

Welcome

Step Prep: Going Beyond UWorld!

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Lubbock, Texas 79430

Link and Download

Today's power point:

Step Prep: Going Beyond UWorld!

under Orientations and Presentations

<http://www.ttuhsc.edu/libraries/schools/som.aspx>

Some Learning Goals for P3

Demonstrate skills in:

- self-assessment of personal learning needs
- independent identification, analysis and synthesis of relevant information for purposes of lifelong learning

USMLE Easy is a tool you can use to help you do this

- Practice evidence-based medicine

First Consult is an EBM tool you can use to answer questions you may have or for additional learning needs

*Self-Assessment
of
Learning Needs*

Research Articles About Step 1

I will be highlighting the data in a moment

Due to time constraints, please look at them later

How to access: Full-text is available through PubMed

Go to PubMed through the libraries home page:

TTUHSC.edu/libraries

Enter the PMID: 27500163

Click the article title, click the link to the full-text

Data from Bonasso

Bonasso P, Lucke-Wold B 3rd, Reed Z, Bozek J, Cottrell S. *Investigating the Impact of Preparation Strategies on USMLE Step 1 Performance*. MedEdPublish. 2015;4(1). pii: 5. PubMed PMID: 27500163; PubMed Central PMCID: PMC4975378.

- Interactive study options, (such as the USMLE World Question Bank) offer the best choice to improve USMLE Step 1 scores
- Timing of when the exam was taken was not associated with significant differences in scores

Data from Kumar

Kumar AD, Shah MK, Maley JH, Evron J, Gyftopoulos A, Miller C. *Preparing to take the USMLE Step 1: a survey on medical students' self-reported study habits*. Postgraduate Medical Journal. 2015 May;91(1075):257-61. doi: 10.1136/postgradmedj-2014-133081.

PubMed PMID: 25910497.

- 475 3rd year medical students at Tulane 2009-2011 who had taken the exam in the last 3 months; 256 responses
- studying 8-11 hours per day yielded higher scores versus study fewer hours
- studying more than 11 hours per day did not significantly yield higher scores (mean 10.6 hours)

Data from Kumar continued

- The mean Step 1 score was higher in those who reported spending less than or = to 20 days **versus** those who spent *more* than 40 days
- Similarly, the mean Step 1 score was higher in those who spent 21-40 days compared to those who spent more than 40 days
- There was no significant difference in score for those who reported spending less than 20 days compared with those who spent 21-40 days

Data from Kumar continued

- the greater the number of practice questions the higher the Step 1 scores
- ***But***, a greater portion of ***total*** study time on practice questions did ***not*** have significantly higher scores
- Study offers two explanations for this apparent contradiction

Data from Kumar continued

1) practice questions take considerable concentration thus fatigue may limit the amount of questions attempted per day

2) it has been shown that students who use review books or class notes score higher on USMLE Step 1.⁸

Therefore, if there is a benefit from doing a maximal amount of practice questions, this benefit may be offset by **not** spending precious study time on other resources, i.e. review books or class notes

Data from Li

Li ST, Paterniti DA, Co JP, West DC. *Successful self-directed lifelong learning in medicine: a conceptual model derived from qualitative analysis of a national survey of pediatric residents.*

Academic Medicine. 2010 Jul;85(7):1229-36.

doi: 10.1097/ACM.0b013e3181e1931c. PubMed PMID: 20592521.

Have a learning plan!

Strategies for effective self-directed learning:

- dedicating time to study
- creating accountability
- Get help with goal generation through mentorship or from external assessments vs self-assessments

Li created a strategy of goals and plans:

ISMART

Important:

To choose goals relevant to the learner
To prioritize achievement of learning goals

Specific:

To break broader goals into incremental steps
To plan how to accomplish incremental steps

Measurable:

To set a measurable outcome

Data from Li continued

Accountable:

- To use a reminder and tracking system
- To build in external accountability
- To establish internal accountability

Realistic:

