# Sports Psychiatry Portable Didactic Curriculum

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on behalf of the International Society for Sports Psychiatry

**Original Curriculum Release Date**: May 2018

#### Updated Curriculum Release Dates: April 2020, May 2022

#### **Intended Learners:**

- Psychiatry residents desiring an elective in sports psychiatry
- Psychiatry fellows desiring an elective in sports psychiatry
- Primary care (family medicine, internal medicine, pediatrics) residents desiring an elective in sports psychiatry
- Sports medicine fellows desiring an elective in sports psychiatry
- Senior medical students intending a career in psychiatry, sports medicine, primary care, or a related field and desiring an elective in sports psychiatry
- Attending psychiatrists desiring to further their education in sports psychiatry

#### Introduction:

Sports psychiatry is the sub-specialty within psychiatry largely focusing on diagnosis and treatment of psychiatric illness in athletes. While utilization of psychological approaches to enhance performance may also be part of the work of the sports psychiatrist, it tends to be less so as compared to addressing actual mental illness in this population. The work of sports psychiatry may also involve the use of exercise as a therapeutic or preventative intervention for mental illness. While the field has grown in recent years, most medical schools and residency/fellowship programs do not have curricular offerings dedicated to the topic, and there is little continuing medical education available on the topic for practicing psychiatrists. Moreover, with the population of sports psychiatrists relatively small, and with a relatively small research base, when health care providers do deliver psychiatric care to athletes, they may do so without a full understanding of the diagnostic and therapeutic issues unique to this population. Thus, this curriculum aims to enhance the knowledge base of physicians and medical students in the science of sports psychiatry, and to increase the skill with which psychiatric health care is provided to athlete populations.

#### **Resources Required:**

*Faculty:* Ideally, an on-site psychiatrist with expertise in sports psychiatry would supervise this elective experience. However, it is acknowledged that the field of sports psychiatry is relatively small, such that medical schools and residency programs may not have a faculty member/attending who identifies as an expert in sports psychiatry. In that case, a local faculty member with an interest in the field, even if little experience in it, could supervise the curriculum. A final option is that a faculty member/attending from an institution different than that at which the trainee taking the curriculum is enrolled could remotely supervise the didactic portion of the curriculum. In the latter case, there would be no direct clinical aspect to the rotation. In any case, ideally there would be regular (e.g., weekly) meetings between the learner and supervisor for discussion of readings and writing assignments. Of course, nothing is to stop an interested learner from completing this curriculum even if supervision/mentorship in any form cannot be arranged.

<u>Patient population</u>: A clinical population of athlete-patients could provide a clinical component to this elective. Care of such patients would be supervised by an on-site faculty member/attending. However, this elective can also be completed as simply a didactic/reading elective, in which the learner completes the "Readings and assignments" and "Final project" described below. If the latter, a faculty mentor/attending ideally should still be available to review assignments with the learner and to provide accountability in that manner.

<u>Materials</u>: The literature articles listed in the "Readings and assignments" section below are available on PubMed. **The International Society for Sports Psychiatry is not authorized to provide/disseminate these literature articles due to copyright limitations.** Possible avenues for obtaining these articles include through an academic institution if the learner is affiliated with one, from the faculty supervisor of the learner's elective, from the authors of the articles, or via direct payment to the journals. Articles selected in each iteration of the curriculum are based on merit—neither the authors nor ISSP are compensated in any form.

Lavout of the curriculum: The curriculum centers around a didactic/reading component (see "Readings and assignments" below). The rate with which the learner goes through the readings/assignments will depend on the time allotted for, and duration of, the elective or learning experience, as well as whether or not the learner has clinical requirements that also must be completed during the time of the elective. For example, if the learner is solely completing a didactic/reading elective during ½ day per week of protected time, they might complete 2 topic "blocks" per week (reading and accompanied assignment) and spend the remainder of the time during that 1/2 day each week working on their final project and meeting with the supervisor. If the learner is completing a sports psychiatry clinical experience along with the didactic/reading component, they might complete just 1 "block" per week and spend the remainder of the time during the elective each week seeing patients, working on their final project, and meeting with their supervisor. Depending on the duration of the elective, the learner and faculty supervisor might select an appropriate number of topics (those felt to be of greatest individual interest or of highest relevance) to be covered during that time, omitting the others. Detailed time keeping by early learners demonstrated that each topic (including time for reading the full article(s) and answering the questions thoroughly) takes between 30 minutes and 2.5 hours for the learner to complete (most in the 1-2 hour range).

## Goals and Objectives of the curriculum:

*Goals*: By the end of this curriculum, learners will:

- 1. Understand the epidemiology of, risk factors for, and unique manifestations of a variety of psychiatric disorders and psychosocial stressors in athletes.
- 2. Compare and contrast treatments for psychiatric disorders in athletes versus treatments for psychiatric disorders in the general population.
- 3. Discuss individual level treatments as well as system wide interventions to address mental illness in athletes.
- 4. Develop familiarity with the medical literature on a variety of topics related to sports psychiatry.

## <u>Objectives</u>:

Specific objectives are covered by the reading assignment questions. By the end of this curriculum, learners will be able to answer all of the questions posed in the reading assignments.

**Final project:** Learners completing this curriculum are to produce a scholarly product relevant to the field of sports psychiatry. The topic and format of the product is subject to approval by the supervising faculty member/attending, if applicable. Options include a manuscript (e.g., a standard research study, review paper, opinion piece in a journal, American Journal of Psychiatry Residents' Journal

article, etc.), poster presentation (local, regional, national, or international), a presentation, talk, or workshop (local, regional, national, or international), educational session (e.g., a one-hour didactic session for other learners in their academic program, or a Grand Rounds), or educational column (e.g., in one's state psychiatric association newsletter, the International Society for Sports Psychiatry newsletter, etc.). The exact project chosen depends on interest of the learner, duration of time available for the elective/curriculum completion, mentorship available at the time of the elective/curriculum completion, and scholarly opportunities at the time of the elective/curriculum completion.

