21).
<ul> <li>death in young competitive athletes in the USA. <i>British</i> <i>Journal of Sports Medicine</i>, 55 (21), 1196-1203. doi: 10.1136/bjsports-2020-102666. <u>https://oce.ovid.com/article/00002412-202111010-</u> 00007?relatedarticle=y</li> <li>6. ISKANDAR, EMAD G.<sup>1</sup>; THOMPSON, PAUL D.<sup>2</sup>. Exercise- Related Sudden Death due to an Unusual Coronary Artery Anomaly. Medicine &amp; Science in Sports &amp; Exercise 36(2):p 180-182, February 2004.   DOI: 10.1249/01.MSS.0000113685.89906.04</li> </ul>			
<ul> <li>Journal of Sports Medicine, 55 (21), 1196-1203. doi: 10.1136/bjsports-2020-102666. https://oce.ovid.com/article/00002412-202111010- 00007?relatedarticle=y</li> <li>6. ISKANDAR, EMAD G.<sup>1</sup>; THOMPSON, PAUL D.<sup>2</sup>. Exercise- Related Sudden Death due to an Unusual Coronary Artery Anomaly. Medicine &amp; Science in Sports &amp; Exercise 36(2):p 180-182, February 2004.   DOI: 10.1249/01.MSS.0000113685.89906.04</li> </ul>			
<ul> <li>10.1136/bjsports-2020-102666. https://oce.ovid.com/article/00002412-202111010- 00007?relatedarticle=y</li> <li>6. ISKANDAR, EMAD G.<sup>1</sup>; THOMPSON, PAUL D.<sup>2</sup>. Exercise- Related Sudden Death due to an Unusual Coronary Artery Anomaly. Medicine &amp; Science in Sports &amp; Exercise 36(2):p 180-182, February 2004.   DOI: 10.1249/01.MSS.0000113685.89906.04</li> </ul>			
<ul> <li>https://oce.ovid.com/article/00002412-202111010- 00007?relatedarticle=y</li> <li>ISKANDAR, EMAD G.<sup>1</sup>; THOMPSON, PAUL D.<sup>2</sup>. Exercise- Related Sudden Death due to an Unusual Coronary Artery Anomaly. Medicine &amp; Science in Sports &amp; Exercise 36(2):p 180-182, February 2004.   DOI: 10.1249/01.MSS.0000113685.89906.04</li> </ul>			
<ol> <li>ISKANDAR, EMAD G.<sup>1</sup>; THOMPSON, PAUL D.<sup>2</sup>. Exercise- Related Sudden Death due to an Unusual Coronary Artery Anomaly. Medicine &amp; Science in Sports &amp; Exercise 36(2):p 180-182, February 2004.   DOI: 10.1249/01.MSS.0000113685.89906.04</li> </ol>			
Related Sudden Death due to an Unusual Coronary Artery Anomaly. Medicine & Science in Sports & Exercise 36(2):p 180-182, February 2004.   DOI: 10.1249/01.MSS.0000113685.89906.04			
Anomaly. Medicine & Science in Sports & Exercise 36(2):p 180-182, February 2004.   DOI: 10.1249/01.MSS.0000113685.89906.04			
180-182, February 2004.   DOI: 10.1249/01.MSS.0000113685.89906.04			
10.1249/01.MSS.0000113685.89906.04			6(2):p
nups://journals.lww.com/acsm-			
		mups://journais.iww.com/acsm-	



	msse/fulltext/2004/02000/exercise_related_sudden_death
7.	due to an unusual.2.aspx Fletcher GF, Balady G, Blair SN, Blumenthal J, Caspersen C, Chaitman B, Epstein S, Sivarajan Froelicher ES, Froelicher VF, Pina IL, Pollock ML. Statement on exercise: benefits and recommendations for physical activity programs for all Americans. A statement for health professionals by the Committee on Exercise and Cardiac
8.	Rehabilitation of the Council on Clinical Cardiology, American Heart Wasfy MM, Hutter AM, Weiner RB. Sudden Cardiac Death in Athletes. Methodist Debakey Cardiovasc J. 2016 Apr- Jun; 12(2):76-80. doi: 10.14797/mdcj-12-2-76. PMID: 27486488; PMCID: PMC4969030.