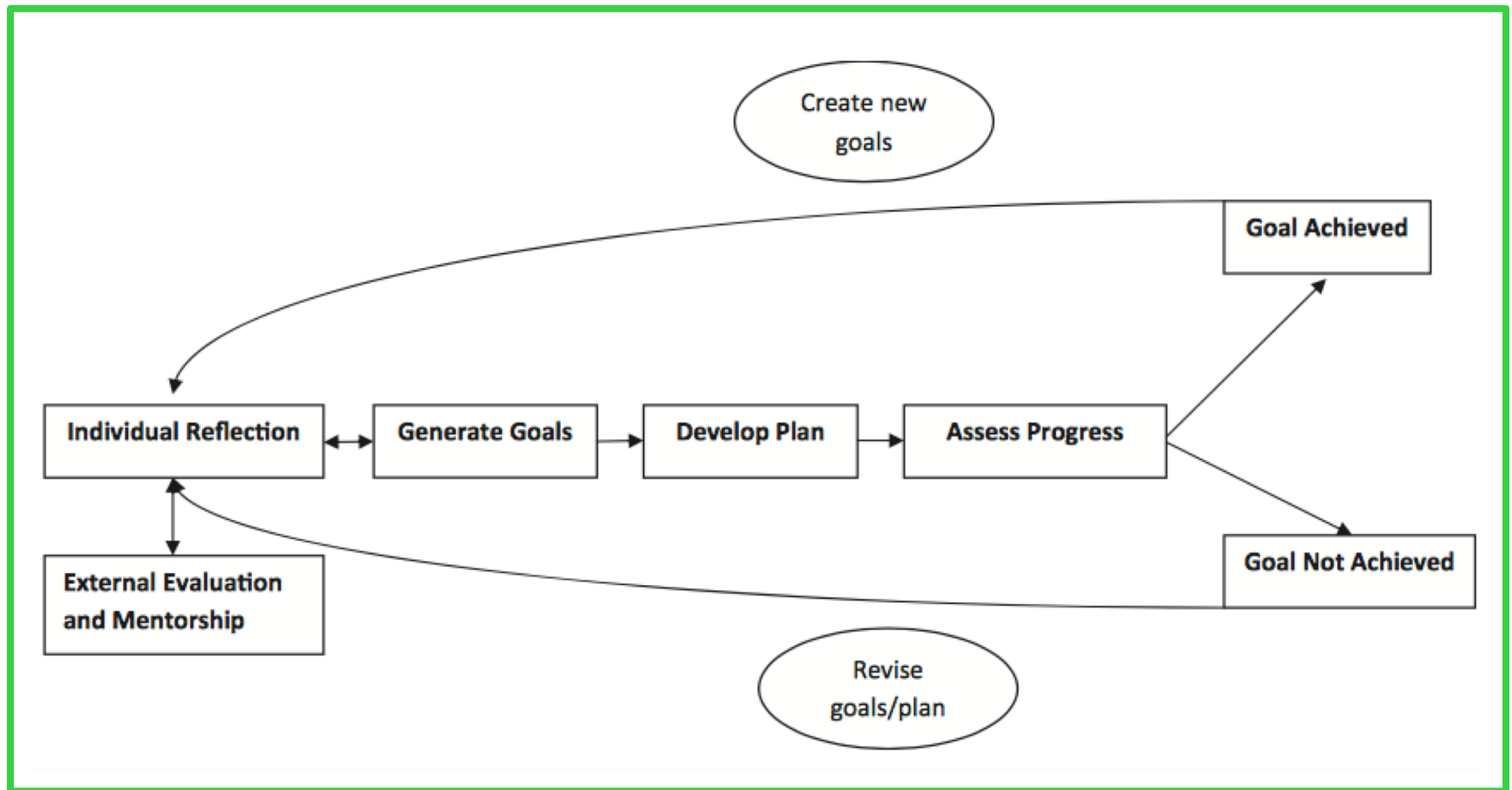
- To create achievable goals
- To seek out and use available opportunities
- To self-adjust

Timeline:

- To develop timeline for achieving goals
- To incorporate goals into daily routine

USMLE Easy has a built-in learning plan!

Data from Li continued



Li, S. T., Paterniti, D. A., & West, D. C. (2010). Successful self-directed lifelong learning in medicine: a conceptual model derived from qualitative analysis of a national survey of pediatric residents. *Academic Medicine*, 85(7), 1229-36. doi:10.1097/ACM.Ob013e3181e1931c

*What questions
do you have?*


USMLE Easy

McGraw Hill Education | USMLE Easy

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Features

 [Sign up for a sneak peek](#)

USMLE Easy is appropriate for U.S. and Canadian medical students and International medical graduates (IMGs). Individual and institutional subscriptions are available.

COMPREHENSIVE PRACTICE

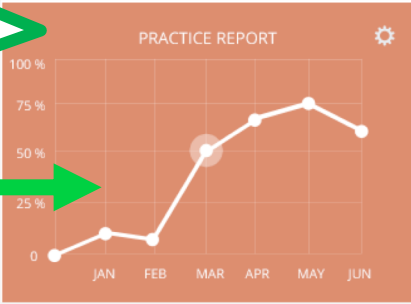
Prep for the USMLE with personalized practice using thousands of questions covering all the disciplines and organ systems from the USMLE Step 1, Step 2 CK, and Step 3.

ADAPTIVE PREP



USMLE Easy uses adaptive learning technology to personalize your test prep experience based on your individual needs. This ensures you spend more time on the concepts you still need to review, and less on the material you've already mastered.

DASHBOARD

Your personalized dashboard displays your latest activities and scores so that you can constantly track your progress, and easily resume your studying exactly where you left off.



Month	Progress (%)
JAN	0
FEB	10
MAR	50
APR	65
MAY	75
JUN	60



Thousands of practice questions

Practice Report

Adaptive learning technology based on your individual learning needs

Personal Dashboard

Schedule studies

Set and achieve goals



STUDY PLAN

USMLE Easy includes a Personal Study Plan feature, which will support your test preparation and allow you to progress according to your customized study plan. Your Personal Study Plan will help schedule your studies, as well as set and achieve your overall goals.

Proficiency analysis in every subject area



SKILL REPORT

Your individualized skill report provides a full analysis of your proficiency in every subject area tested by the USMLE. This enables you to focus your prep efforts, overcome problem areas, and utilize your study time more effectively.

