Elsevier Education Platforms – The Best Medical Sources for Students

21 Annual Conference on Professional Information Resources, Prague

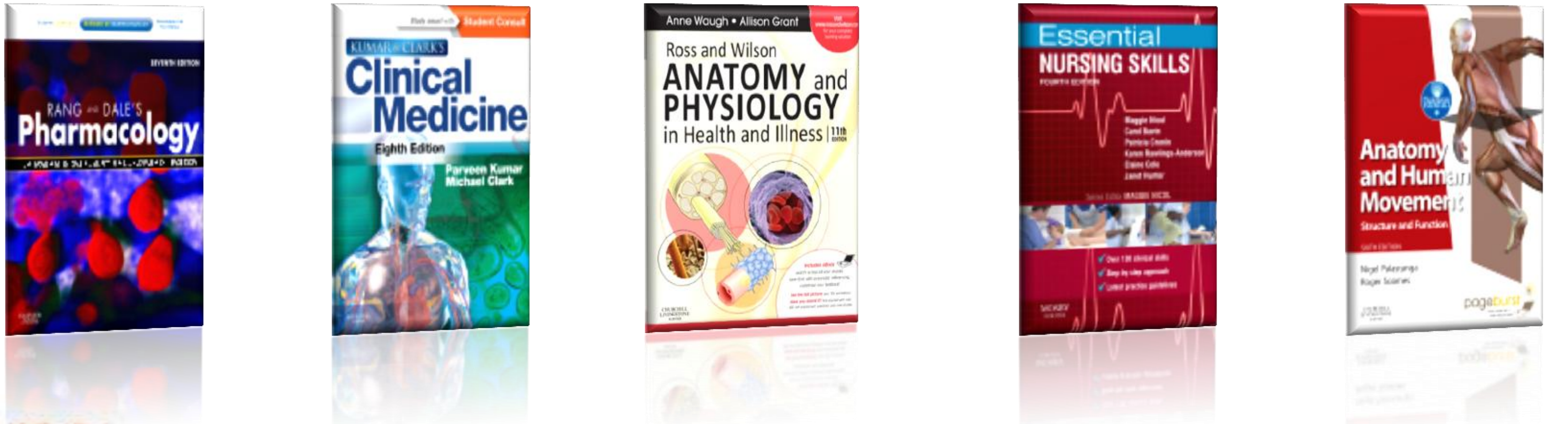
Presented By **Beata Fidzińska**

Date 27.05.2015

- Elibrary
- InteractElsevier
- ExamPrep

Elibrary

ebooks collection for institutions, offering multi-user access to a superior range of core **medical** and **health science** ebooks.

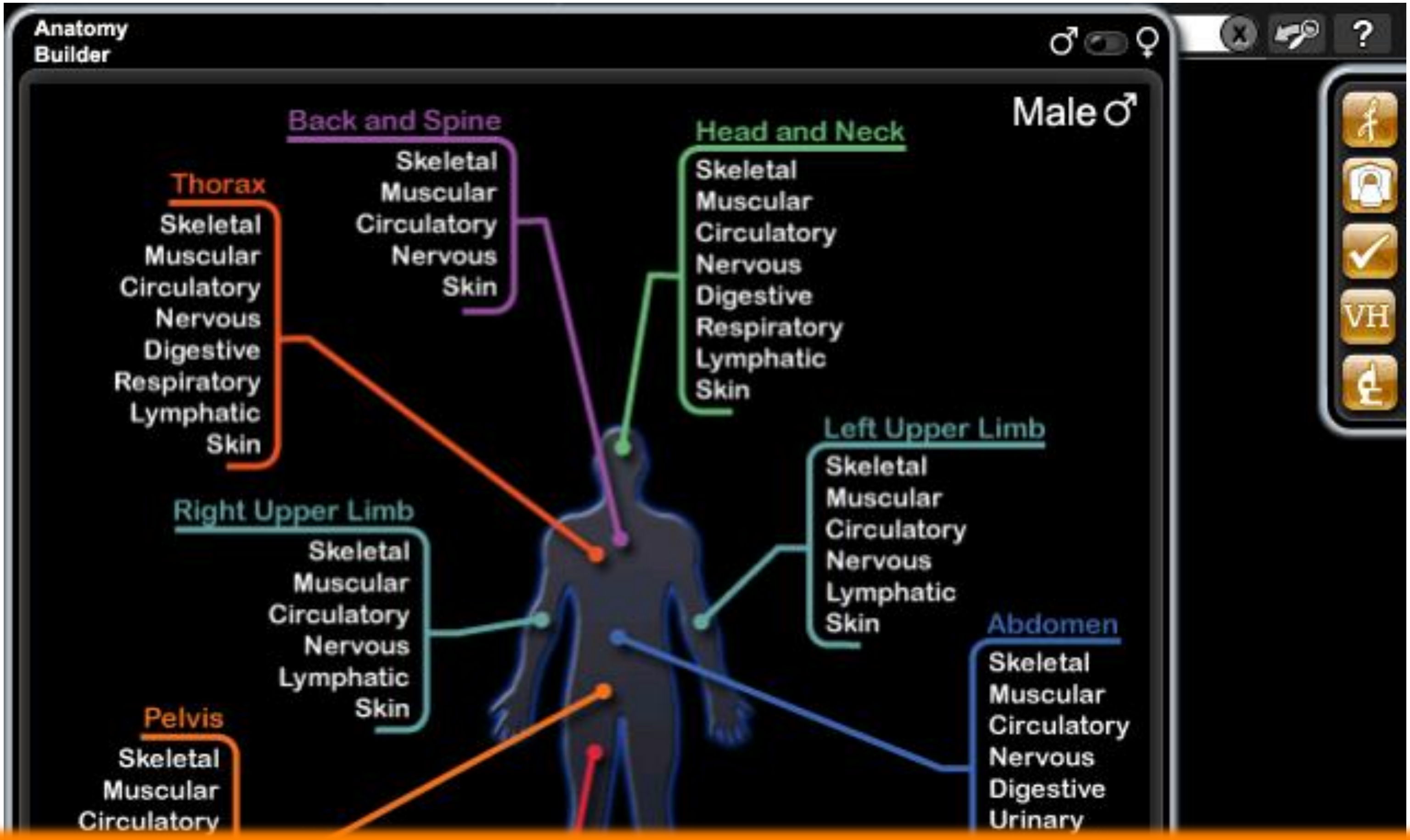

SEVENTH EDITION
RANG and DALE'S
Pharmacology
KUMAR & CLARK'S
Clinical Medicine
Eighth Edition
Parveen Kumar
Michael Clark
Student Consult
Anne Waugh • Allison Grant
Ross and Wilson
ANATOMY and PHYSIOLOGY
in Health and Illness
11th EDITION
Essential
NURSING SKILLS
FOURTH EDITION
Anatomy and Human Movement
Structure and Function
pageburst

E library

E library

- Users can personalise ebooks to suit their needs**: add notes, highlight, bookmark, copy and paste text.**
- Simple and **advanced search across titles** helps them to find information they need **quickly and effortlessly**.
- Users will always be accessing the **latest ebook content** – **new editions are added to your account**
- **Assurance** that users are accessing the **highest quality** online content from Elsevier, written by some of the worlds leading and most respected authors.

InteractElsevier


Anatomy Builder
♂ ♀
?
VH
Male ♂
Back and Spine
Skeletal
Muscular
Circulatory
Nervous
Skin
Head and Neck
Skeletal
Muscular
Circulatory
Nervous
Digestive
Respiratory
Lymphatic
Skin
Thorax
Skeletal
Muscular
Circulatory
Nervous
Digestive
Respiratory
Lymphatic
Skin
Left Upper Limb
Skeletal
Muscular
Circulatory
Nervous
Lymphatic
Skin
Right Upper Limb
Skeletal
Muscular
Circulatory
Nervous
Lymphatic
Skin
Abdomen
Skeletal
Muscular
Circulatory
Nervous
Digestive
Urinary
Pelvis
Skeletal
Muscular
Circulatory

NETTER 3D - The best way to explore human anatomy!