Answer key: Upon a learner completing this curriculum, they may email Dr. Reardon (clreardon@wisc.edu) to request an answer key, if desired, for their own learning purposes. In making such a request, they should attest that they have completed their elective and should cc their attending supervisor (to ensure answers are not given out prior to completing the curriculum). If an attending supervisor desires the answer key prior to their learner completing the curriculum, they may email Dr. Reardon with that request. Please do not disseminate the answer key beyond the current learner and attending supervisor without permission from Dr. Reardon. Note that if the learner is interested in submitting their completed curriculum materials to the International Society for Sports Psychiatry in order to be considered for a Certificate of Additional Training in Sports Psychiatry (see more information below), they cannot have received the answer key prior to their materials having been approved for a Certificate.

**International Society for Sports Psychiatry Certificate of Additional Training in Sports Psychiatry**: Learners who satisfactorily complete all aspects of this curriculum may be eligible for consideration for an International Society for Sports Psychiatry Certificate of Additional Training in Sports Psychiatry. As with any credible Certificate program, not everyone who applies for a Certificate will be awarded one, as rigorous criteria are applied when evaluating submissions. Note that if, at the time of release of this updated curriculum in 2022, you had already started work on the 2020 version of the curriculum in hopes of obtaining a Certificate of Additional Training in Sports Psychiatry, we will accept work on that version for the purposes of consideration for a Certificate. We will no longer accept work on the 2018 version of the curriculum unless there are extenuating circumstances (in which case you must email Dr. Reardon at <u>clreardon@wisc.edu</u> for ISSP Education Committee consideration).

To be eligible for a Certificate, the following criteria must be met:

- 1. Must be a paid member in good standing of the ISSP
- 2. Must be a medical student, psychiatry resident, fellow in a psychiatry subspecialty fellowship program, or a psychiatrist who has completed a psychiatry residency program

- 3. Must complete all readings and writing assignments as described in the curriculum. Writing assignment responses should be typed in a single file that is email-able (e.g., a single PDF or Word document).
- 4. Must complete a "final project" as described in the curriculum materials. Note that if you have completed a sports psychiatry project (such as having published a relevant journal or newsletter article or having given a relevant talk) within the last 2 years, then this may 'count' for final project completion, and can be submitted for consideration as such. Final steps that demonstrate project implementation must be completed (e.g., article must already have been submitted to a journal or newsletter, talk has actually already been given to a group, etc.). The project should take at least 2 hours to complete (and in most cases it will take more).
- 5. Must participate in some type of approved, interactive 1:1 or group mentorship or education. If you are a medical student, resident, or fellow completing this curriculum as part of an official elective at your institution. this requirement is met IF your institution provides a mentor/instructor with whom you will have at least one 30-60 minute individual or group conversation to review your curriculum answers and final project as part of the elective. Another option for meeting this requirement is to have at least one 30-60 minute mentorship conversation with someone else who has already received the ISSP Certificate of Additional Training in Sports Psychiatry. A final option is participation in at least 1 interactive ISSP workshop as follows: The ISSP has an expert led educational/workshop model allowing for immediate access to collaboration, engagement, and networking. This is a monthly ISSP live interactive virtual educational session. Each session will be approximately 1 hour in duration and will occur on various days of the week and various times given our worldwide membership. Topics will include practice development, practice growth, working with youth athletes, working with professional athletes, sports psychiatry research, the ISSP certificate program as well as other specific topics such as sleep, doping, concussion, pharmacology, etc. To participate in the program and receive a zoom link, you will need to email the mentorship chair, Dr. Alex Strauss (alexstraussmd@gmail.com) vour CV, a signed mentorship agreement (Dr. Strauss will provide this to you by request), and proof of active ISSP membership. All expert session leaders will be seasoned Sports Mental Health Experts. Attendance at these virtual sessions will be tracked, and feedback questionnaires will be required from both the attendees as well as the expert clinicians. Consideration may be given to highly engaged mentees to further their training with more specific mentorship in the future.
- 6. Once all above requirements are met, email to the Chair of the ISSP Education Committee, Claudia Reardon, MD (clreardon@wisc.edu), the following:
  - Attestation that you are a paid member in good standing of the ISSP
  - Attestation that you are a medical student, psychiatry resident, fellow in a psychiatry subspecialty fellowship program, or a psychiatrist who has completed a psychiatry residency program
  - Your completed ISSP curriculum answers

- Your completed final project and evidence of its implementation in some venue
- Details of how/when/with whom the mentorship requirement (#5 above) was met
- 7. The ISSP Education Committee will review all items in #6 above. Satisfactory completion of the curriculum will require the following:
  - Correct and reasonable answers to ALL questions in the ISSP curriculum. The ISSP Education Committee will use our official answer key to make this determination. If any of your answers from 5 or fewer topic areas are incorrect or unreasonable, you will be provided the opportunity to make revisions with the Committee's indication to you as to which questions specifically need correction. If answers to questions within more than 5 topic areas are incorrect or unreasonable, you will not be eligible for consideration for a Certificate for at least 1 year from the date of submission of your final answers. This is because the Committee is very busy reviewing curriculum submissions, and we want applicants to be encouraged to put forth their best effort on their first attempt such that we can prioritize review of first attempts.
  - Completion of an acceptable final project. If the project is deemed unacceptable either because final steps have not been taken, it did not appear to require at least 2 hours to complete, it is factually inaccurate, it is otherwise low quality, or there is anything about it that is contrary to the core values of the ISSP as described on the ISSP website (https://sportspsychiatry.org/about-ISSP), you will be provided with the opportunity to make appropriate revisions or to complete a different project.
  - Confirmation that the membership, professional role, and mentorship requirements are met

If completion of the curriculum is deemed satisfactory:

- An electronic ISSP Certificate of Additional Training in Sports Psychiatry will be emailed to the member. Printing and mailing of hard copy certificates is not possible.
- The member may list "International Society for Sports Psychiatry Certificate of Additional Training in Sports Psychiatry" on their CV or other personal/professional material. Note that by issuing such a certificate, the ISSP is not attesting to any degree of competence in the field of sports psychiatry; the organization is simply confirming that additional education has been satisfactorily undertaken in accordance with our requirements.
- You will be acknowledged as a new Certificate holder at the next annual ISSP Business Meeting and Scientific Session.