View test results

Detailed explanations for any question

Feedback stats



PERSONALIZED REPORTING

You can view your test results easily after completing each test and access detailed explanations for any question. You will also receive feedback statistics for your total test performance.

www.ttuhscc.edu/libraries

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Search TTUHSC Go

RESEARCH TOOLS
Library Home
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Textbooks?
Concurrent user limits
LibGuides
Databases
eBooks, Theses, & Dissertations
eJournals
Online Multimedia
Public (non-TTUHSC) Access
Other Resources

LIBRARY SERVICES
Ask A Librarian
Bibliographic Tools
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Interlibrary Loan (ILL)
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Purchase Suggestions
Reserve A Room (Lubbock)
Noise Reporting (Lubbock)
Comments & Suggestions
Alumni Services
Ultrasound Equipment

RESOURCES
About the Libraries
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Library Courses
Business Continuity
Writing Center

HEALTH SCIENCES CENTER...
HSC Home
Welcome to the HSC
Office of the President

CAMPUSES INFO FOR SCHOOLS CONTACT INFO SITE MAPS

Home > Libraries >

Welcome to the TTUHSC Libraries

Featured Resource
AnatomyTV - a suite of 3D interactive anatomy models

Library Hours
All Campuses

PubMed Journals Catalog Databases eBooks Proxy

Faculty Publications

Search: Go
Keywords MeSH PubMedID (PMID)

Popular Resources by School

GSBS **SOM** SON SOP SHP Public Health

Other Popular Resources

PubMed Journals ClinicalKey Embase Micromedex CINAHL Nursing Reference Ctr OVID

SCOPUS Evidence Based All Databases Books & eBooks [help] Reserve-A-Room [Availability?] Images & Videos Bibliographic Tools Mobile Resources


Services

Ask A Librarian Off Campus Login [help] Interlibrary Loan 3D Printing Library Cards PayOnline Submit Comments TeamViewer Windows | Mac

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Click SoM



QUICK SEARCH

Search TTUHSC

RESEARCH TOOLS

- Library Home
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- Textbooks?
- Concurrent user limits
- LibGuides
- Databases >
- eBooks, Theses, & Dissertations >

Home > Libraries > Frequently Used Resources >

SOM Frequently Used Resources

FREQUENTLY USED RESOURCES

See all SOM databases [here](#)

- AgeLine
- AgileMD
- Anatomy TV
- Essential Evidence Plus
- Gideon Online
- LactMed

S
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ADDITIONAL QUICKLINKS

- Bibliographic Tools
- Board Vitals **NOTE** - you must use your @ttuhsc.edu email address when registering
- ExamMaster Online [USMLE & Boards]

Click
USMLE easy

USMLE easy

- Administration >
- Human Resources >
- Libraries >
- Accreditation >
- The Daily Dose

Ask A Librarian



TEXAS TECH UNIVERSITY
HEALTH SCIENCES CENTER.
Libraries of the Health Sciences

Login

Search Keywords

All libraries

Go

Advanced search

Home · Details for: USMLE easy

Normal

USMLE

Contrib

Material

Publisher

Description

Other title

licensing ex

Subject(s): Medicine -- Examination Questions | Licensure, Medical -- United States | Clinical M
Questions

Click and Register

[Online resources:](#) [Registration required. New account registration required as of 1/15/15. Available online as an eResource.](#)

questions to study, practice, and simulate the test-taking experience for Step 1 and Step 3. USMLEasy provides customizable web-based practice tests covering all disciplines and organ systems that tell you everything you need to know to study effectively and returns detailed results with targeted remediation based on test results - links to free selected readings from AccessMedicine's Lange Library - providing the knowledge you need to master your most challenging subjects. Users build a robust performance profile that allows you to track your results performance by topic and your test scores over time.

Holdings (0)

Title notes

Comments (0)

No physical items for this record



Create a New Account

Full Name

Type your full name

Email Address

Type your email address

Password

Type a password

Confirm Password

Retype the password

Course Name

Select a course ▼

Class Sections

Select Class Section ▼



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Register for Account

Dashboard

Mc
Graw
Hill
Education

USMLE[®] Easy

Texas Tech University Preston Smith Library of the ...

USMLE Easy Step 1 (Change)

Last Activity

Quiz #1
Adaptive Practice · Feb 22 at 12:01 PM

USMLE Step 1 Exam Prep

Assessment Summary

Percentile Rank

33%

100.0% — 2 Questions Attempted

> View Details

Incorrect

START PRACTICE

TARGET TEST DAY

211
Days Remaining

Change Settings

COURSE PROGRESS

0%
Complete

Create a Study Plan

FULL LENGTH TEST

1
1 Test Remaining

TIME SPENT PER WEEK

0
Avg. of All Users: 2 min 57 sec

Recommended Reading

- Clinical Neurology, 8e
Anatomic Diagnosis: Where Is the Lesion?
- Pathophysiology of Disease, 6e
Case 29
- Pathophysiology of Disease, 6e
Case 30
- Pathophysiology of Disease, 6e
Case 31
- Pathophysiology of Disease, 6e
Case 32