Who is it for?

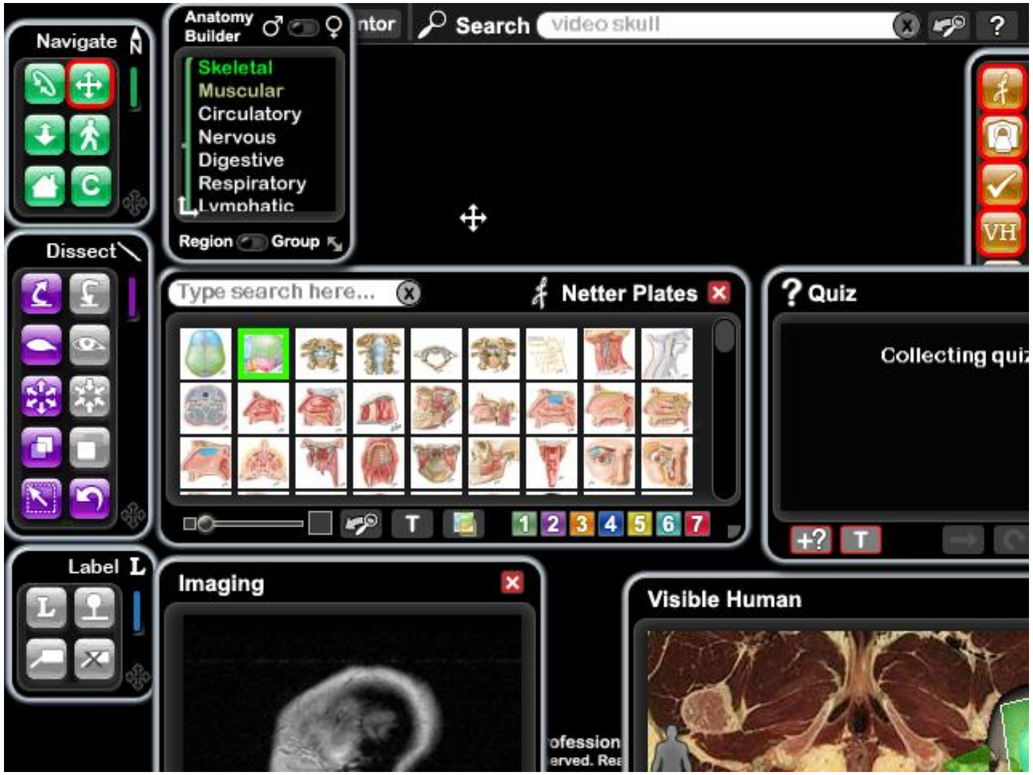
- Students of Medicine

- Anatomy lecturers

- Professionals

Main Features:

- Anatomy builder – regional or group/structural view
- Mentor
- Search function
- Interfaces –
    - Netter‘s Interface
    - Imaging interface
    - Quiz interface
    - Visible Human interface
    - Exercises


Navigate
Anatomy Builder
Skeletal
Muscular
Circulatory
Nervous
Digestive
Respiratory
Lymphatic
Region
Group
ntor
Search
video skull
?
VH
Dissect
Type search here...
Netter Plates
Quiz
Collecting qui
1
2
3
4
5
6
7
T
+?
Label
Imaging
Visible Human

ExamPrep

A New Adaptive Learning Tool from Elsevier

ExamPrep – what is it?

ExamPrep is a new testing and assessment tool from Elsevier. Using adaptive technology, ExamPrep's learning planner moves medical students efficiently and effectively towards mastery of topics

ExamPrep – who is it for?

STUDENTS

For students who want to achieve exam success, ExamPrep is a learning and revision tool that pinpoints strengths and weaknesses and adapts to deliver targeted revision and remediation content.

FACULTY

For faculty who want to provide personalised learning support, ExamPrep is an adaptive testing and assessment tool providing instant results and feedback from Elsevier's leading textbooks.

DEANS

For deans who want to assess performance across the curriculum, ExamPrep's detailed statistics facilitate benchmarking of results with education quality standards.

LIBRARIANS

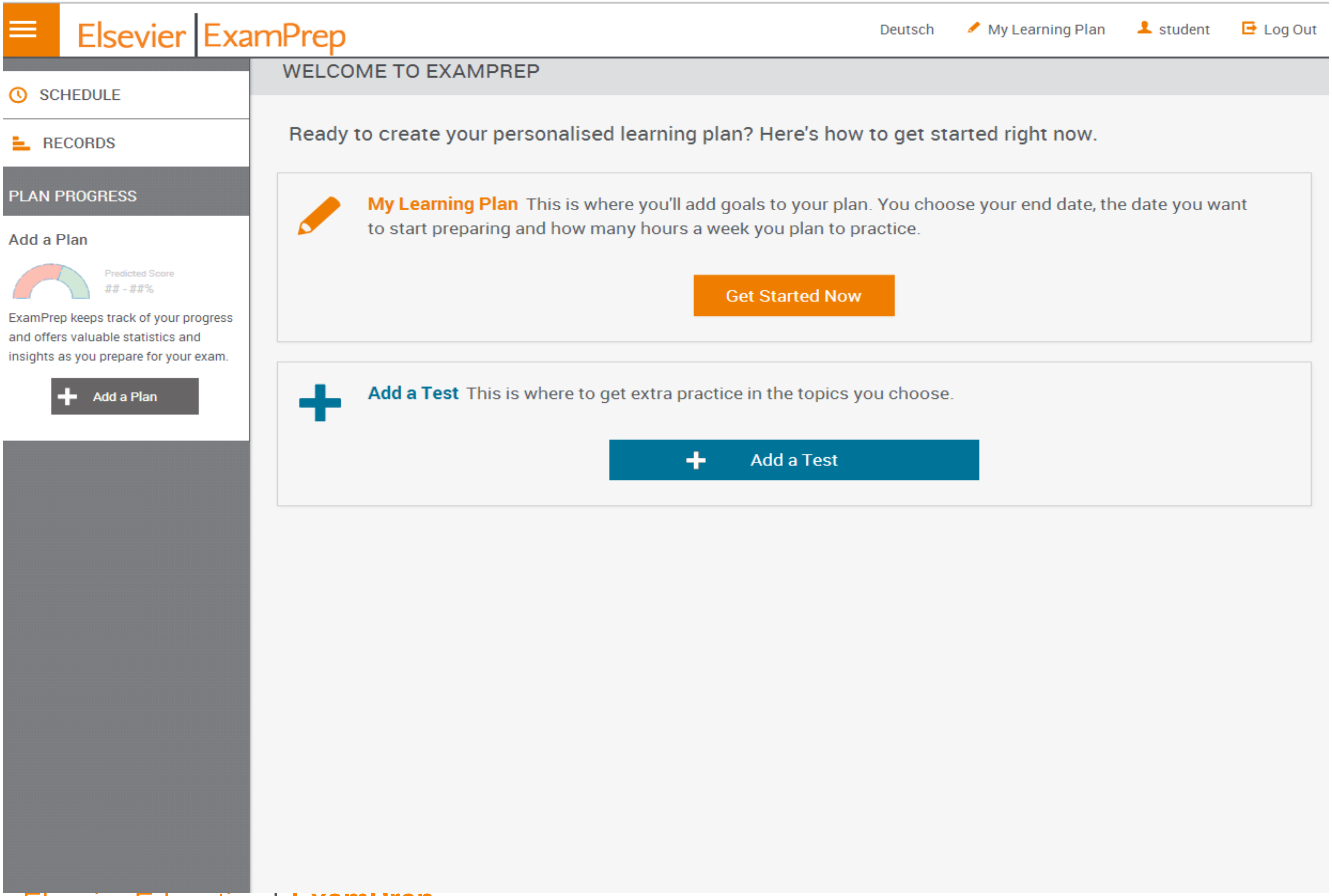
For librarians who want to recommend a trusted, adaptive learning tool, ExamPrep dynamically creates personalised learning plans to progress students towards exam success.

eLEARNING MANAGERS

For elearning managers wanting to introduce an adaptive testing and assessment tool into the curriculum, ExamPrep meets the needs of students both on and off campus.