**Evaluation of the curriculum by learners and by (if applicable) attending supervisors**: When you have completed the sports psychiatry curriculum, the learner and (if applicable) attending supervisor are asked to please complete anonymous, approximately 5-minute, evaluations of the curriculum. These will help shape future iterations of the curriculum. Curriculum authors will not have access to survey results in batches of fewer than 5 responses, to ensure anonymity. The links to the surveys are as follows:

Learner survey: https://uwmadison.co1.qualtrics.com/jfe/form/SV\_cSkILWffb7RIJRj

Attending supervisor survey (if applicable): https://uwmadison.co1.qualtrics.com/jfe/form/SV\_dgqInTEZhJDcvZP

Readings and assignments:		
Block #	Торіс	Reading/assignment
	The field of sports psychiatry	<ul> <li><u>Reading 1</u>: Begel D. An overview of sport psychiatry. American Journal of Psychiatry 1992;149:606-614.</li> <li><u>Writing assignment 1</u>: <ul> <li>According to this classic article written by the founder of sports psychiatry as a field, what is the primary role of the sports psychiatrist? Based on information you can find in this article or elsewhere, how does this differ from the typical role of the sports psychologist?</li> <li>Speculate at least one reason why sports psychiatry.</li> </ul> </li> </ul>
		<u>Reading 2</u> : Reardon CL, Hainline B, Aron CM, et al. Mental health in elite athletes: International Olympic Committee consensus

### Readings and assignments:

statement (2019). British
Journal of Sports Medicine
2019;53:667-699.
Writing assignment 2:
<ul> <li>According to the article,</li> </ul>
list 4 reasons why
reporting prevalence of
mental health symptoms
and disorders in elite
athletes compared with
that in the general
population is particularly
difficult.
• In order to have a "big
picture" appreciation of
mental health in athletes,
it can be helpful to have a
ready ability to delineate
those mental health
symptoms/disorders that
appear relatively more
common in athletes,
those that appear equally
common, and those that
appear relatively less
common compared to the
general population. Thus,
according to the article,
which included a
comprehensive review of
the world's literature,
describe whether elite
athletes (or certain
subgroups of elite
athletes) appear to have
lower, equal, or higher
prevalence of the
following conditions (or
whether research is
insufficient to draw any
conclusions):
<ul> <li>sleep disorders</li> </ul>
and sleep
concerns

		0	major depressive
			disorder and
			depression
			symptoms
		0	suicide
		0	2
			related disorders
		0	post-traumatic
			stress disorder
			and other trauma-
			related disorders
		0	eating disorders
		0	attention-
			deficit/hyperactivi
			ty disorder
		0	bipolar and
			psychotic
			disorders
		0	substance use and
			substance use
			disorders
		0	gambling disorder
2			
2	Depression in athletes	Reading: Edv	vards CD.
2	Depression in athletes	Depression as	ssessment:
2	Depression in athletes	-	ssessment:
2	Depression in athletes	Depression as challenges an	ssessment:
2	Depression in athletes	Depression as challenges an strategies in t	ssessment: d treatment
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		individual and team sport athletes. Give the citation for the article, and write at least 4 sentences to summarize the findings and any hypotheses discussed in the article about why there might be such differences.
3	Anxiety in athletes	Reading: Reardon CL, Gorczynski P, Hainline B, et al.Anxiety disorders in athletes.Advances in Psychiatry and Behavioral Health 2021;1(1):149-160.Writing assignment:• Imagine you have a patient who is a 19 year old collegiate swimmer who has developed competitive performance anxiety. She becomes very anxious leading up to all competitions to the point that she has feigned illnesses and injuries to avoid having to compete. When she does compete, she feels that her performance suffers related to the anxiety. This anxiety seemed to have started when she had a single poor performance much below that expected of her. She does not have significant anxiety outside of the 

r		
		competition-induced
		hyperarousal and from
		generalized anxiety
		disorder. How would you
		treat her anxiety in this
		situation? Comment on
		any psychotherapeutic,
		psychopharmacologic, or
		other approaches you
		might take.
		<ul> <li>According to the article,</li> </ul>
		describe why panic
		disorder sufferers may
		experience a worsening
		of symptoms during
		acute exercise.
		• Find 1 example from the
		lay press that illustrates
		what you would consider
		a superstitious ritual in
		an athlete (as opposed to
		actual obsessive-
		compulsive disorder).
		What psychological role
		do you suppose this ritual
		plays for the athletes?
4	Post-traumatic stress disorder	Reading: Aron CM, Harvey S,
	and other trauma-related	Hainline B, et al. Post-traumatic
	disorders in athletes	stress disorder (PTSD) and other
		trauma-related mental disorders
		in elite athletes: a narrative
		review. British Journal of Sports
		Medicine 2019;53(12):779-784.
		Writing assignment:
		<ul> <li>According to the article,</li> </ul>
		what is the relationship
		between degree of athlete
		identity and the risk of
		development of PTSD
		symptoms after an
		injury? Why do you think this is?
		• According to the article,
		list 3 psychological

	I	,,
		strategies/defenses that athletes may employ after
		trauma that may mask
		trauma-related
		symptoms. Explain how
		each strategy/defense
		may be adaptive in sport
		in the short-term and also
		how it may impede long-
		term emotional recovery.
		<ul> <li>You have a 25-year-old</li> </ul>
		male professional track
		and field athlete who
		tripped over a hurdle in a
		major international
		competition, suffered a
		serious leg injury
		requiring several
		surgeries and a year of
		recovery, and has now
		completed all necessary
		rehabilitation to be able
		to fully return to sport.
		However, he is exhibiting
		PTSD symptoms and is
		having great difficulty
		returning to sport. When
		he tries to practice, he
		clears the hurdles with
		hesitation and does not
		get low enough to the
		hurdles. Referring to the
		assigned article, describe
		your general treatment
		approach, including
		psychotherapy and
		psychopharmacology as
		appropriate, and how
		each of those elements
		may be helpful in the
		athlete's recovery.
5	Eating disorders and other body	Reading 1: Wells
	image disorders in athletes	KR, Jeacocke NA, Appaneal R, et
		al. The Australian Institute of
		Sport (AIS) and National Eating
		Sport (ms) and national Eating

[]
Disorders Collaboration (NEDC)
position statement on
disordered eating in high
performance sport. Br J Sports
Med 2020;54:1247-1258.
Writing assignment 1:
0
• Distinguish low energy
availability, disordered
eating, eating disorders
and relative energy
deficiency in sport (RED-
S).
-
A 24-year-old     professional female
professional female
distance runner presents
to her psychiatrist with
concerns about
anxiety. Through review
of systems, it is
discovered that she has
not menstruated in 8
months. She is not using
hormonal contraception
and denies any chance of
pregnancy. She points
out that her former
primary care physician
observed that this was
common in heavily
exercising athletes,
especially at times of
peak training, and was
not a cause of
concern. Moreover, she
notes that she
menstruated monthly as
expected when taking
birth control pills prior to
8 months ago. Write 1
paragraph (at least 4
sentences) discussing the
acceptability of this
athlete's menstrual status