Click Menu



The screenshot shows a web application interface. At the top left, there is a red 'McGraw Hill Education' logo and a green 'USMLE Easy' logo. To the right of these logos is the text 'Texas Tech University Preston Smith Library of the ...' followed by a home icon and a user profile icon. A dark grey sidebar menu is open on the left, listing the following items with icons and right-pointing chevrons:

- Dashboard
- Course Stream
- Start Practice
- My Study Plan
- Assignments
- Full Length Test
- Study Center
- My Reports

The main content area on the right shows a 'Step 1 (Change)' section with a timestamp '23 hours ago'. Below this is a 'COURSE PROGRESS' section displaying '0% Complete' and a 'Create a Study Plan' button.

Start Practice

The screenshot displays the USMLE Easy interface. At the top left, the logos for McGraw Hill Education and USMLE Easy are visible. The page title is "Texas Tech University Preston Smith Library of the ...". A navigation menu is open on the left, with "Start Practice" highlighted by a green border. The main content area shows an "Assessment Summary" for a "Step 1" assessment. The assessment was taken on Feb 22 at 12:01 PM. The summary includes a "Percentile Rank" of 33% and "100.0%" of "2 Questions Attempted". A legend indicates that the orange color represents "Incorrect" questions.

McGraw Hill Education USMLE[®] Easy

Texas Tech University Preston Smith Library of the ...

Dashboard

Course Stream

Start Practice

My Study Plan

Assignments

Full Length Test

Study Center >

My Reports >

Step 1 (Change)

Feb 22 at 12:01 PM

Assessment Summary

Percentile Rank

33%

> View Details

100.0%

2 Questions Attempted

Incorrect

The Adaptive Quiz uses an algorithm, based on your strong and weak areas, to select 10 practice questions.

The screenshot shows the top navigation bar with the McGraw Hill Education logo, the USMLE Easy logo, and the text "as Tech University Preston Smith Library of th...". Below the navigation bar is a "Start Practice" button. The main content area features two options: "Adaptive Practice Quiz" (highlighted with a red box) and "Create Your Own Quiz". A vertical line with the word "Or" is positioned between the two options. At the bottom, a text box explains the adaptive algorithm, and a "Start Adaptive Quiz" button is located in the bottom right corner.

Start Practice

Adaptive Practice Quiz

Or


Create Your Own Quiz

Practice using our smart adaptive algorithm based on your strong and weak areas. Our adaptive algorithm will automatically select 10 questions for practice.


Start Adaptive Quiz



← Start Practice



Adaptive Practice Quiz



Create Your Own Quiz

Create Your Own Quiz by selecting question types and learning objectives

Create Your Own Quiz by selecting question types and learning objectives:

1. Choose Your Quiz Mode:

- Practice
- Test
- Simulation

Practice mode reveals the correct answer with an explanation after each question is answered.

2. Choose Your Question Types:

Unanswered ▾

3. Pick Your Difficulty Level:

- All
- Easy
- Medium
- Hard

Total 25 selected

4. Specify Learning Objectives:

All

Select Learning Objectives

by Disciplines

Total **25** selected

Disciplines

- 1.1 Anatomy (1778)
- 1.2 Behavioral Sciences (52)
- 1.3 Biochemistry (1348)
- 1.4 Biostatistics and Epidemiology (234)
- 1.5 Cell Biology (371)
- 1.6 Embryology (143)
- 1.7 Genetics (1101)
- 1.8 Histology (168)
- 1.9 Immunology (359)

Available Questions

7327

How many questions do you want to attempt?

Recommended time: 

by Organ System

Total **25** selected

Disciplines

Organ Syst...

- 2.1 Cardiovascular System (604)
- 2.2 Endocrine System (508)
- 2.3 Gastrointestinal System (566)
- 2.4 Hematopoietic and Lymphoreticular Systems (492)
- 2.5 Musculoskeletal System (602)
- 2.6 Central and Peripheral Nervous Systems (1350)
- 2.7 Renal and Urinary System (343)
- 2.8 Reproductive System (371)
- 2.9 Respiratory System (387)

Available Questions

7327

How many questions do you want to attempt?

Recommended time: 



Quiz

Question

Quiz #2

Time Spent
00:01:06



Q 2.1: Which of the following processes places the developing heart in the presumptive thoracic region cranial to the septum transversum?