9.	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4969030/ Parker ED, Schmitz KH, Jacobs DR Jr, Dengel DR, Schreiner PJ. Physical activity in young adults and incident hypertension over 15 years of follow-up: the CARDIA study. Am J Public Health. 2007 Apr; 97(4):703-9. doi: 10.2105/AJPH.2004.055889. Epub 2007 Feb 28. PMID: 17329668; PMCID: PMC1829365.
10.	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1829365/pd f/0970703.pdf Harmon, K. G., Drezner, J. A., Wilson, M. G., & Sharma, S. (2014). Incidence of sudden cardiac death in athletes: a state-of-the-art review. Heart, 100(16), 1227-1234. (APA STYLE) HARVARD STYLE: Harmon, K.G., Drezner, J.A., Wilson, M.G. and Sharma, S., 2014. Incidence of
	sudden cardiac death in athletes: a state-of-the-art review. Heart, 100(16), pp.1227-1234. https://scholar.google.com/scholar_lookup?journal=Br+J+S ports+Med&title=Incidence+of+sudden+cardiac+death+in+ athletes:+a+state-of-the- art+review&volume=48&issue=15&publication_year=2014 +Aug&pages=1185-92&pmid=24963027&
	Kim, J. H., Malhotra, R., Chiampas, G., d'Hemecourt, P., Troyanos, C., Cianca, J., & Baggish, A. L. (2012). Cardiac arrest during long-distance running races. New England Journal of Medicine, 366(2), 130-140. (APA) Harvard Style: Kim, J.H., Malhotra, R., Chiampas, G., d'Hemecourt, P., Troyanos, C., Cianca, J., Smith, R.N., Wang, T.J., Roberts, W.O., Thompson, P.D. and Baggish, A.L., 2012. Cardiac arrest during long-distance running
12.	races. <i>New England Journal of Medicine</i> , 366(2), pp.130- 140. https://www.nejm.org/doi/full/10.1056/NEJMoa1106468 Chugh, S. S., & Weiss, J. B. (2015). Sudden cardiac death in the older athlete. Journal of the American College of Cardiology, 65(5), 493-502. https://www.sciencedirect.com/science/article/pii/S0735109 714071770



14. 15. 16. 17. 18.	Corrado, D., Pelliccia, A., Bjørnstad, H. H., Vanhees, L., Biff, A., Borjesson, M., & Thiene, G. (2005). Cardiovascular pre-participation screening of young competitive athletes for prevention of sudden death: proposal for a common European protocol: consensus statement of the Study Group of Sport Cardiology of the Working Group of Cardiac Rehabilitation and Exercise Physiology and the Working Group of Myocardial and Pericardial Diseases of the European Society of Cardiology. European heart journal, 26(5), 516-524. Harmon, K. G., Asif, I. M., Maleszewski, J. J., Owens, D. S., Prutkin, J. M., Salerno, J. C., & Drezner, J. A. (2015). Incidence, cause, and comparative frequency of sudden cardiac death in national collegiate athletic association athletes: a decade in review. Circulation, 132(1), 10-19. https://www.ahajournals.org/doi/pdf/10.1161/CIRCULATIO NAHA.115.015431 Holst, A. G., Winkel, B. G., Theilade, J., Kristensen, I. B., Thomsen, J. L., Ottesen, G. L., & Tfelt-Hansen, J. (2010). Incidence and etiology of sports-related sudden cardiac death in Denmark—implications for preparticipation screening. Heart rhythm, 7(10), 1365-1371. Corrado D, Basso C, Rizzoli G, Schiavon M, Thiene G. Does sports activity enhance the risk of sudden death in adolescents and young adults? J Am Coll Cardiol. 2003 Dec 3; 42(11):1959-63. doi: 10.1016/j.jacc.2003.03.002. PMID: 14662259. https://www.sciencedirect.com/science/article/pii/S0735109 70301194X?via%3Dihub Maron, B. J., Epstein, S. E., & Roberts, W. C. (1986). Causes of sudden death in competitive athletes. Journal of the American College of Cardiology, 7(1), 204-214. Bille, K., Figueiras, D., Schamasch, P., Kappenberger, L., Brenner, J. I., Meijboom, F. J., & Meijboom, E. J. (2006). Sudden cardiac death in athletes: the Lausanne Recommendations. European Journal of Preventive Cardiology, 13(6), 859-875. https://scholar.google.com/scholar_lookup?journal=Eur+J+ Cardiovasc+Prev+Rehabil&title=Sudden+cardiac+death+in +athletes:+the+Lausanne+Recommendations&volume=13