<ul> <li>(now and 8 months ago) and any potential relevance to disordered eating.</li> <li>Body composition assessment is increasingly common in some sporting circles. Describe what this is and list at least 5 steps that should be taken to decrease the risk of such an assessment triggering disordered eating.</li> <li>Find 1 research article on the female athlete triad and 1 research article on Relative Energy Deficiency in Sport (RED- S). Give the citations for the articles, and write 1 paragraph comparing and contrasting the concepts of RED-S and the female athlete triad. It is not universally accepted that 1 of these constructs is</li> </ul>
1 of these constructs is more valid than the other, but which do you find more compelling?
Reading 2: Murray SB, Rieger E, Touyz SW, et al. Muscle dysmorphia and the DSM-V conundrum: where does it belong? A review paper. International Journal of Eating Disorders 2010;43:483-491.
<ul> <li>Writing assignment 2:</li> <li>Muscle dysmorphia is not an official diagnosis included in the Diagnostic</li> </ul>

		<ul> <li>and Statistical Manual of Mental Disorders. However, according to the article, list the <i>proposed</i> diagnostic criteria for this condition.</li> <li>According to the article, describe ways in which muscle dysmorphia is <i>similar</i> to: body dysmorphic disorder; obsessive-compulsive disorder; and eating disorders.</li> </ul>
6	Substance use disorders in athletes	<ul> <li><u>Reading</u>: McDuff D, Stull T, Castaldelli-Maia JM, et al. Recreational and ergogenic substance use and substance use disorders in elite athletes: a narrative review. British Journal of Sports Medicine 2019;53(12):779-784.</li> <li><u>Writing assignment</u>: <ul> <li>According to the article, list at least 5 reasons why athletes as a population may use substances.</li> <li>According to the article, in general, how do use rates of most substances compare between elite athletes in most sports and the general population?</li> <li>According to the article, what is the most widely used illicit substance in the general population and in elite athletes? Do elite athletes or members of the general population use this substance more? Find one website/article (does not have to be a</li> </ul> </li> </ul>

		research article) describing a change or consideration of a change in use policy for this substance in a high level, elite, or professional sports league or organization. Provide the link to the website/article and write at least 3 sentences describing any arguments for or against a change in policy as described in the article. Finally, write at least 2 sentences describing your own thoughts as to if this substance should be considered a prohibited substance in high level, elite, or professional sports and why.
7	Gambling disorder in athletes	<ul> <li><u>Reading 1</u>: Derevensky JL, McDuff D, Reardon CL, et al. Problem gambling and associated mental health concerns in elite athletes: a narrative review. British Journal of Sports Medicine 2019;53(12):761-766.</li> <li><u>Writing Assignment 1</u>:         <ul> <li>According to the article, list at least 7 unique characteristics that make elite athletes (including both collegiate and non- collegiate elite athletes) more susceptible than the general population to development of gambling problems.</li> </ul> </li> </ul>

		<ul> <li>According to the article, list at least 5 different negative effects that problem/disordered gambling can have on an athlete's mental health and ability to function.</li> <li>The article mentions that gambling disorder is often referred to as a 'hidden addiction'. Speculate on at least 2 reasons why this might be the case, i.e., why it can go undetected for long periods of time.</li> <li><u>Reading 2</u>: Trends in NCAA student-athlete gambling behaviors and attitudes. Executive Summary. November 2017. Available at: https://ncaaorg.s3.amazonaws.c om/research/wagering/2017RE S_wageringexecutivesummary.p</li> </ul>
		df <u>Writing Assignment 2</u> : • According to the article, write one paragraph (at least 4 sentences) describing the recommended elements of educational programming on gambling that an institution could develop for the purposes of protecting student- athlete well-being and protecting contest fairness.
8	Bipolar and psychotic disorders in athletes	<u>Reading</u> : Currie A, Gorczynski P, Rice SM, et al. Bipolar and

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9	Attention-deficit/hyperactivity disorder in athletes	<ul> <li>psychotic disorders in elite athletes: a narrative review.</li> <li>British Journal of Sports Medicine 2019;53(12):746-753.</li> <li>Writing assignment: <ul> <li>According to the article, list 3 reasons why a diagnosis of bipolar disorder or a psychotic disorder may be more difficult to make in an elite athlete.</li> <li>According to the article, describe at least one way in which exercise might help regulate mood in patients with bipolar disorder, and at least one way in which it might destabilize mood. Describe how different TYPES of sports might have different impact in this regard.</li> <li>Do you think the above findings would be compelling enough to change your practice in any way when working with athletes who have bipolar disorder? Why or why not? If so, in what way(s)?</li> </ul> </li> <li>Reading: Han DH, McDuff D, Thompson D, Hitchcock ME, Reardon CL, Hainline, B.</li> </ul>
9		Thompson D, Hitchcock ME,
		Writing assignment:

	1	
		<ul> <li>According to the article, list at least 5 ways that ADHD may negatively</li> </ul>
		affect sport performance
		in elite athletes, and at
		least 2 ways that ADHD
		may positively affect
		sport performance in
		elite athletes.
		You are a sports
		psychiatrist asked to see
		a 25-year-old
		professional swimmer for
		diagnostic evaluation and treatment
		recommendations for
		inattentive symptoms
		that might represent
		ADHD. He has never received such a diagnosis.
		Drawing from the article,
		describe: how you would
		make a diagnosis of
		ADHD including any
		additional testing you
		would do; a treatment
		algorithm you would use
		if indeed you diagnosis
		ADHD (i.e., treatments
		you would try first and
		why, and next steps if
		your first line treatments
		fail); and any additional
		steps you would need to
		take prior to prescribing
		stimulants in this
10	Sloop in othlataa	professional athlete.
10	Sleep in athletes	<u>Reading</u> : Halson SL. Stealing sleep: is sport or society to
		blame? British Journal of Sports
		Medicine 2016;5:381.
		Writing assignment:
		According to the article,
		list at least 5 reasons why
		iist at least 5 reasons willy