- A Gastrulation
- B Lateral folding
- C Cranial folding
- D Neurulation
- E Fusion of the endocardial heart tubes

Performance



Overall Time Spent 00:01:06

Performance in Last 10 Qs



About this Question

Question Difficulty

Difficulty

41.75% (400/958)

Students got it correct

Study this topic

- Embryology
- Reproductive System
- Anatomy



Mark for Review

Submit Answer



Quiz

Time Spent

Quiz #2

Time Spent 00:01:06

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Quiz

Quiz #2

Overall Time Spent

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Mark for Review

Submit Answer



Quiz

Quiz #2

View Lab Values ▾

Time Spent
00:01:06



Performance in Last 10 Qs

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- C Cranial folding
- D Neurulation
- E Fusion of the endocardial heart tubes

Performance



Overall Time Spent 00:01:06

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View Lab Values

Time Spent 00:01:06



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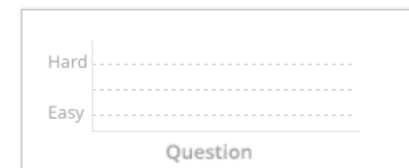
About this Question

Performance



Overall Time Spent 00:01:06

Performance in Last 10 Qs



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Mark for Review

Submit Answer



Quiz

Quiz #2

View Lab Values

Time Spent 00:01:06

Q 2.1: Which of the following processes places the developing heart in the presumptive thoracic region cranial to the septum transversum?

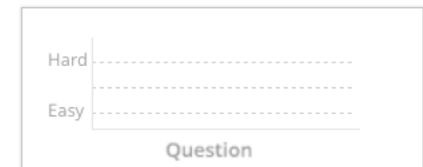
- A Gastrulation
- B Lateral folding
- C Cranial folding
- D Neurulation
- E Fusion of the endo

Question Difficulty

Performance

Overall Time Spent 00:01:06

Performance in Last 10 Qs



About this Question

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- Anatomy



Mark for Review

Submit Answer



Quiz

Quiz #2

View Lab Values ▾

Time Spent
00:01:06



Q 2.1: Which of the following processes places the developing heart in the presumptive thoracic region cranial to the septum transversum?

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Study this topic



Mark for Review

Submit Answer



Quiz

Quiz #2

View Lab Values ▾

Time Spent
00:01:06



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- (C) Cranial folding
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Mark for Review



Mark for Review

Submit Answer

Performance



Overall Time Spent 00:01:06

Performance in Last 10 Qs



About this Question

Question Difficulty

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Study this topic

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- Reproductive System
- Anatomy

View Lab Values

Lab Values

B **H** **C** **S**

	Reference Range	SI Reference Intervals
Cell count	0-5 cells/mm ³	0-5 x 10 ⁶ /L
Chloride	118-132 mEq/L	118-132 mmol/L
Gamma globulin	3-12% total proteins	0.03-0.12
Glucose	40-70 mg/dL	2.2-3.9 mmol/L
Pressure	70-180 mm H ₂ O	70-180 mm H ₂ O
Proteins, total	<40 mg/dL	<0.40 g/L

Click Menu



My Study Plan

The screenshot shows the top navigation bar of the USMLE Easy interface. On the left, the 'McGraw Hill Education' logo is visible. The main header reads 'Texas Tech University Preston Smith Library of the ...'. On the right, there are icons for home and user profile, and a search icon.

A dark grey navigation menu is open on the left side, listing the following options:

- Dashboard
- Course Stream
- Start Practice
- My Study Plan** (highlighted with a green border)
- Assignments
- Full Length Test
- Study Center
- My Reports

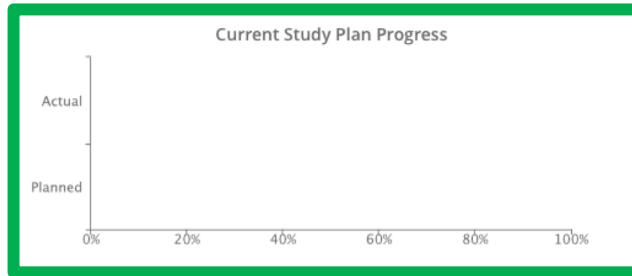
The main content area is titled 'Assessment Summary'. It features a 'Percentile Rank' of 33% shown in a blue circular gauge. To the right, a red circular gauge shows '100.0%' with '2 Questions Attempted'. Below this, a legend indicates that a red square represents 'Incorrect'.

Additional text in the background includes 'Step 1 (Change)', 'Feb 22 at 12:01 PM', and a partially visible orange button labeled 'CE'.

Study Plan

Study Plan

Current Plan Progress



211

DAYS UNTIL TEST

Change Settings

Settings

Change Settings

Test Date

Select Test Date

Prep Mode

Select Prep Mode

Send Progress Report

Weekly

Question Type

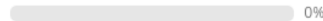
Unanswered

Save

Practice Target Progress

This Week

Practice Target:



Next Week

Practice Target:

Subsequent Weeks

Practice Target:

Target Completion (Sep 30th, 2017)

USMLE Easy Step 1 Test Day

Click Menu



Full Length Test

The screenshot shows the user interface of the USMLE Easy platform. At the top left, there are logos for 'McGraw Hill Education' and 'USMLE Easy'. The main header displays 'Texas Tech University Preston Smith Library of the ...'. On the right side of the header, there are icons for home and user profile, and a dropdown arrow. A dark grey sidebar menu is open on the left, listing several options: 'Dashboard', 'Course Stream', 'Start Practice', 'My Study Plan', 'Assignments', 'Full Length Test', 'Study Center', and 'My Reports'. The 'Full Length Test' option is highlighted with a green rectangular border. The main content area is divided into two sections. The left section shows 'Step 1 (Change)' and a timestamp 'Feb 22 at 12:01 PM'. The right section is titled 'Assessment Summary' and contains two data visualizations. The first is a 'Percentile Rank' gauge showing '33%' in a blue circle, with a '> View Details' link below it. The second is a circular progress indicator showing '100.0%' and '2 Questions Attempted' in an orange ring, with a legend for 'Incorrect' below it.