Feature	Description
Question Banks - **Basic Science** - **Medical Finals** - **MRCP 2**	Basic Science: Over 2000 single-best answer and extended-matching questions Medical Finals: Over 2000 single-best answer and extended-matching questions MRCP 2: 1000 single best answer questions
Learning Planner	Students can create personalised learning plan based on time available to study, number of simulated exams required and test dates. Learning plan schedule can be viewed on a daily, weekly or monthly timeline.
Adaptive Testing	All quizzes are composed of questions adaptively chosen for the student based on their performance history. Every answer to every question on any quiz or exam is captured and used to dynamically update the systems estimate of the learner's mastery level.
Learning or Exam Mode	Students can select learning or exam mode – to support formative and summative assessment. Learning mode provides feedback on whether question answered correctly or incorrectly, with rationales as to why, and with further reading material during the assessment. Exam Mode provides performance feedback and remediation at the end of the assessment.
Performance Statistics	Review historical test performance by topic, questions answered correctly and incorrectly, session time, average time per session and mastery level by topic area.
Offline Access	ExamPrep is accessible online and offline across all devices. No app is required for online access. If wifi connection lost, ExamPrep caches the next 50 questions , which is approximately an hour's worth of testing. Offline test results are synchronised with performance statistics when the user logs back in online.

Homepage


Elsevier | ExamPrep
Deutsch
My Learning Plan
student
Log Out
SCHEDULE
RECORDS
PLAN PROGRESS
Add a Plan
Predicted Score
## - ##%
Add a Plan
Get Started Now
Add a Test

WELCOME TO EXAMPREP

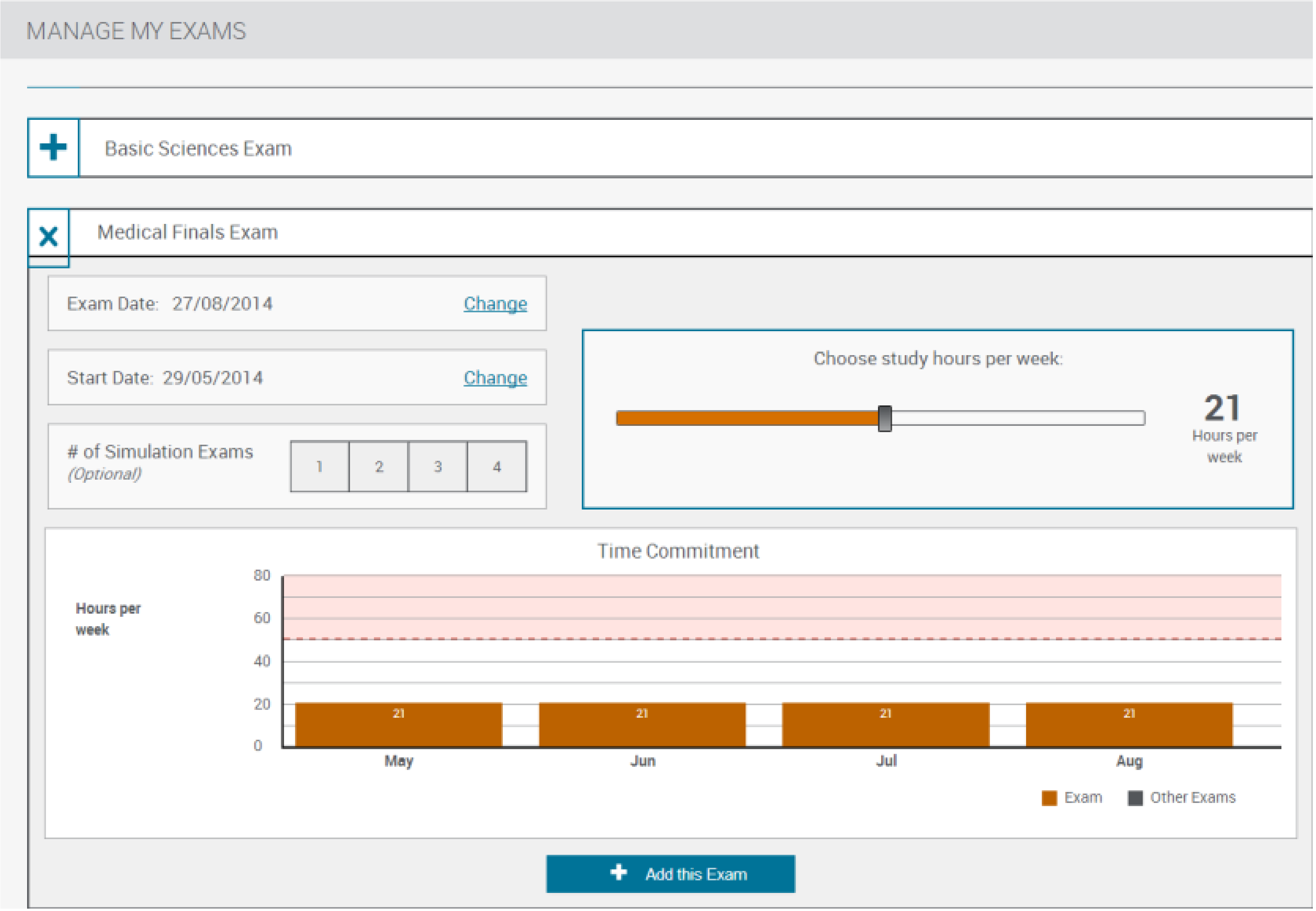
Ready to create your personalised learning plan? Here's how to get started right now.

My Learning Plan This is where you'll add goals to your plan. You choose your end date, the date you want to start preparing and how many hours a week you plan to practice.

Add a Test This is where to get extra practice in the topics you choose.

ExamPrep keeps track of your progress and offers valuable statistics and insights as you prepare for your exam.