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		athletes may be at unique
		risk for sleep deprivation.
		<ul> <li>You are working in</li> </ul>
		administrative leadership
		at a Division I college
		athletic department and
		have been put in charge
		of developing initiatives
		to improve overall sleep
		of the student-athlete
		population at your
		institution. Describe 2
		initiatives you might
		undertake, and barriers
		that might exist to
		implementation of each
		one (total of at least 4
		sentences for each
		initiative).
11	Suicide in athletes	Reading: Rao AL. Athletic
		suicide—separating fact from
		fiction and navigating the
		challenging road ahead. Current
		Sports Medicine Reports
		2018;17(3):83-84.
		147
		Writing assignment:
		• According to the article,
		describe whether suicide
		rates appear to be lower
		or higher in these
		populations of athletes
		relative to the general
		population: high school
		athletes; collegiate
		athletes; professional
		athletes.
		• According to the article,
		list 3 hypotheses for how
		sport participation might
		be protective against
		suicide.
		<ul> <li>Find 1 research article on</li> </ul>
1		
		the controversial tenis of
		the controversial topic of the relationship (or lack

		thereof) between suicide and chronic traumatic encephalopathy in athletes. Give the citation for the article and write 1 paragraph (at least 4 sentences) describing any evidence from the article either supportive of or unsupportive of a relationship between suicide and chronic traumatic encephalopathy.
12	Mental health impact of concussions in athletes: Part 1	Reading: Harmon KG, ClugstonJR, Dec K, et al. AmericanMedical Society for SportsMedicine position statement onconcussion in sport. BritishJournal of Sports Medicine2019;53:213-225.Writing assignment:• According to the article, define sport-related concussion, including how it is related to the concept of mild traumatic brain injury (mTBI).• According to the article, list the 6 proposed overlapping clinical profiles of concussion in sport, 3 possible physical exam findings within each domain, and at least 2 targeted treatments within each domain.• According to the article, list the form of unctional clinical profiles of concussion in sport, 3 possible physical exam findings within each domain, and at least 2 targeted treatments within each domain.

		<ul> <li>suffering from sport-related concussion.</li> <li>According to the article, list 3 risk factors for prolonged recovery from sport-related concussion.</li> <li>According to the article, describe the historic versus current recommendations (at least 1 sentence for each) for cognitive and physical rest after sport-related concussion.</li> </ul>
13	Mental health impact of concussions in athletes: Part 2	<ul> <li><u>Reading</u>: Rice SM, Parker AG, Rosenbaum S, et al. Sport- related concussion and mental health outcomes in elite athletes: a systematic review. Sports Medicine 2018;48:447-465.</li> <li><u>Writing assignment</u>: <ul> <li>According to the article, describe the level of evidence (i.e., type of research studies that have been done to date, such as prospective, retrospective, case- controlled, etc.) and generally what that evidence shows for any association between sport-related concussion and depression, and between sport-related concussion and anxiety.</li> <li>According to the article, describe a biopsychosocial model for negative outcomes in sport-related concussion (at least 4 sentences).</li> </ul> </li> </ul>

14	Relationship between injuries and mental illness	Reading 1: Putukian M. Chapter 4. How being injured affects mental health. In: Mind, Body, and Sport: Understanding and Supporting Student-Athlete Mental Wellness. NCAA. 2014. Available at: https://www.ncaa.org/sports/2 014/11/5/mind-body-and- sport-how-being-injured-affects- mental-health.aspx
		<ul> <li>Writing assignment 1:         <ul> <li>According to the article, describe how an eating disorder may result from an athletic injury.</li> <li>According to the article, provide 3 reasons why being injured with a concussion is different from other injuries in how/why it may affect mental health.</li> <li>According to the article, describe one potential negative impact of increased media attention on chronic traumatic encephalopathy among athletes.</li> </ul> </li> </ul>
		<u>Reading 2</u> : Psychological issues related to illness and injury in athletes and the team physician: a consensus statement-2016 update. Current Sports Medicine Reports 2017;16(3):189-201.
		<ul> <li>Writing assignment 2:</li> <li>According to the article, describe at least 2 ways in which psychological</li> </ul>

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		stress may predispose to athletic injury.
		• According to the article,
		list 3 prominent
		psychological factors that
		have been shown to be
		important in illness and
		injury treatment and
		outcomes. For each of
		these, explain the impact
		in 1-2 sentences.
		<ul> <li>According to the article,</li> </ul>
		list 9 characteristics of
		poor progression of
		recovery from injury.
15	Medication use for psychiatric	Reading: Reardon CL, Creado S.
	disorders in athletes	Psychiatric medication
		preferences of sports
		psychiatrists. The Physician and
		Sportsmedicine 2016;44(4):397-
		402.
		Writing assignment:
		• According to the article,
		list 3 important variables
		to consider in prescribing
		psychiatric medications
		to athletes.
		• Considering the results
		described in the assigned
		reading, as well as your
		own clinical experiences
		with medications, what
		would be your first choice
		for a psychiatric
		medication for an athlete
		in each of the following
		categories: depression
		without anxiety and
		without bipolar spectrum
		disorder; generalized
		anxiety disorder;
		insomnia; ADHD; bipolar
		spectrum disorders;
		psychotic disorders? For

	Druchothorapu for psychiatria	<ul> <li>non-medical students</li> <li>only (this would be an advanced question for medical students): What would be your first choice for a psychiatric medication, and why, for an athlete in the following diagnostic categories not considered explicitly in this article: OCD; PTSD; panic disorder?</li> <li>How, if at all, do your first-line choices in all of these categories differ from your first-line choices for general, non-athlete patients? If there are differences, are they justifiable (in other words, do any differences suggest that we wouldn't be treating athletes "aggressively" enough with medication, or that we are too tolerant of side effects in non-athlete patients?)?</li> </ul>
16	Psychotherapy for psychiatric disorders in athletes	<u>Reading</u> : Stillman MA, Glick ID, McDuff D, et al. Psychotherapy for mental health symptoms and disorders in elite athletes: a narrative review. British Journal of Sports Medicine 2019;53(12): 767-771.
		<ul> <li>Writing assignment:</li> <li>According to the article, list at least 1 reason why each of the following types of psychotherapy, in certain circumstances, may be uniquely helpful and/or comfortable for</li> </ul>

