



主要功能說明

Everyone who cares for someone will learn by Osmosis

Osmosis學習平台



受到全球各大機構的信賴

Osmosis是世界各地的專業醫療機構聯盟皆需仰賴的平台，包括密西根大學 (University of Michigan)、加州大學洛杉磯分校(UCLA)、卡達威爾康奈爾醫學院 (Weill Cornell Medical College-Qatar)以及亞利桑那大學(University of Arizona)。此外，Osmosis的影片已被超過**110萬**名現任及未來的醫師們觀看過，全世界有超過**68萬**名的學生使用過Osmosis學習平台。

“

Osmosis讓教師們了解醫學院學生如何學習成為未來的醫療專業人員。如果您想成為一位與時俱進的教育工作者，並且在精進過程中仍享有樂趣，我十分鼓勵您全盤投入，積極了解Osmosis教學及學習平台的強大功能。

”

— Amin Azzam醫師

加州大學柏克萊分校UCSF聯合醫學院臨床教授(UC Berkeley, UCSF Joint Medical Program)

依主題瀏覽(View all topics) – Student(First Year)

基礎醫學

系統分類

USMLE

實習醫師

Foundational Sciences	Organ Systems	USMLE® Step 1 Review	Clerkships	USMLE® Step 2 Review
Anatomy	Cardiovascular system	Behavioral sciences	Dermatology	Biostatistics and epidemiology
Behavioral sciences	Endocrine system	Biochemistry and nutrition	Emergency medicine	Dermatology
Biochemistry and nutrition	Eyes, ears, nose and throat	Biostatistics and epidemiology	Family medicine	Medicine
Biostatistics and epidemiology	Gastrointestinal system	Cellular and molecular biology	Internal medicine	Obstetrics and gynecology
Cellular and molecular biology	Hematological system	Embryology	Obstetrics and gynecology	Pediatrics
Embryology	Immune system	Genetics	Pediatrics	Psychiatry
Genetics	Integumentary system	Microbiology	Psychiatry	Surgery
Histology	Musculoskeletal system	Pathology	Surgery	

請注意，Topics會根據所選的角色職務而有些微不同

依主題瀏覽(View all topics) – Professional

基礎醫學

Foundational Sciences

Anatomy

Behavioral sciences

Biochemistry and nutrition

Biostatistics and epidemiology

Cellular and molecular biology

Embryology

Genetics

Histology

Microbiology

Pathology

Pharmacology

系統分類

Organ Systems

Cardiovascular system

Endocrine system

Eyes, ears, nose and throat

Gastrointestinal system

Hematological system

Immune system

Integumentary system

Musculoskeletal system

Nervous system

Renal system

Reproductive system

臨床分科

Clinical Rotations And Board Exam Review

Dermatology

Emergency medicine

Family medicine

Internal medicine

Neurology

Obstetrics and gynecology

Pediatrics

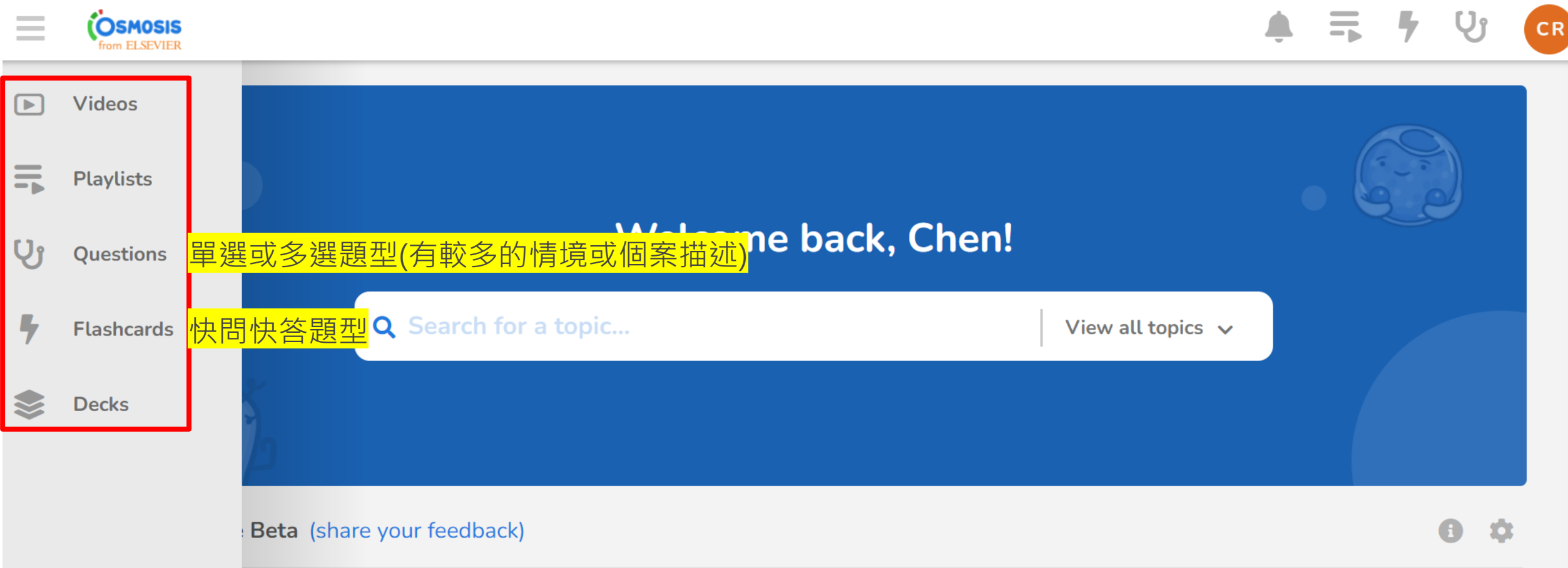
Psychiatry

Surgery



• 請注意，Topics會根據所選的角色職務而有些微不同

依選單瀏覽



透過左列選單點選**服務類型**

1. Videos

The screenshot displays the Osmosis website interface. At the top, there is a navigation bar with the Osmosis logo (from ELSEVIER), a 'Topics' dropdown menu, a search bar labeled 'Search for videos and notes', and several utility icons (notifications, list, lightning bolt, and a circular arrow). A 'CR' badge is also present in the top right corner.