Setting up the Learning Planner



MANAGE MY EXAMS

Basic Sciences Exam

Medical Finals Exam

Exam Date: 27/08/2014 Change

Start Date: 29/05/2014 Change

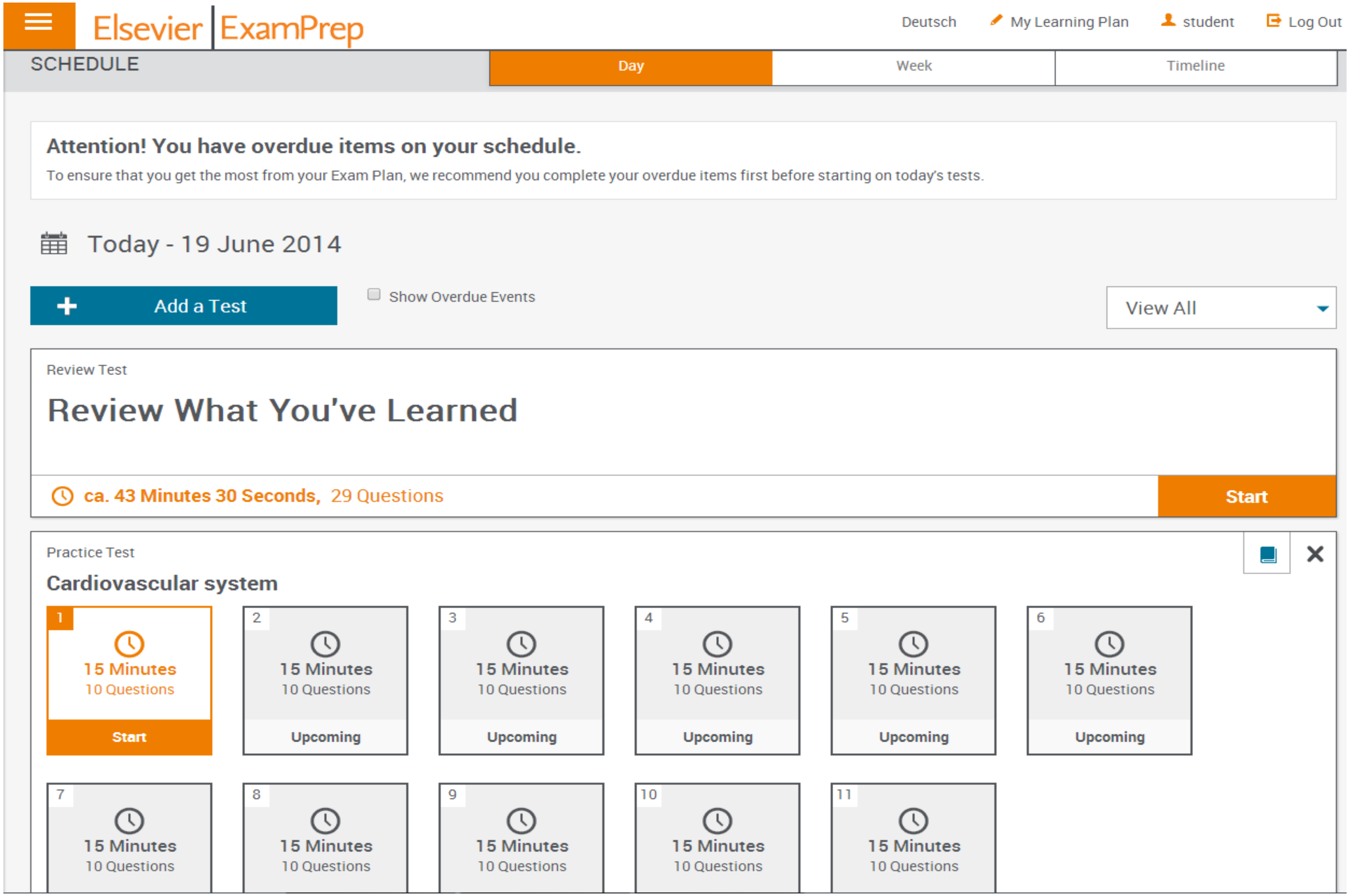
# of Simulation Exams *(Optional)* 1 2 3 4

Choose study hours per week: 21 Hours per week

Time Commitment

Hours per week
80
60
40
20
0
21
21
21
21
May
Jun
Jul
Aug
Exam
Other Exams
Add this Exam

Learning Planner – Daily Tasks



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My Learning Plan
student
Log Out
SCHEDULE
Day
Week
Timeline

Attention! You have overdue items on your schedule.

To ensure that you get the most from your Exam Plan, we recommend you complete your overdue items first before starting on today's tests.

Today - 19 June 2014

+ Add a Test
☐ Show Overdue Events
View All

Review Test

Review What You've Learned

ca. 43 Minutes 30 Seconds, 29 Questions

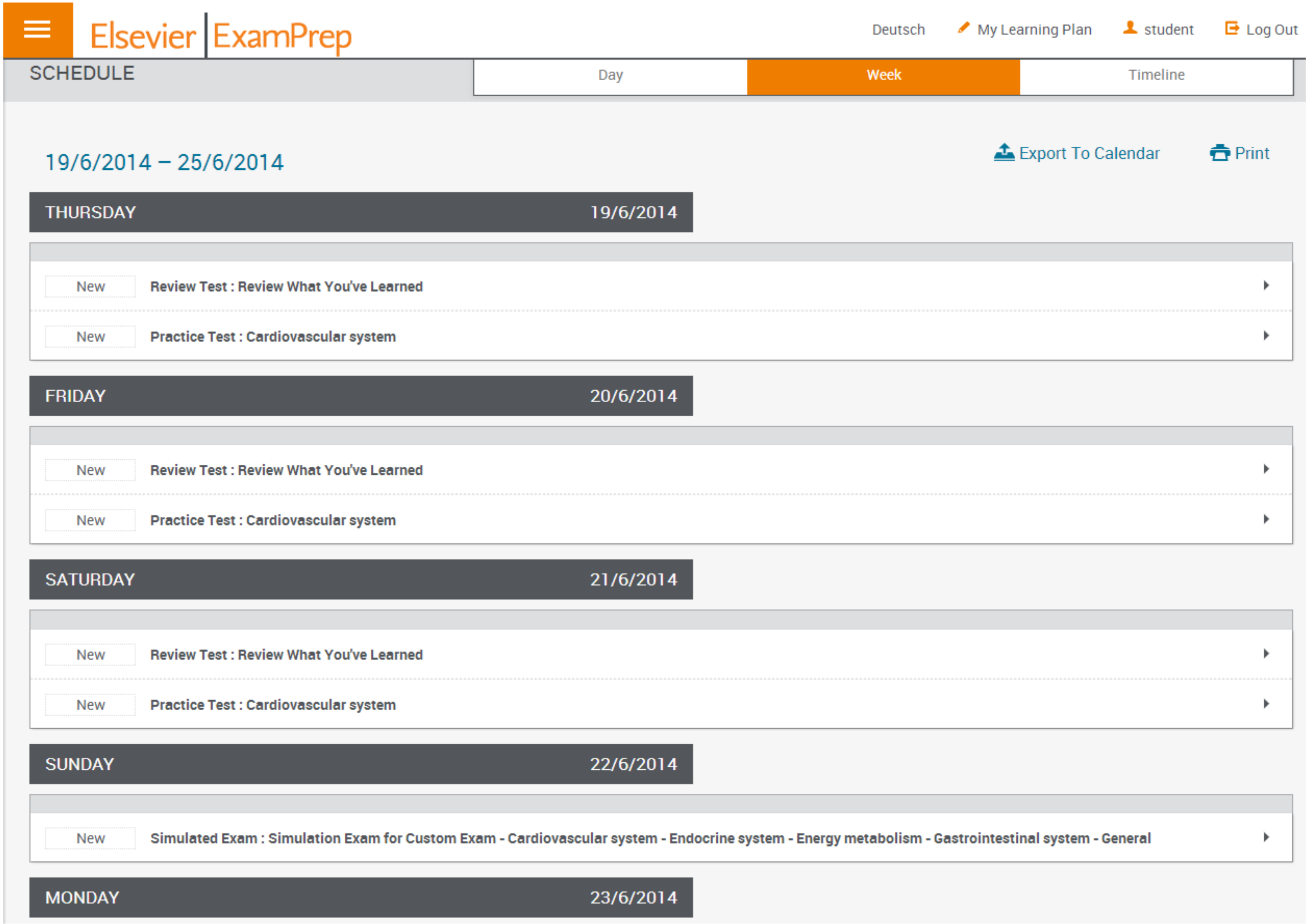
Start

Practice Test

Cardiovascular system

1 15 Minutes 10 Questions Start	2 15 Minutes 10 Questions Upcoming	3 15 Minutes 10 Questions Upcoming	4 15 Minutes 10 Questions Upcoming	5 15 Minutes 10 Questions Upcoming	6 15 Minutes 10 Questions Upcoming
7 15 Minutes 10 Questions	8 15 Minutes 10 Questions	9 15 Minutes 10 Questions	10 15 Minutes 10 Questions	11 15 Minutes 10 Questions	

Learning Planner – Weekly Tasks



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student
Log Out
Day
Week
Timeline
Export To Calendar
Print