The screenshot shows the top navigation bar with the Mc Graw Hill Education logo, the USMLE Easy logo, and the page title "Texas Tech University Preston Smith Library of the ...". There are icons for home and user profile in the top right. Below the navigation bar is a section titled "All Tests" with a list of bullet points:

- ▶ Full-length test contains 280 questions broken into seven blocks of 40 questions each.
- ▶ You should plan to spend up to eight hours taking this practice test.
- ▶ You have one hour to complete each block, plus one hour of optional break time.
- ▶ Once you complete a block, you will not be able to return to it.
- ▶ Answers and explanations will be withheld until you have completed the entire full length test.
- ▶ The Step 1 Practice Test can only be taken once.

Below the list is a table with the following structure:

Full Length Test	Performance	Status
USMLE Step 1 Practice Test		✗ Not Started

*Full-length test

280 questions 7 blocks 40 questions each

*Spend 8 hours on test

1 hour per block 1 hour optional break time

*Cannot return to a completed block

*Answers & explanations available only **after** entire test completed

*Step 1 Practice can only be taken once

Click Menu



Study Center

The screenshot shows the USMLE Easy interface. The top navigation bar includes the Graw Hill Education logo, the USMLE Easy logo, and the text "Texas Tech University Preston Smith Library of the ...". The main content area is divided into two sections: "Step 1 (Change)" and "Assessment Summary". The "Assessment Summary" section displays a "Percentile Rank" of 33% and "100.0%" with "2 Questions Attempted". The left sidebar menu is open, and the "Study Center" item is highlighted with a green box. A purple arrow points from this item to a sub-menu box.

- Dashboard
- Course Stream
- Start Practice
- My Study Plan
- Assignments
- Full Length Test
- Study Center**
- My Reports

Assessment Summary

Percentile Rank

33%

100.0%

2 Questions Attempted



Flash Cards



Lectures

Flash Cards



Abdomen,
Pelvis, &
Perineum

21

Head

20

Upper Limb

16

Thorax

7

Lower Limb

23

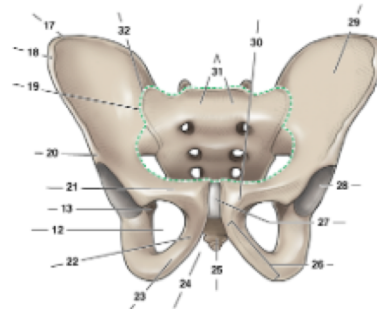
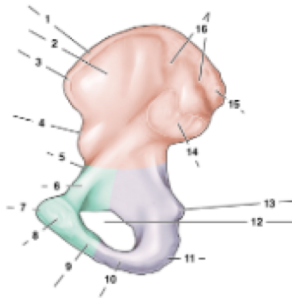
Neck

7

Back

6

KEY
Os coxa
Ilium
Pubis
Ischium



1.
2.
3.
4.
5.
6.
7.
8.
9.
10.
11.
12.
13.









Abdomen, Pelvis, & Perineum

- ▶ A. Medial view of the os coxa. B. Anterior view of ...
- ▶ Fascial layers of the anterior abdominal wall
- ▶ Step dissection of the anterior abdominal wall ...
- ▶ Neurovascular structures of the anterior abdomin...
- ▶ Schematic of the inguinal canal, spermatic cord, an...
- ▶ A. Parts of the stomach and duodenum. B. Anteri...
- ▶ Anterior view of the foregut with the body an...
- ▶ A. Arterial supply to the foregut supplied princip...

Lectures



← Lectures

-  **Clinical Diagnosis and Management by Laboratory Methods: The Bone Marrow Examination in Myeloma** >
Speaker: Kenneth Alonso, MD, FACP Run Time: 10:43
-  **Clinical Diagnosis and Management by Laboratory Methods: The Bone Marrow Examination in Lymphoid Series Disorders** >
Speaker: Kenneth Alonso, MD, FACP Run Time: 23:45
-  **Clinical Diagnosis and Management by Laboratory Methods: The Bone Marrow Examination** >
Speaker: Kenneth Alonso, MD, FACP Run Time: 11:57
-  **Clinical Diagnosis and Management by Laboratory Methods: Coagulation Testing - Hypercoagulable States & Fibrinolysis** >
Speaker: Kenneth Alonso, MD, FACP Run Time: 18:39
-  **Clinical Diagnosis and Management by Laboratory Methods: Transfusion** >
Speaker: Kenneth Alonso, MD, FACP Run Time: 13:28
-  **Clinical Diagnosis and Management by Laboratory Methods: CBD, Red Blood Cells** >
Speaker: Kenneth Alonso, MD, FACP Run Time: 19:28
-  **Clinical Diagnosis and Management by Laboratory Methods: CBC, White Blood Cells, and Platelets** >
Speaker: Kenneth Alonso, MD, FACP Run Time: 08:55
-  **Biliary System** >
Speaker: Kenneth Alonso, MD, FACP Run Time: 18:42