	ear=2014+May+1&pages=1567-73&pmid=24641963&



	<ol> <li>Drezner, J. A., Ackerman, M. J., Anderson, J., Ashley, E., Asplund, C. A., Baggish, A. L., &amp; Wilson, M. G. (2013). Electrocardiographic interpretation in athletes: the 'Seattle criteria'. British journal of sports medicine, 47(3), 122-124. https://scholar.google.com/scholar_lookup?journal=Br+J+S ports+Med&amp;title=Electrocardiographic+interpretation+in+at hletes:+the+%E2%80%98Seattle+criteria%E2%80%99&amp;vo lume=47&amp;issue=3&amp;publication_year=2013+Feb&amp;pages=12 2-4&amp;pmid=23303758&amp;</li> <li>Levine, B. D. (2014). Can intensive exercise harm the heart? The benefits of competitive endurance training for cardiovascular structure and function. Circulation, 130(12), 987-991. https://scholar.google.com/scholar_lookup?journal=Circula tion&amp;title=Can+intensive+exercise+harm+the+heart?+The +benefits+of+competitive+endurance+training+for+cardiov ascular+structure+and+function&amp;volume=130&amp;issue=12&amp;p ublication_year=2014+Sep+16&amp;pages=987- 91&amp;pmid=25223769&amp;</li> <li>Williams, P. T., &amp; Thompson, P. D. (2014, September). Increased cardiovascular disease mortality associated with excessive exercise in heart attack survivors. In Mayo Clinic Proceedings (Vol. 89, No. 9, pp. 1187-1194). Elsevier. https://scholar.google.com/scholar_lookup?journal=Mayo+ Clin+Proc&amp;title=Increased+cardiovascular+disease+mortal ity+associated+with+excessive+exercise+in+heart+attack+ survivors&amp;volume=89&amp;issue=9&amp;publication_year=2014+S ep&amp;pages=1187-94&amp;pmid=25128072&amp;</li> <li>Asif IM, Johnson S, Schmieg J, Smith T, Rao AL, Harmon KG, Salerno JC, Drezner JA. The psychological impact of cardiovascular screening: the athlete's perspective. Br J Sports Med. 2014 Aug; 48(15):1162-6. doi: 10.1136/bjsports-2014-093500. Epub 2014 May 13. PMID: 24825853. https://pubmed.ncbi.nlm.nih.gov/24825853/</li> <li>Hill B, Grubic N, Williamson M, et alDoes cardiovascular preparticipation screening cause psychological distress in athletes? A systematic reviewBritish Journal of Sports Medicine 2023;57:172-178.</li> </ol>
Module	Digital Material:
6	What is a concussion: <u>https://youtu.be/Sno_0Jd8GuA</u>
	Concussion/Traumatic brain injury:
(Week	https://www.youtube.com/watch?v=55u5lvx31og
11 - 12)	What happens when you have a concussion (how
	dangerous are concussions, how does a concussion affect
	<ul> <li>the brain, symptoms, healing):</li> <li><u>https://youtu.be/xvjK-4NXRsM</u></li> </ul>
	<ul> <li>How concussion affects the brain:</li> </ul>
	https://www.youtube.com/watch?v=q91C2N9D-Kk





Biblio	graphy:
1.	Makdissi M, Schneider KJ, Feddermann-Demont N, Guskiewicz KM, Hinds S, Leddy JJ, McCrea M, Turner M, Johnston KM. Approach to investigation and treatment of persistent symptoms following sport-related concussion: a systematic review. Br J Sports Med. 2017 Jun; 51(12):958- 968. doi: 10.1136/bjsports-2016-097470. Epub 2017 May 8. PMID: 28483928. https://pubmed.ncbi.nlm.nih.gov/28483928/
2.	SCATS 5 (Sport Concussion Assessment Tool) - BJSM
	Online First, published on April 26, 2017 as