SCHEDULE

19/6/2014 – 25/6/2014

THURSDAY 19/6/2014

New Review Test : Review What You've Learned

New Practice Test : Cardiovascular system

FRIDAY 20/6/2014

New Review Test : Review What You've Learned

New Practice Test : Cardiovascular system

SATURDAY 21/6/2014

New Review Test : Review What You've Learned

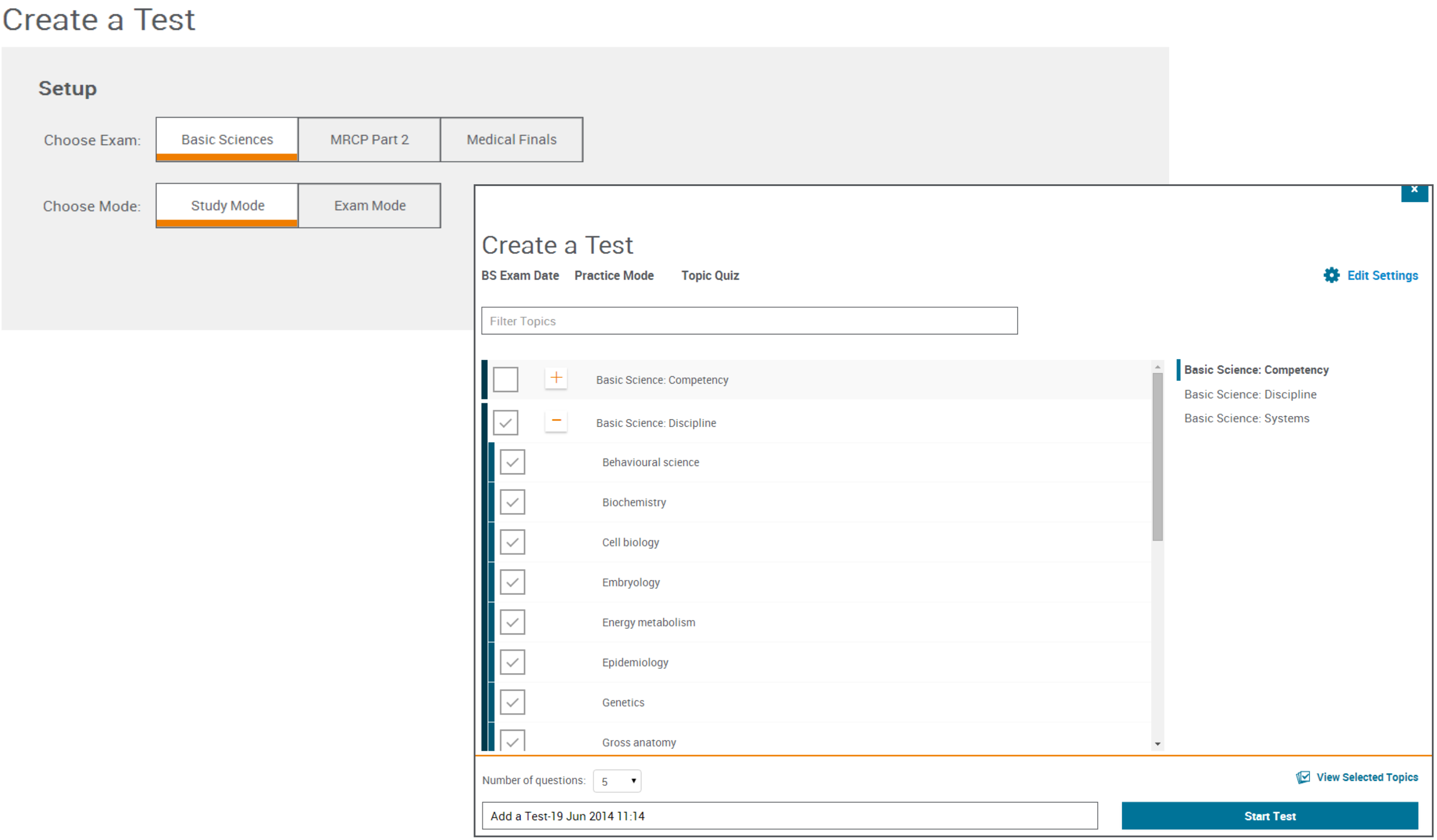
New Practice Test : Cardiovascular system

SUNDAY 22/6/2014

New Simulated Exam : Simulation Exam for Custom Exam - Cardiovascular system - Endocrine system - Energy metabolism - Gastrointestinal system - General

MONDAY 23/6/2014

Creating a Test



Create a Test

Setup

Choose Exam: [✓ Basic Sciences] MRCP Part 2 Medical Finals

Choose Mode: [✓ Study Mode] Exam Mode

Create a Test

BS Exam Date **Practice Mode** **Topic Quiz**

×
Edit Settings
Filter Topics

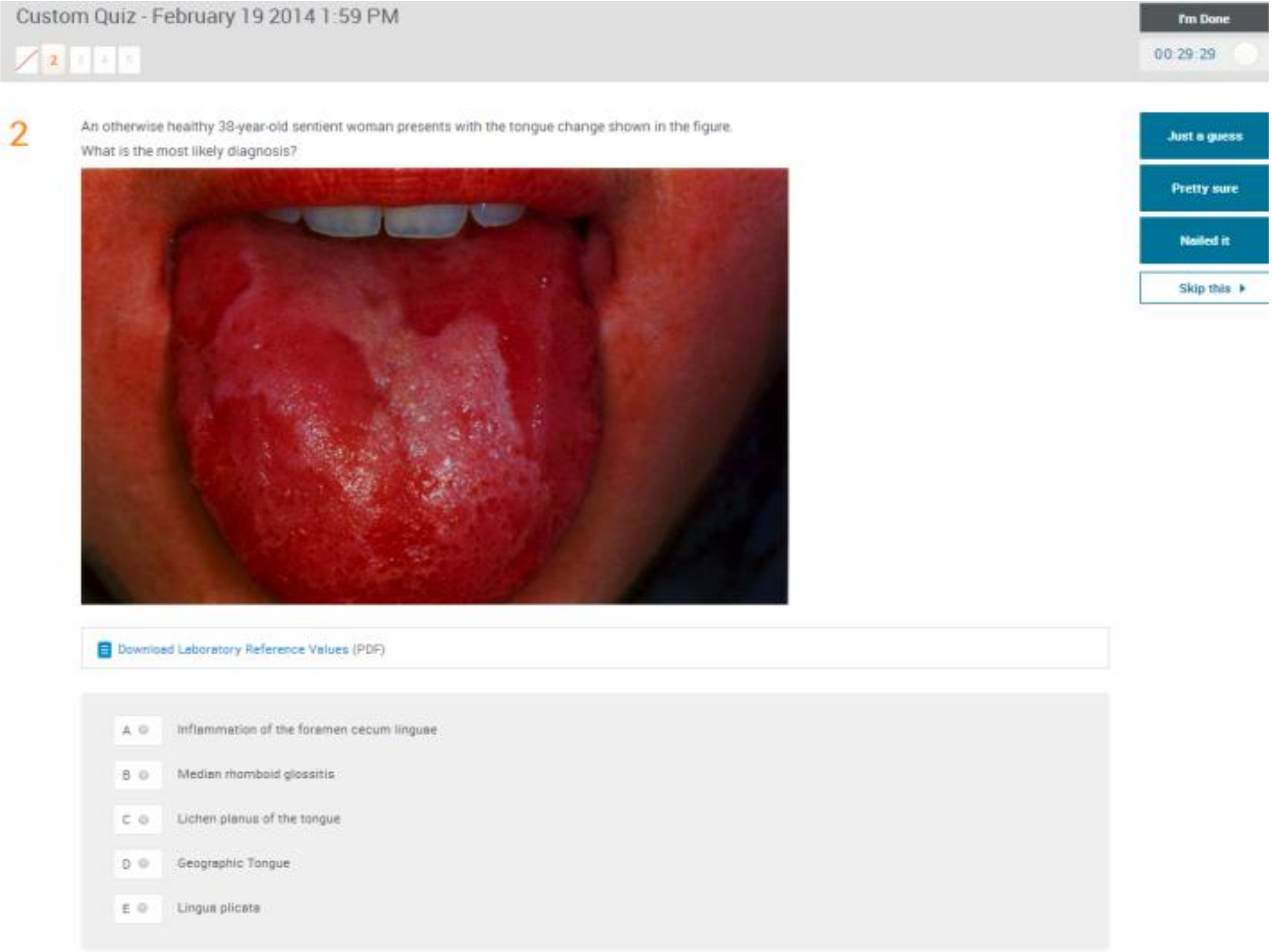
- ☐ + Basic Science: Competency
- ☑ − Basic Science: Discipline
  - ☑ Behavioural science
  - ☑ Biochemistry
  - ☑ Cell biology
  - ☑ Embryology
  - ☑ Energy metabolism
  - ☑ Epidemiology
  - ☑ Genetics
  - ☑ Gross anatomy

Basic Science: Competency
Basic Science: Discipline
Basic Science: Systems
View Selected Topics

Number of questions: 5

Add a Test-19 Jun 2014 11:14

Taking a Test


I'm Done
00:29:29
2
3
4
5
Just a guess
Pretty sure
Nailed it
Skip this ▸
Download Laboratory Reference Values (PDF)

Custom Quiz - February 19 2014 1:59 PM

2 An otherwise healthy 38-year-old sentient woman presents with the tongue change shown in the figure. What is the most likely diagnosis?