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		athlete-patients:
		cognitive behavioral
		therapy (CBT);
		motivational
		enhancement therapy
		(MET); couple/family
		psychotherapy; group
		psychotherapy.
		• A 21-year-old female
		swimmer is referred to
		you for psychiatric
		assessment and
		treatment for symptoms
		of severe anxiety and
		possible eating disorder.
		You contact her to
		schedule an intake
		appointment and offer
		her a variety of time slots
		in which you see patients
		(8:30-4 pm, except for
		12-1 for lunch
		break/meetings) and
		during which your college
		counseling center is open.
		However, the swimmer,
		who is in the midst of a
		very heavy swim practice
		schedule as she prepares
		for the Olympic Trials,
		says that it would be very
		difficult for her to see you
		during your open time
		slots, and she wonders if
		you could see her at 4 pm.
		How would you deal with
		this situation? What are
		the pros and cons to a
		variety of options for
		scheduling?
17	Exercise addiction	Reading: Freimuth M, Moniz S,
		Kim SR. Clarifying exercise
		addiction: differential diagnosis,
		co-occurring disorders, and
		phases of addiction.

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		International Journal of
		Environmental Research and
		Public Health 2011;8:4069-
		4081.
		Writing assignment:
		• According to the article,
		list 7 proposed criteria
		for exercise addiction
		that parallel DSM-5
		criteria for substance use
		disorders.
		• According to the article,
		distinguish primary
		exercise addiction from
		secondary exercise
		addiction.
		<ul> <li>According to the article,</li> </ul>
		list the 4 proposed
		phases of exercise
		addiction. Write one
		sentence to describe each
10	Have a set and above a fear	phase (4 sentences total).
18	Harassment and abuse (non-	<u>Reading</u> : Mountjoy M,
	accidental violence) in sport	Brackenridge C, Arrington M, et
		al. International Olympic
		Committee consensus
		statement: harassment and
		abuse (non-accidental violence)
		in sport. British Journal of
		Sports Medicine 2016;50:1019-
		1029.
		Writing assignment:
		According to the
		article: a) list at least 7
		examples of psychological
		harassment and abuse in
		sport; and b) describe the
		"gateway" relationship of
		psychological harassment
		and abuse to sexual and
		physical abuse in sport.
		<ul> <li>According to the article,</li> </ul>
1		
		list at least 3 risk factors

for sexual abuse in
sport. Additionally, list 3
situations that are NOT,
on average, risk factors
for sexual abuse in sport,
despite presumed public
perception to the
contrary.
<ul> <li>According to the article,</li> </ul>
list at least 3 forms of
neglect in sport.
• Describe the impact on
victim-athletes of passive
attitudes/non-
intervention, denial, or
silence by people of
positions in power in
sport (particularly
bystanders, i.e., those
who are witnessing or
aware of non-accidental
violence) when it comes
to non-accidental
violence in sport.
<ul> <li>Imagine you are Director</li> </ul>
of Athlete Mental Health
at a Division I University.
You have been tasked
with setting up a
comprehensive program
to address the topic of
non-accidental violence
in sport at your
institution. Write one
paragraph (at least 4
sentences) that describes:
a) the role of any
educational
programming; and b)
principles of a reporting
protocol for athletes and
bystanders who are
experiencing or
observing non-accidental
violence in sport.

19	Child and adolescent sports psychiatry: Part 1	<ul> <li><u>Reading</u>: Conant-Norville DO. Child and adolescent sports psychiatry in the US. International Review of Psychiatry 2016;28(6):556-563.</li> <li><u>Writing assignment</u>: <ul> <li>According to the article, define physical literacy, INCLUDING definitions of the 3 components of it. List at least 4 groups of youth who, under the current model of youth sports in the US, have insufficient opportunities for development of physical literacy.</li> <li>According to the article, list 8 challenges, identified by the Aspen Institute's Project Play workgroup, that limit youth sports involvement in the US. Imagine you are tasked with developing a summer youth sports program for 5-6 year olds in your community. Write one paragraph (at least 4 sentences) describing how you would structure the program, keeping in mind some of the 8 challenges you listed?</li> <li>According to the article, distinguish "early specialization in sport" versus "sport sampling" in youth, and list at least 3 benefits of the latter.</li> </ul> </li> </ul>
20	Child and adolescent sports psychiatry: Part 2	<u>Reading</u> : Xanthopoulos MS, Benton T, Lewis J, et al. Mental
		health in the youth athlete.

Current Psychiatry Reports
2020;22:63.
<ul> <li>2020;22:63.</li> <li>Writing assignment: <ul> <li>According to the article, list at least 5 reasons why mental health symptoms or disorders in youth athletes may not be recognized or treated.</li> <li>According to the article, how do usage rates by young athletes for the following substances compare to usage rates in the general population of young people?: alcohol; cigarettes; smokeless tobacco; illicit substances.</li> <li>According to the article, list at least 4 intrinsic and 1 extrinsic factor that may contribute to overtraining and burnout in youth athletes. According to the article, describe how parents/caregivers can mitigate factors that contribute to overtraining/burnout.</li> <li>According to the article, describe how parents/caregivers can mitigate factors that contribute to overtraining/burnout.</li> </ul> </li> </ul>
youth sport and that may help to address it when it
happens.

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21	Retirement in athletes	<ul> <li><u>Reading</u>: Knights S, Sherry E, Ruddock-Hudson M.</li> <li>Investigating elite end-of- athletic-career transition: A systematic review. Journal of Applied Sport Psychology 2016;28:291-308.</li> <li><u>Writing assignment</u>: <ul> <li>According to the article, distinguish between the 2 types of transitions that athletes will face throughout their athletic career, and give examples of each.</li> <li>According to the article, list at least 3 factors that may lead to a more difficult time transitioning, and at least 3 factors that may be protective against a difficult transition.</li> <li>According to the article, describe at least 3 strategies (write at least one sentence for each) that might help athletes</li> </ul> </li> </ul>
		to transition more
22	Evencies of a two stars and for	smoothly.
22	Exercise as a treatment for	<u>Reading 1</u> : Schuch FB, Vancampfort D. Bisharda I. at al
	mental illness	Vancampfort D, Richards J, et al. Exercise as a treatment for
		depression: a meta-analysis
		adjusting for publication bias.
		Journal of Psychiatric Research
		2016;77:42-51.
		<u>Writing Assignment 1:</u>
		• In 4 or more sentences,
		summarize the results of
		the Schuch article on
		exercise as a treatment
		for depression. Based on