Click Menu



My Reports

The screenshot shows the USMLE Easy interface. At the top, there are logos for 'Mc Graw Hill Education' and 'USMLE Easy', and the text 'Texas Tech University Preston Smith Library of the ...'. A navigation menu is open on the left, listing various options. The 'My Reports' option is highlighted with a green box, and a purple arrow points from it to a secondary menu. This secondary menu, also highlighted with a purple border, contains three options: 'Quiz Performance Report', 'Skill Report', and 'Proficiency Report'. In the background, an 'Assessment Summary' card is visible, showing a 'Percentile Rank' of 33% and '2 Questions'.

- Dashboard
- Course Stream
- Start Practice
- My Study Plan
- Assignments
- Full Length Test
- Study Center
- My Reports**

- Quiz Performance Report
- Skill Report
- Proficiency Report

Quiz Performance Reports

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Performance

Performance

Summary

Course Performance Summary

100.0% Course Performance

Incorrect

Course Performance by Quizzes

Quiz	Questions Attempted
1	2

Performance

Performance Filter Questions

Quiz Mode: Show All

All Quizzes Show All

Show All Objectives

Sort By: Earliest First

Q 1.1 As a result of a leg injury, ... Difficulty: | 54s

Q 1.2 Flow cytometry of blood f... Difficulty: | 23s

Quiz Performance Reports

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Performance

Performance

Course Performance Summary

Performance Filter Questions

Quiz Mode: Show All

All Quizzes Show All

Show All Objectives

Sort By: Earliest First

Q 1.1	As a result of a leg injury, ...	Difficulty: <input type="checkbox"/> 54s
Q 1.2	Flow cytometry of blood f...	Difficulty: <input type="checkbox"/> 23s

Course Performance by Quizzes

Quiz	Questions Attempted
1	2

Select for Specific Reports

Skill Report

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Skill Report

Summary

Least Proficient Topics

nervous system ...	0%
receptors, opioid...	0%
neuroscience dis...	0%
central and perip...	0%
biochemistry	0%
morphine depen...	0%
morphine	0%
cd4 positive t ly...	0%
immunology	0%
hematopoietic sy...	0%

Proficiency Report

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Proficiency Report

Unfortunately, a Proficiency Report could not be generated for you at this time since there is not enough data for the system to analyze. Please continue progressing in your course and check back at a later time.

Filter

Filter Questions ▾

Show All Cat... ▾ Show All ▾

Show All Objectives ▾

Sort By: Most Recent ▾

Q 1.2	Flow cytometry of blood from a...	Difficulty: <input type="checkbox"/> 23s
Q 1.1	As a result of a leg injury, a 30-...	Difficulty: <input type="checkbox"/> 54s

Take some time to
explore *USMLE Easy!*

Note:

*We will go over First Consult after the
exploration time period!*

*What questions
do you have?*

*Evidence-Based
Medicine*

Clinical Key

- * content from books, journals, and videos

First Consult

- * point of care decision support tool within Clinical Key

- * main source of information is from the evidence based organization:
The Cochrane Collaboration where possible

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Rhabdomyolysis

Jacob F. De Wolff, MRCP(UK). Published October 19, 2012. Last updated October 19, 2012.

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Card

Melissa

Published May 1, 2012. Last updated

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Acute myocardial infarction

Roxana Mehran, MD, Professor of Medicine (Cardiology) and Director of Interventional Cardiovascular Research and Clinical Trials, Zena and Michael A. Wiener Cardiovascular Institute, Mount Sinai School of Medicine, New York, New York; Kleanthis N. Theodoropoulos, MD, PhD, Interventional Cardiology Research Fellow, Mount Sinai Medical Center, New York, New York. Published March 13, 2014. Last updated March 11, 2014.

Click acute myocardial infarction

Find 'myo' in this Page ▼

FIRST CONSULT

Acute myocardial infarction

Revised: March 11, 2014
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Key points

- The estimated annual incidence of acute myocardial infarction (AMI), including both ST-segment elevation myocardial infarction (STEMI) and non-ST-segment elevation myocardial infarction (NSTEMI), in the U.S. is 600,000 new and 320,000 recurrent attacks. In 2004, AMI resulted in 695,000 hospital stays and \$31 billion in hospital charges
- Patients with AMI usually present with sudden or gradual onset of discomfort in the anterior chest, which also may be described as heaviness, pressure, or gas
- Some patients, particularly women, patients with diabetes, and elderly patients, may have atypical symptoms, such as nausea or worsening glucose control, whereas others may have no symptoms ('silent myocardial infarction'). A high level of suspicion is required in these patient groups
- The diagnosis of AMI is established on the basis of a high clinical suspicion based on the history and physical examination findings in addition to changes in cardiac biomarkers (creatinine kinase-MB [CK-MB], troponins, and myoglobin) and electrocardiographic findings. Imaging techniques, such as two-dimensional echocardiography, also are useful in demonstrating myocardial dysfunction
- Treatment focuses on limiting the injury to cardiac tissue. Reperfusion therapy using thrombolytic agents or percutaneous coronary intervention (PCI) should be initiated as early as possible. Oxygen, nitrates, analgesics, aspirin, platelet P2Y₁₂ receptor blockers, antithrombotics, β-blockers, and angiotensin-converting enzyme (ACE) inhibitors are the cornerstone medications in the initial treatment
- Complications include heart failure, arrhythmias, and sudden cardiac death. Management includes cessation, weight management, and physical activity. Maintenance medication also is prescribed, as determined by patient needs