A ○ Inflammation of the foramen cecum linguae

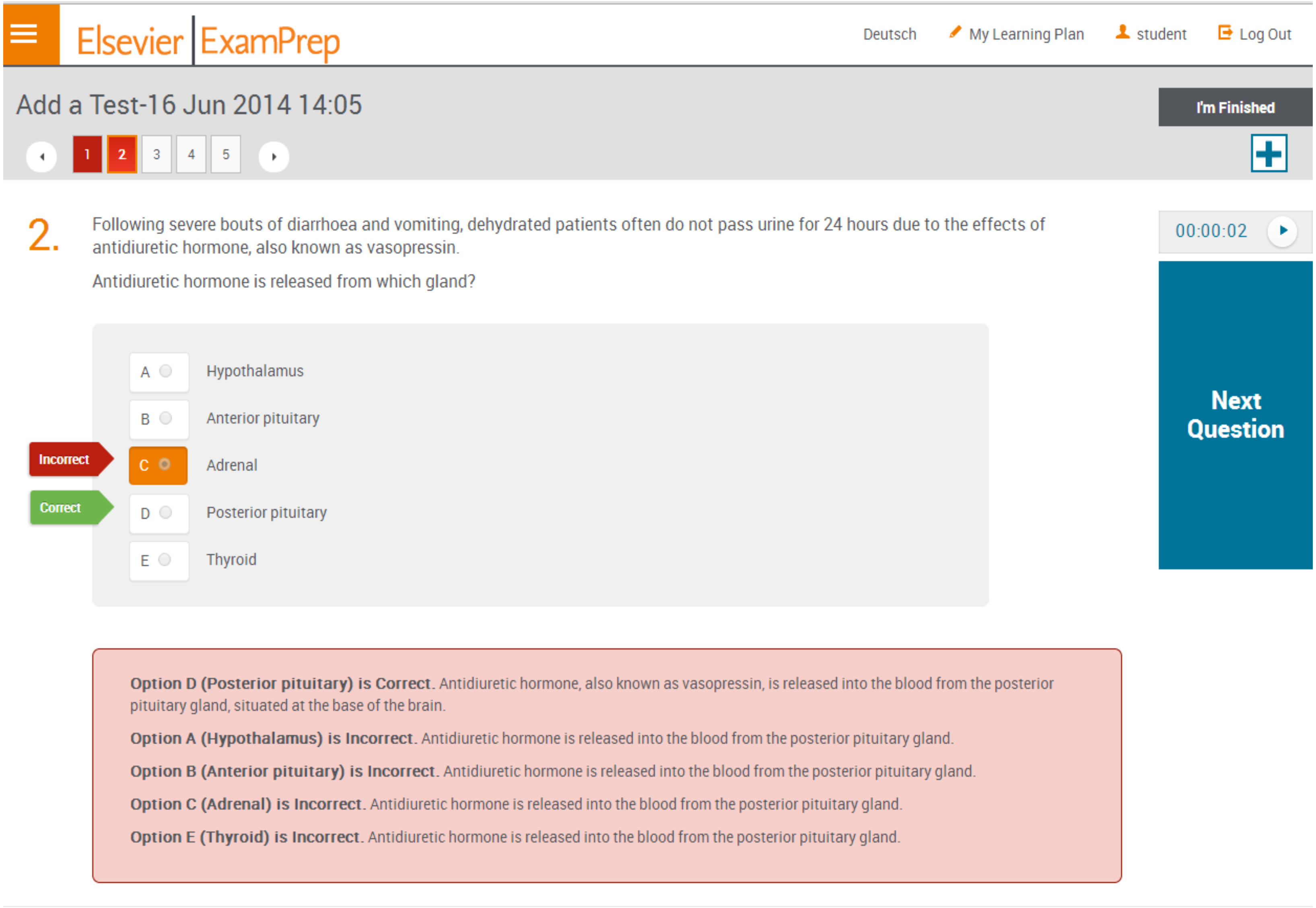
B ○ Median rhomboid glossitis

C ○ Lichen planus of the tongue

D ○ Geographic Tongue

E ○ Lingua plicata

Feedback and Remediation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student
Log Out
I'm Finished
1
2
3
4
5
00:00:02
Next Question
Incorrect
Correct

Add a Test-16 Jun 2014 14:05

2. Following severe bouts of diarrhoea and vomiting, dehydrated patients often do not pass urine for 24 hours due to the effects of antidiuretic hormone, also known as vasopressin.

Antidiuretic hormone is released from which gland?

A ○ Hypothalamus
B ○ Anterior pituitary
C ● Adrenal
D ○ Posterior pituitary
E ○ Thyroid

Option D (Posterior pituitary) is Correct. Antidiuretic hormone, also known as vasopressin, is released into the blood from the posterior pituitary gland, situated at the base of the brain.

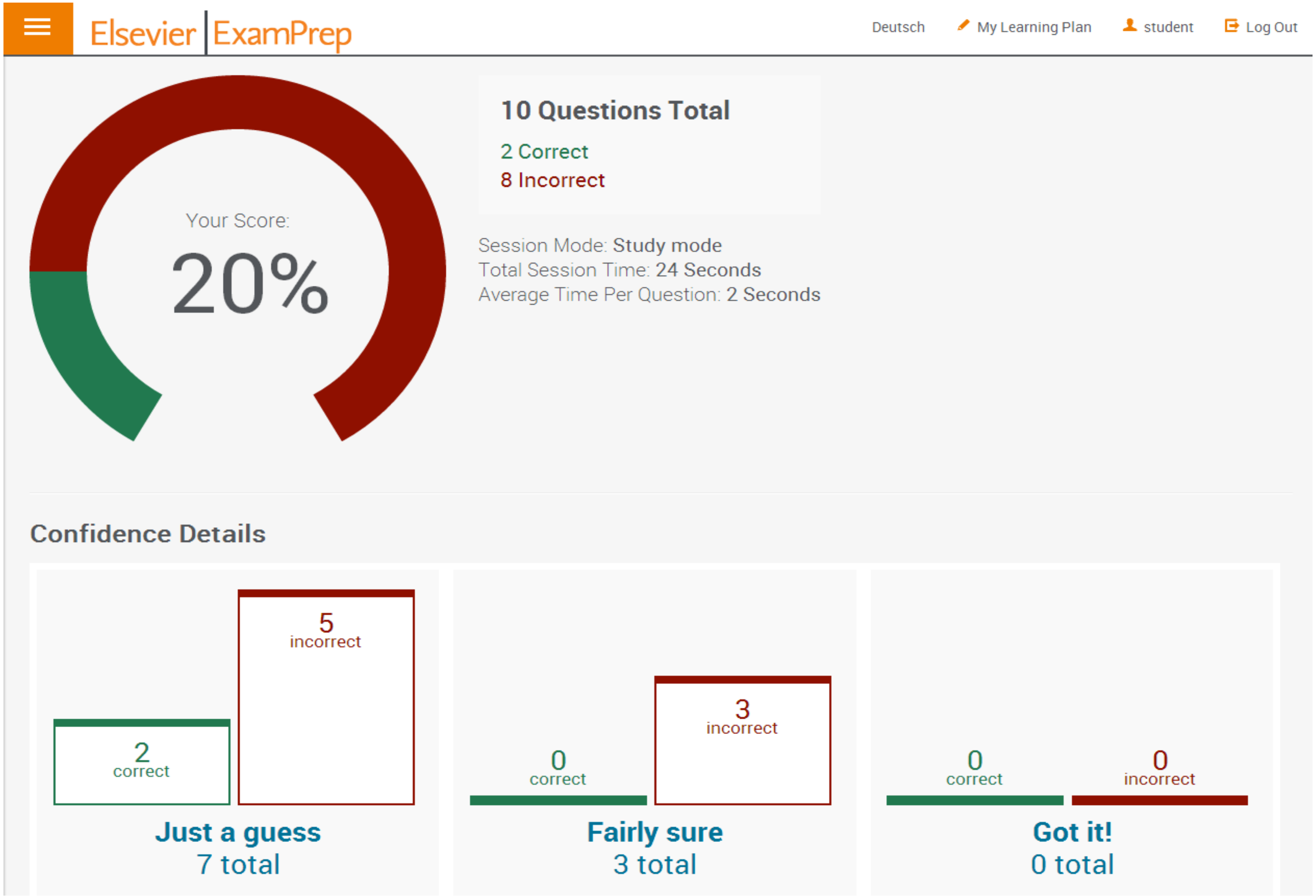
Option A (Hypothalamus) is Incorrect. Antidiuretic hormone is released into the blood from the posterior pituitary gland.