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	<ul> <li>these results and any other information you have, do you find it justified to recommend exercise for your patients as a treatment for depression? Why or why not?</li> <li>The optimal characteristics of exercise for people with depression and related disorders remain unknown. However, according to the Schuch article, describe the findings on <i>type</i> of exercise (aerobic, anaerobic, or mixed), <i>intensity</i> of exercise, and <i>supervision</i> of exercise for people with depression.</li> <li>Reading 2: Ramos-Sanchez CP, Schuch FB, Seedat S, et al. The anxiolytic effects of exercise for people with anxiety and related disorders: an update of the available meta-analytic evidence. Psychiatry Research 2021;302:114046.</li> <li>Writing assignment 2:         <ul> <li>In 4 or more sentences, summarize the results of the Ramos-Sanchez article on the anxiolytic effects of exercise for people with anxiety and related disorders. Based on the available meta-analytic</li> </ul> </li> </ul>
	related disorders. Based on these results and any other information you have, do you find it justified to recommend
	exercise for your patients

<ul> <li>The optimal characteristics of exert for people with anxiety and related disorders remain unknown. However, according to the Ramos-Sanchez article, describe the findings of recent research on <i>intensity</i> or exercise for people with anxiety.</li> <li>Overtraining syndrome</li> <li>Reading: Lewis NA, Collins D, Pedlar CR, et al. Can clinicians and scientists explain and prevent unexplained underperformance syndrome athletes: an interdisciplinary perspective and 2016 update. BMJ Open Sport-Exercise Medicine 2015;1(1):e000063.</li> <li>Writing assignment:         <ul> <li>According to the article list 10 common causes for athlete underperformance.</li> <li>According to the article define "unexplained underperformance.</li> <li>According to the article list 10 common causes for athlete underperformance.</li> <li>According to the article define "unexplained underperformance.</li> <li>According to the article list 10 common causes for athlete underperformance.</li> <li>According to the article define "unexplained underperformance.</li> <li>According to the article define "unexplained underperformance.</li> <li>According to the article define "unexplained underperformance syndrome" (UUPS), and explain why the author prefer this term over the more commonly used term "overtraining".</li> <li>You are a sports psychiatrist working w a 24 year old professio runner who competess the 5 kilometer run. Si</li> </ul> </li> </ul>			
<ul> <li>23 Overtraining syndrome</li> <li>Reading: Lewis NA, Collins D, Pedlar CR, et al. Can clinicians and scientists explain and prevent unexplained underperformance syndrome athletes: an interdisciplinary perspective and 2016 update. BMJ Open Sport-Exercise Medicine 2015;1(1):e000063.</li> <li>Writing assignment: <ul> <li>According to the article list 10 common causes for athlete underperformance.</li> <li>According to the article define "unexplained underperformance.</li> <li>According to the article define "unexplained underperformance.</li> <li>According to the article define "unexplained underperformance.</li> <li>You are a sports psychiatrist working w a 24 year old professio runner who competes the 5 kilometer run. Sl</li> </ul> </li> </ul>			<ul> <li>anxiety? Why or why not?</li> <li>The optimal characteristics of exercise for people with anxiety and related disorders remain unknown. However, according to the Ramos-Sanchez article, describe the findings of recent research on <i>intensity</i> of exercise for people with</li> </ul>
experience athletic	23	Overtraining syndrome	Reading:Lewis NA, Collins D, Pedlar CR, et al. Can clinicians and scientists explain and prevent unexplained underperformance syndrome in athletes: an interdisciplinary perspective and 2016 update. BMJ Open Sport-Exercise Medicine 2015;1(1):e000063.Writing assignment:• According to the article, list 10 common causes for athlete underperformance.• According to the article, define "unexplained underperformance.• According to the article, define "unexplained underperformance• According to the article, define "unexplained 

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		fatigue over the past 2
		months, during one of her
		highest mileage times of
		year, with no immediate
		explanation. According
		to the article, describe the
		following as applicable to
		your work with her: a)
		15 items within her
		psychiatric/other
		medical/sport training
		, , , , , , , , , , , , , , , , , , , ,
		history about which to
		ask her in order to help
		with diagnosis of the
		problem; b) 9 routine
		tests to consider
		obtaining; c)
		recommended
		management plan,
		specifically addressing
		any additional referrals
		to be made, if history and
		tests return negative; d)
		advise you might give to
		her coach regarding the
		importance of <i>athlete</i>
		perception of the training
		plan.
24	Athletes with disabilities	Reading: Swartz L, Hunt X,
24	Athletes with disabilities	Bantjes J, et al. Mental health
		symptoms and disorders in
		Paralympic athletes: a narrative
		review. British Journal of Sports
		Medicine 2019;53(12):737-740.
		Writing assignment:
		• According to the article
		and in the context of the
		stereotype that people
		with disabilities must
		have emotional problems,
		including mental health
		symptoms and disorders,
		describe at least 3
		negative consequences of

r		
		the "Super-crip"
		phenomenon.
		<ul> <li>According to the article,</li> </ul>
		provide at least 1
		potential benefit that
		might be obtained from
		or serve as rationale for
		additional research on
		each topic from the
		following list: stressors
		particular to participation
		in elite disability sport; a
		wider range of symptoms
		of psychological distress
		including the impact of
		trauma; the impact of
		participation in disability
		sport on personhood and
		mental health; mental
		health impact of
		retirement from elite
		disability sport; and
		therapeutic potential of
		disability sport to
		promote mental health.
25	The role of culture in sports	Reading: Castaldelli-Maia J, de
		Mello e Gallinaro JG, Falcao RS,
		et al. Mental health symptoms
		and disorders in elite athletes: a
		systematic review on cultural
		influencers and barriers to
		athletes seeking
		treatment. British Journal of
		Sports Medicine 2019;53(11):
		707-721.
		Writing assignment:
		• According to the article,
		write at least 4 sentences
		describing how stigma is
		the strongest barrier in
		athletes seeking mental
		health treatment. Find
		one example from the
1		media of an athlete
		I menta or an armere