	10.1136/bjsports-2017-097492childscat5
3.	Exercise and Fluid Replacement. Medicine & Science in Sports & Exercise 39(2):p 377-390, February 2007.   DOI: 10.1249/mss.0b013e31802ca597 <u>https://journals.lww.com/acsm-</u> <u>msse/Fulltext/2007/02000/Exercise_and_Fluid_Replaceme</u>
4.	<u>nt.22.aspx</u> Almond, C. S., Shin, A. Y., Fortescue, E. B., Mannix, R. C., Wypij, D., Binstadt, B. A., Duncan, C. N., Olson, D. P., Salerno, A. E., Newburger, J. W. & Greenes, D. S. (2005). Hyponatremia among Runners in the Boston
5	Marathon. The New England Journal of Medicine, 352 (15), 1550-1556. doi: 10.1056/NEJMoa043901. <u>https://oce.ovid.com/article/00006024-200504140-00007</u> DON'T HAVE THE PAPER Namineni, N., Potok, O., Ix, J., Ginsberg, C., Negoianu,
5.	D., Rifkin, D. & Garimella, P. (2022). Marathon Runners' Knowledge and Strategies for Hydration. Clinical Journal of Sport Medicine, 32 (5), 517-522. doi: 10.1097/JSM.00000000000990. <u>https://oce.ovid.com/article/00042752-202209000-</u> 00012?relatedarticle=y DON'T HAVE THE PAPER
6.	BAKER, LINDSAY B.1; MUNCE, THAYNE A.1,2; KENNEY, W LARRY1. Sex Differences in Voluntary Fluid Intake by Older Adults during Exercise. Medicine & Science in Sports & Exercise 37(5):p 789-796, May 2005.   DOI: 10.1249/01.MSS.0000162622.78487.9C https://journals.lww.com/acsm-
7.	<u>msse/fulltext/2005/05000/sex_differences_in_voluntary_flu</u> <u>id_intake_by_older.13.aspx</u> CARTER, ROBERT III1; CHEUVRONT, SAMUEL N.1; WILLIAMS, JEFFREY O.2; KOLKA, MARGARET A.1;
	STEPHENSON, LOU A.1; SAWKA, MICHAEL N.1; AMOROSO, PAUL J.1. Epidemiology of Hospitalizations and Deaths from Heat Illness in Soldiers. Medicine & Science in Sports & Exercise 37(8):p 1338-1334, August 2005.   DOI: 10.1249/01.mss.0000174895.19639.ed https://journals.lww.com/acsm- msse/fulltext/2005/08000/epidemiology_of_hospitalizations _and_deaths_from.13.aspx





	8.	WELSH, RALPH S.; MARK DAVIS, J.; BURKE, JEAN R.;
		WILLIAMS, HARRIET G Carbohydrates and
		physical/mental performance during intermittent exercise to
		fatigue. Medicine & Science in Sports & Exercise 34(4):p
		723-731, April 2002. https://journals.lww.com/acsm-
		msse/fulltext/2002/04000/carbohydrates_and_physical_me
		ntal_performance.25.aspx
	9.	SHIRREFFS, SUSAN M.; TAYLOR, ANDY J.; LEIPER,
		JOHN B.; MAUGHAN, RONALD J Post-exercise
		rehydration in man: effects of volume consumed and drink
		sodium content. Medicine & Science in Sports & Exercise
		28(10):p 1260-1271, October 1996.
		https://journals.lww.com/acsm-
		msse/fulltext/1996/10000/post exercise rehydration in m
		an effects of.9.aspx
	10.	Marshall CM. Sports-related concussion: A narrative
		review of the literature. J Can Chiropr Assoc. 2012 Dec;
		56(4):299-310. PMID: 23204574; PMCID: PMC3501917.
		https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3501917/
	11	
	11.	Herring SA, Cantu RC, Guskiewicz KM, Putukian M, Kibler
		WB, Bergfeld JA, Boyajian-O'Neill LA, Franks RR, Indelicato PA; American College of Sports Medicine.
		Concussion (mild traumatic brain injury) and the team
		physician: a consensus statement2011 update. Med Sci
		Sports Exerc. 2011 Dec; 43(12):2412-22. doi:
		10.1249/MSS.0b013e3182342e64. PMID: 22089299.
		https://pubmed.ncbi.nlm.nih.gov/22089299/
	12	Broglio SP, Ferrara MS, Macciocchi SN, Baumgartner TA,
		Elliott R. Test-retest reliability of computerized concussion
		assessment programs. J Athl Train. 2007 Oct-Dec;
		42(4):509-14. PMID: 18174939; PMCID: PMC2140077.