Option B (Anterior pituitary) is Incorrect. Antidiuretic hormone is released into the blood from the posterior pituitary gland.

Option C (Adrenal) is Incorrect. Antidiuretic hormone is released into the blood from the posterior pituitary gland.

Option E (Thyroid) is Incorrect. Antidiuretic hormone is released into the blood from the posterior pituitary gland.

Summary Statistics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Your Score:
20%

10 Questions Total

2 Correct
8 Incorrect

Session Mode: Study mode
Total Session Time: 24 Seconds
Average Time Per Question: 2 Seconds

Confidence Details

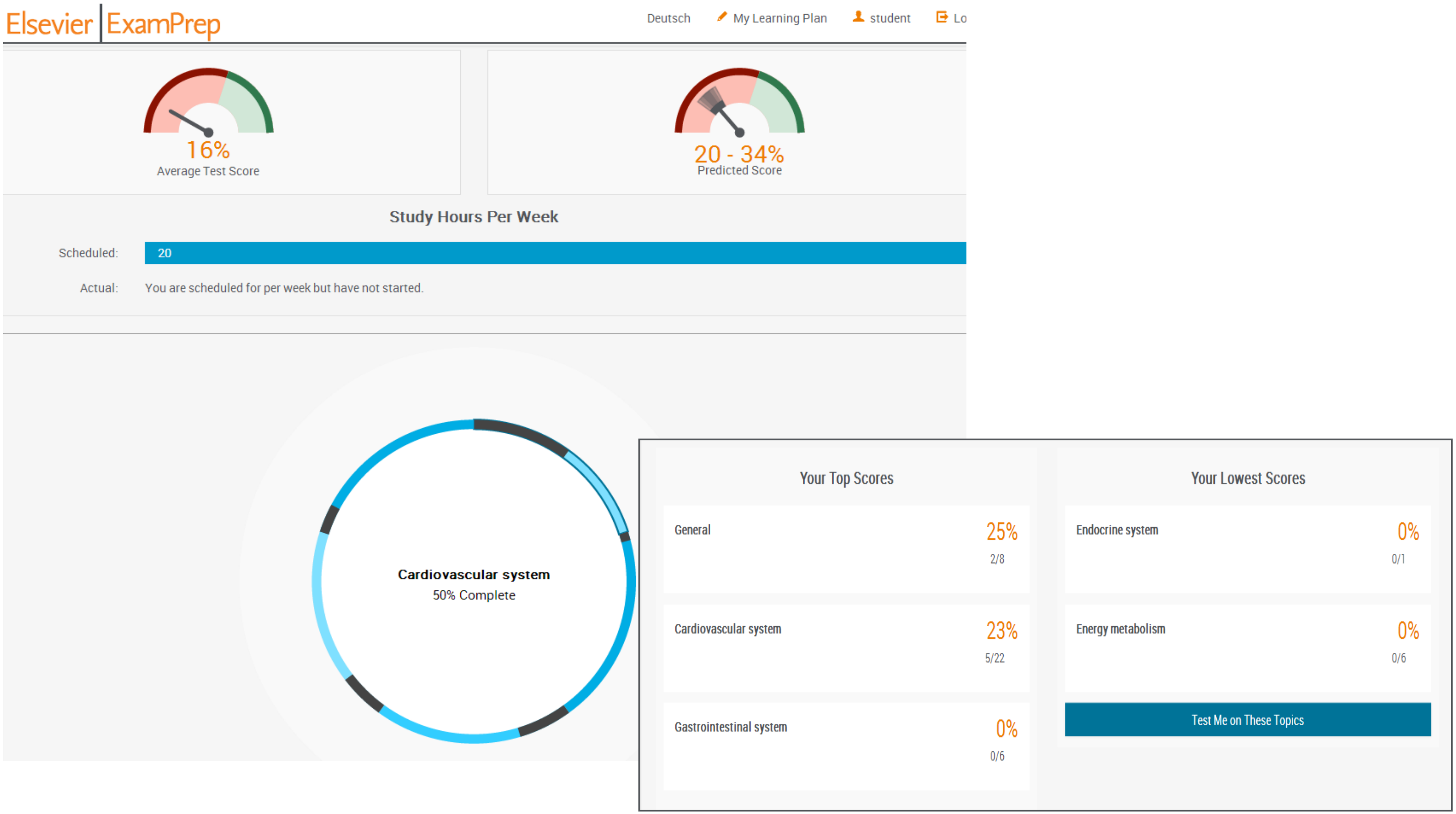
2 correct
5 incorrect
0 correct
3 incorrect
0 correct
0 incorrect

Just a guess
7 total

Fairly sure
3 total

Got it!
0 total

Review of correct and incorrect answers



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Lo

16%
Average Test Score

20 - 34%
Predicted Score

Study Hours Per Week

Scheduled: 20

Actual: You are scheduled for per week but have not started.