Click Clinical presentation

Key points

Background

Description

Epidemiology

Causes and risk factors

Associated disorders

Screening

Primary prevention

Summary approach

Population at risk

Preventive measures

Lifestyle modifications

Evidence

References

Control of comorbid diseases or risk equivalents

Evidence

References

Diagnosis

Summary approach

Clinical presentation

Diagnostic testing

Electrocardiography ▼

Clinical presentation

Other physical exam factors

Diagnostic testing

ClinicalKey® First Consult mya Back to results x Q

Clinical presentation Top of Page

Low-grade fever

- Hypertension and tachycardia (anterior AMI) or hypotension and bradycardia (inferior-posterior AMI)
- Weak or irregular pulse
- Restlessness and agitation, with or without clenched fist (Levine sign)
- Cool and clammy extremities
- Pale or cyanotic skin
- Distended jugular veins
- Bibasilar rales
- A displaced or paradoxical point of maximal impulse (ventricular aneurysm or left ventricular dyskinesis)
- A diminished S₁ (decreased left ventricular contractility or first-degree atrioventricular block)
- Presence of an S₄ gallop due to decreased left ventricular compliance; may reflect ischemia
- Paradoxically split S₂ (profound left ventricular dysfunction or LBBB)
- Systolic murmur in left sternal border with palpable thrill (ventricular septal rupture)
- Cognitive disorientation

Other physical examination factors

Findings for specific conditions associated with AMI are as follows:

- Cardiogenic shock: cool, clammy, and cyanotic skin; altered mental status, oliguria
- Right ventricular infarction: distension of jugular vein, Kussmaul sign (an increase in jugular venous pressure when the patient breathes in), hypotension, S₄ and S₃ gallops in the right ventricle, clear lungs
- Dressler syndrome if late presentation: [pericarditis](#), pericardial friction rub
- Cardiac rupture: [cardiac tamponade](#), electromechanical dissociation
- [Congestive heart failure](#) and left ventricular systolic dysfunction: S₃ gallop, pulmonary rales, pulsus alternans
- [Aortic dissection](#): absent pulses, aortic regurgitation murmur, hemothorax, cardiac tamponade, vocal cord paralysis and hoarseness (left recurrent laryngeal nerve compression)

Diagnostic testing

- [Electrocardiography](#) is a practical and readily available method of diagnosing AMI and should be performed within the initial 10 minutes of the patient's arrival in the emergency department. STEMI is differentiated from NSTEMI on the basis of electrocardiographic findings

Associated disorders
Screening
Primary prevention
Summary approach
Population at risk
Preventive measures
Lifestyle modifications
Evidence
References
Control of comorbid diseases or risk equivalents
Evidence
References
Diagnosis
Summary approach
Clinical
Electrocardiography
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Potassium and magnesium
Echocardiography
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do you have?*

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Searching PubMed:
Medicine Focus

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do you have?*

Please...

fill out the evaluation at

<http://tinyurl.com/ttuhsc17>

Thank-you...

we appreciate your feedback!

The End

Course Stream

The screenshot displays the McGraw-Hill Education USMLE Easy interface. The top navigation bar includes the McGraw-Hill Education logo, the USMLE Easy logo, and the text "Texas Tech University Preston Smith Library of the ...". A sidebar menu on the left lists several options: Dashboard, Course Stream (highlighted with a green border), Start Practice, My Study Plan, Assignments, Full Length Test, Study Center, and My Reports. The main content area shows an "Assessment Summary" section with a "Percentile Rank" of 33% and "2 Questions Attempted" (100.0%). A "View Details" link is visible below the percentile rank. A legend indicates that the orange color represents "Incorrect".

Option to become a student reviewer to test new and upcoming on McGraw-Hill products.

Assignments

The screenshot displays the USMLE Easy interface. On the left, a dark sidebar menu is open, with the 'Assignments' option highlighted by a green border. The main content area shows an 'Assessment Summary' for a test taken on Feb 22 at 12:01 PM. The summary includes a 'Percentile Rank' of 33% (represented by a blue gauge) and '100.0%' of '2 Questions Attempted' (represented by an orange gauge). A legend indicates that the orange color represents 'Incorrect' questions. A 'View Details' link is visible below the percentile rank gauge.

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Dashboard

Course Stream

Start Practice

My Study Plan

Assignments

Full Length Test

Study Center >

My Reports >

step 1 (Change)

Feb 22 at 12:01 PM

Assessment Summary

Percentile Rank

33%

> View Details

100.0%

2
Questions
Attempted

Incorrect

Assignments made by an instructor.