	10	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2140077/
	13.	Herring S, Kibler WB, Putukian M, et alSelected issues in
		sport-related concussion (SRC mild traumatic brain injury) for the team physician: a consensus statementBritish
		Journal of Sports Medicine 2021;55:1251-1261.
		https://bjsm.bmj.com/content/55/22/1251.info
	14	McCrory P, Meeuwisse W, Dvorak J, et alConsensus
	17.	statement on concussion in sport—the 5th international
		conference on concussion in sport held in Berlin, October
		2016British Journal of Sports Medicine 2017;51:838-847.
		https://bjsm.bmj.com/content/51/11/838.info
	15.	Bryan, M. A., Rowhani-Rahbar, A., Comstock, R. D., &
		Rivara, F. (2016). Sports-and recreation-related
		concussions in US youth. Pediatrics, 138(1).
		https://scholar.google.com/scholar_lookup?author=MA+Br
		yan&author=A+Rowhani-
		Rahbar&author=RD+Comstock&title=Sports-
		<u>+and+recreation-</u>



	related+concussions+in+US+youth&publication_year=201
	6&journal=Pediatrics&volume=138 DON'T HAVE IT
	16. Patricios J, Fuller GW, Ellenbogen R, et alWhat are the
	critical elements of sideline screening that can be used to
	establish the diagnosis of concussion? A systematic
	reviewBritish Journal of Sports Medicine 2017;51:888-894.
	https://bjsm.bmj.com/content/51/11/888.info
	17. Iverson GL, Gardner AJ, Terry DP, et alPredictors of
	clinical recovery from concussion: a systematic
	reviewBritish Journal of Sports Medicine 2017;51:941-948.
	https://bjsm.bmj.com/content/51/12/941.info
	18. Patricios J, Fuller GW, Ellenbogen R, et alWhat are the
	critical elements of sideline screening that can be used to
	establish the diagnosis of concussion? A systematic
	reviewBritish Journal of Sports Medicine 2017;51:888-894.
	https://bjsm.bmj.com/content/51/11/888.info
	19. Davis GA, Makdissi M, Bloomfield P, et alInternational
	study of video review of concussion in professional
	sportsBritish Journal of Sports Medicine 2019;53:1299-
	1304. https://bjsm.bmj.com/content/53/20/1299.info
	20. Harmon KG, Clugston JR, Dec K, et alAmerican Medical
	Society for Sports Medicine position statement on
	concussion in sportBritish Journal of Sports Medicine
	2019;53:213-225.
	https://bjsm.bmj.com/content/53/4/213?ijkey=faa6f268b4ad
	1839ac3f3328fa8337636d55876f&keytype2=tf_ipsecsha
	21. Leddy, J. J., Baker, J. G., Kozlowski, K., Bisson, L., &
	Willer, B. (2011). Reliability of a graded exercise test for
	assessing recovery from concussion. Clinical Journal of
	Sport Medicine, 21(2), 89-94. <u>https://arts-</u>
	sciences.buffalo.edu/content/dam/www/news/imported/pdf/
	May11/UBconcussionStudy.pdf
	22. Stemper, B.D., Shah, A.S., Harezlak, J. et al. Comparison
	of Head Impact Exposure Between Concussed Football
	Athletes and Matched Controls: Evidence for a Possible
	Second Mechanism of Sport-Related Concussion. Ann
	Biomed Eng 47, 2057–2072 (2019).
	https://doi.org/10.1007/s10439-018-02136-6
Assessment	The evaluation of the course includes activities of continuous / formative
	assessment (formative), self-evaluation (self-evaluation and debriefing / final
	evaluation (summative). Specifically, the evaluation of this course includes
	the following: final written exam, 2 evaluation assignments, 2 evaluative
	online interactive discussions, various weekly educational activities such as
	interactive activities, interactive presentations/ videos and self-assessment activities.
	From the above, the following are scored:
	<ul> <li>Final exam (50%)</li> <li>2 evolution percent (20%) + 15% = 25%)</li> </ul>
	• 2 evaluation papers (20% + 15% = 35%)
	• 2 online interactive activities (7.5% + 7.5% = <b>15%</b> )





	All assignments (except the final exam) are assigned and delivered to the online platform, as well as a plagiarism check through the turnitin tool. The final exam is developed by the instructor and completed by the students on a special platform used exclusively for the exams.
Language	English / Greek