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	speaking out publicly
	about their own mental
	health challenges.
	Provide the citation (e.g.,
	web link) for your
	example, and write at
	least 3 sentences
	describing the example,
	including if and how you
	think this athlete's public
	acknowledgement might
	challenge mental health
	stigma among athletes.
	<ul> <li>According to the article,</li> </ul>
	<ul> <li>According to the article, name at least 8 factors</li> </ul>
	that may facilitate elite
	athletes seeking mental
	healthcare.
	• Find at least one other
	research article that
	discusses any mental
	health risks or concerns
	within a racial or ethnic
	minority athlete
	population. Provide the
	citation, and write at least
	4 sentences to summarize
	the findings described in
	the article.
	• Find at least one other
	research article that
	discusses any mental
	health risks or concerns
	within an LGBTQ athlete
	population. Provide the
	citation, and write at least
	4 sentences to summarize
	the findings described in
	the article.
	Reflect on your own
	cultural background and,
	if applicable, your own
	history of sports
	participation. Write a
	paragraph on how this

		ha alranova d usi alet affer st
		background might affect
		interactions with athlete-
		patients from a variety of
		demographic groups.
26	Working with sports	<u>Reading:</u> McDuff DR, Garvin M.
	organizations and teams	Working with sports
		organizations and teams.
		International Review of
		Psychiatry 2016;28(6):595-605.
		Writing assignment:
		<ul> <li>According to the article, describe</li> </ul>
		recommendations for the
		following aspects of sports performance and
		mental health services for
		athletic teams: a) timing and location of services
		offered; b) diversity and
		make-up of professionals
		providing these services;
		and c) integration of
		these services with those
		of the rest of the sports
		medicine team.
		Imagine that you are
		considering a job offer to
		work as a sports
		psychiatrist for a
		professional baseball
		team. The offer notes
		that you would only be
		employed during the
		playing season, as it is not
		felt that there would be
		enough work to keep you
		busy during other times
		of the year. According to
		the article, describe at
		least one service that in
		fact you could provide for
		the team during each of
		the following times, and
		thus, your rationale for
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27	Ethical issues in sports psychiatry	<ul> <li>why it would be prudent to hire a sports psychiatrist <i>year-round</i> for a professional sports team: a) off-season; b) pre-season; c) season; d) post season.</li> <li>Imagine you are the sports psychiatrist who directs mental health services for a professional basketball team. Administrative leadership of the team is proposing that you and your mental health team's services be evaluated based on win/loss tallies of the team. According to the article, describe reasons why this might not be an accurate metric, and list at least 7 metrics that might be more appropriate.</li> <li>Reading: None. Answer questions to the best of your availability with resources/experiences available to you, including any readings and discussions with supervisors or mentors. It is understood that, with no single reference article available, answers will vary, and leeway will be granted in scoring this item. Thoroughness and reasons for your responses are required.</li> <li>Writing assignment:</li> </ul>
		<ul> <li>Writing assignment:</li> <li>Describe how you would handle the following ethical challenges:</li> </ul>

a) You are a salaried
employee in the
athletic department at
a Division I university,
employed to treat
student athletes. You
are treating a female
softball player for
recurrent major
depressive disorder,
PTSD, and borderline
personality disorder.
She has had 3
hospitalizations in the
last 18 months, and
this has proven
disruptive to her team. The athlete's
athletic trainer and
coach contact you to ask about prognosis
and likelihood of
future
decompensations and
hospitalizations, as
they are considering
cutting her from the
team due to her
mental health
absences. Comment
on this specific
situation, as well as
any larger strategies
for addressing the
potential conflict of
interest in roles you
fill.
b) You are treating a
football player at a
Division I university
for generalized
anxiety disorder and
alcohol use disorder.
You are aware that it
is common knowledge

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		among the football
		players that internal
		drug testing happens
		on Monday
		afternoons. He
		recently admits to
		having been using a
		friend's
		methylphenidate to
		help with studying.
		He is aware of NCAA
		prohibitions against
		this, in the absence of
		an official diagnosis
		and appropriate
		documentation. He
		asks if you are able to
		make that diagnosis,
		as he believes it is
		present, and in the
		meantime, he asks
		about the half-life of
		methylphenidate so
		that he can avoid
		testing positive on
		Monday afternoons.
	c)	You are treating a
	,	sprinter at a Division I
		university for panic
		disorder and major
		depressive disorder.
		She wins the NCAA
		National
		Championship 100
		meter dash. She
		would like to give you
		her track jersey to add
		to your office decor as
		a token of her
		appreciation (she
		observes that you
		have some generic
		sports decorations
		but nothing related to
		track and field, and it
<u> </u>		,

would make her feel good to have her sport represented on your walls). She points out that nothing on the jersey will indicate from whom it came.
Now that you have completed the curriculum, the learner and attending supervisor are asked to please complete brief evaluations of the curriculum. See above for web links to do so.

**Other information**: Membership in the International Society for Sports Psychiatry (ISSP) is available to medical students, residents, and fellows who are interested in the field, at discounted rates for trainees (free for medical students). More information is available at: <u>https://sportspsychiatry.org</u>. The ISSP typically holds its annual Business Meeting and Scientific Session every spring, and anyone with interest is invited to attend (information about this event posted on the ISSP website and sent out on the membership list-serv in advance of the meeting). Additionally, a group mentorship program is available to interested ISSP members as part of ISSP membership.

#### Additional references for those interested in further reading:

Baron DA, Reardon CL, Baron SH, eds. Clinical Sports Psychiatry: An International Perspective. United Kingdom: Wiley, 2013.

Begel D, Burton RW, eds. Sport Psychiatry. New York: Norton Professional Books, 2000.

Creado SA. Peak Sleep Performance for Athletes: The Cutting-Edge Sleep Science That Will Guarantee a Competitive Advantage. Available on Kindle and Amazon, 2020.

Glick I, Kamis D, Stull T, eds. The ISSP Manual of Sports Psychiatry. New York: Routledge Press, 2018.

McDuff DR. Sports Psychiatry: Strategies for Life Balance and Peak Performance. Arlington (USA): American Psychiatric Publishing, 2012. Mistry AD, McCabe T, Currie A, eds. Case studies in sports psychiatry. UK: Cambridge, 2020.

Noordsy D, ed. Lifestyle Psychiatry. Arlington (USA): American Psychiatric Publishing, 2019.