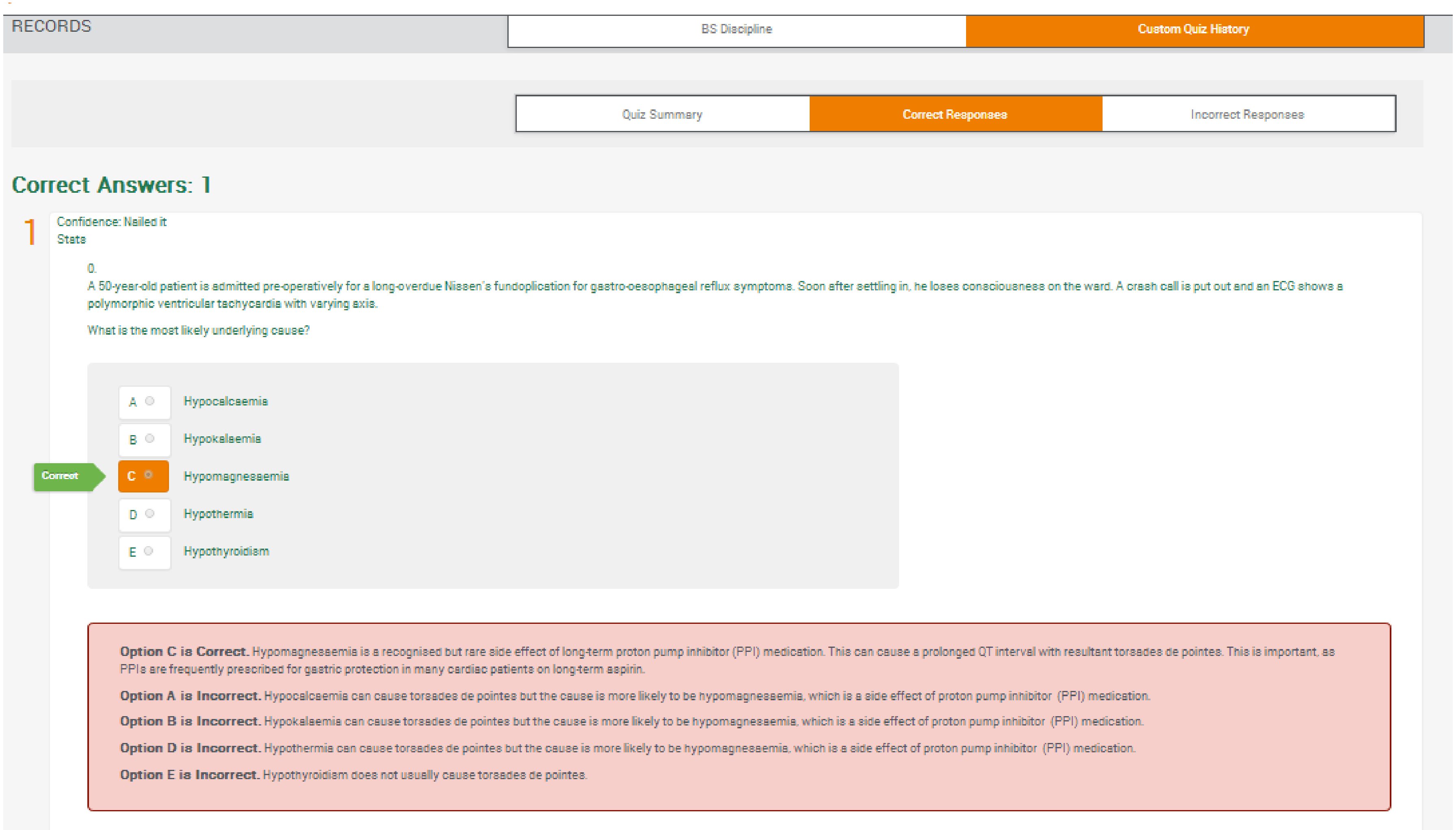
Cardiovascular system
50% Complete

Your Top Scores		
General	25%	2/8
Cardiovascular system	23%	5/22
Gastrointestinal system	0%	0/6

Your Lowest Scores		
Endocrine system	0%	0/1
Energy metabolism	0%	0/6

Test Me on These Topics

Review of correct and incorrect answers



Correct Answers: 1

1 Confidence: Nailed it
Stats

0.

A 50-year-old patient is admitted pre-operatively for a long-overdue Nissen's fundoplication for gastro-oesophageal reflux symptoms. Soon after settling in, he loses consciousness on the ward. A crash call is put out and an ECG shows a polymorphic ventricular tachycardia with varying axis.

What is the most likely underlying cause?

- A ○ Hypocalcaemia
- B ○ Hypokalaemia
- C ● Hypomagnesaemia
- D ○ Hypothermia
- E ○ Hypothyroidism

Option C is Correct. Hypomagnesaemia is a recognised but rare side effect of long-term proton pump inhibitor (PPI) medication. This can cause a prolonged QT interval with resultant torsades de pointes. This is important, as PPIs are frequently prescribed for gastric protection in many cardiac patients on long-term aspirin.

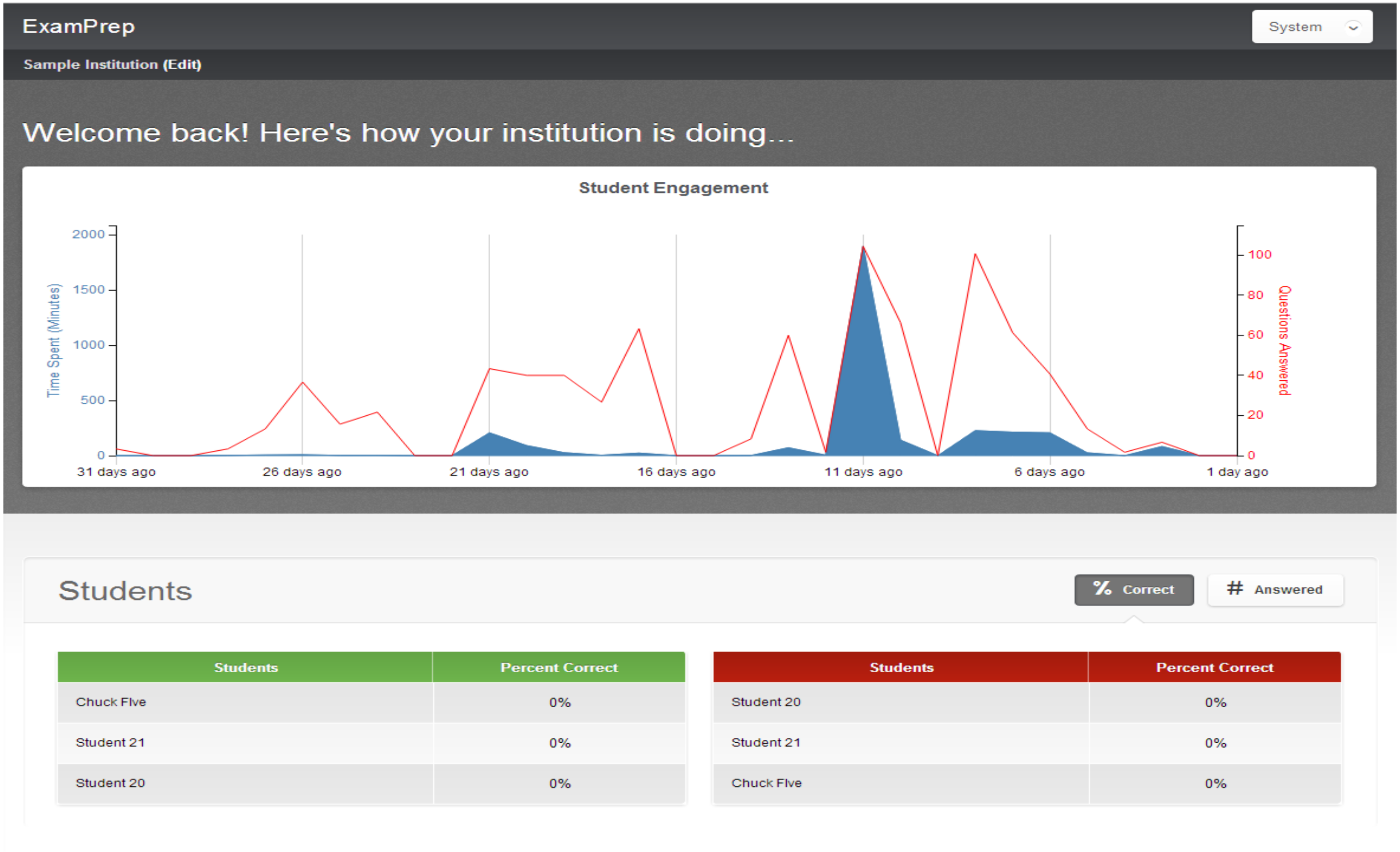
Option A is Incorrect. Hypocalcaemia can cause torsades de pointes but the cause is more likely to be hypomagnesaemia, which is a side effect of proton pump inhibitor (PPI) medication.

Option B is Incorrect. Hypokalaemia can cause torsades de pointes but the cause is more likely to be hypomagnesaemia, which is a side effect of proton pump inhibitor (PPI) medication.

Option D is Incorrect. Hypothermia can cause torsades de pointes but the cause is more likely to be hypomagnesaemia, which is a side effect of proton pump inhibitor (PPI) medication.

Option E is Incorrect. Hypothyroidism does not usually cause torsades de pointes.

Institutional Analytics – Student Engagement


ExamPrep
System
Sample Institution (Edit)

Welcome back! Here's how your institution is doing...

Student Engagement
Time Spent (Minutes)
2000
1500
1000
500
0
Questions Answered
100
80
60
40
20
0
31 days ago
26 days ago
21 days ago
16 days ago
11 days ago
6 days ago
1 day ago

Students

% Correct
# Answered

Students	Percent Correct
Chuck Flve	0%
Student 21	0%
Student 20	0%

Students	Percent Correct
Student 20	0%
Student 21	0%
Chuck Flve	0%

Thank you for your attention.

Beata Fidzińska