Below the navigation bar, a blue header section features a skull icon, the text 'foundational sciences', and the main category 'Anatomy' with a dropdown arrow. A 'Share' button is located on the right side of this header.

The main content area is divided into a left sidebar and a central video grid. The sidebar lists various anatomical topics: 'Introduction to anatomy', 'Thorax' (with a sub-menu for 'Anatomy' and 'Anatomy clinical correlates'), 'Abdomen' (with a sub-menu for 'Anatomy' and 'Anatomy clinical correlates'), and 'Pelvis and perineum'. The central video grid is titled 'Introduction to anatomy' and shows a list of video topics, each with a thumbnail, title, duration, and a 'Also appears in' link. The visible video topics are:

- Introduction to the skeletal system** (7:19)
- Introduction to the cardiovascular system** (7:19)
- Introduction to the muscular system** (9:44)
- Anatomical terminology** (16:19)
- Introduction to the somatic and** (partially visible)
- Introduction to the lymphatic system** (partially visible)

進入**Videos**選單後，以**Topics**方式瀏覽

2. Playlists

The screenshot displays the Osmosis website interface. At the top, there is a navigation bar with the Osmosis logo (a green 'O' with 'OSMOSIS from ELSEVIER' text), a 'Topics' dropdown menu, a search bar labeled 'Search for videos and notes', and several utility icons (notification bell, list, lightning bolt, and a circular arrow). A red 'CR' badge is visible in the top right corner.

Below the navigation bar is a dark blue header with a hamburger menu icon and the word 'Playlists' followed by a dropdown arrow. To the left of the main content area is a sidebar with the following sections: a '+ New Playlist' button, 'My Playlists' with an upward arrow, a 'Watch later' link, 'Followed', and 'Recently Watched'.

The main content area features a 'Watch later' section. It includes a red 'CR' badge, the name 'Chen', and statistics '6 videos • 47:16'. Below this are three buttons: 'Play all' (blue with a play icon), 'Quiz all' (light blue), and '+ Add' (blue with a plus icon). The section lists two videos:

- Introduction to the skeletal system**: Accompanied by a thumbnail image of a human skeleton with labels for 'LONG BONES', 'SHORT BONES', 'FLAT BONES', 'SEMI-FLAT BONES', and 'IRREGULAR BONES'.
- Introduction to the cardiovascular system**: Accompanied by a thumbnail image of a heart diagram with labels for 'HEART', 'BLOOD VESSELS', 'CARDIOVASCULAR SYSTEM', and 'BLOOD TRANSPORTATION'.

A small blue circular icon is located in the bottom right corner of the page.

建立屬於自己的**播放清單**，也會記錄**近期瀏覽**的影片

3-1. Qbank(Questions)



Topics ▾

Search for videos and notes

Home → Qbank

Question Quiz Builder

Get started with the new Quiz Builder: You can use the old Quiz Builder for the next few months, then use the new Quiz Builder.

What are you studying for?

Preclinical

Challenge yourself with preclinical questions early

Clinical

Prep for clinical exams

選擇學習類型

選擇測驗測驗主題/題數

Select items below to build your quiz.

Difficulty

☐ Select All

Select topic

☐ Easy

☐ Medium

☐ Hard

☐ Biochemistry 1 / 3

☐ Biostatistics and Epidemiology 0 / 32

☒ Cardiovascu... 0 / 217 >

☐ Cell Physiology 0 / 24

☒ Physiology 0 / 5 >

☒ Pathology 0 / 196

☒ Pharmacology 0 / 17

☒ Cardiovascular Physiology 0 / 5 >

☒ Hemodynamics 0 / 2

☒ Blood Pressure Regulation 0 / 1

☒ Cardiac electrophysiology 0 / 1

☒ Specific circulations 0 / 1

217 Questions

0 Answered questions • 217 New questions

100% New

Max Quiz Size 40

Build Quiz

3-2. Qbank(Questions)

顯示題目完成進度

題目情境/附圖

與情境相關的 檢驗數值

0 of 40

←

Prev

Next

→

Settings

Progress

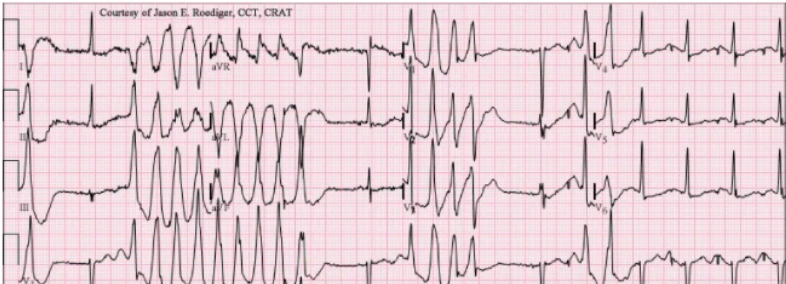
0

answered

Repeat selected items

Group

A 26-year-old woman comes to the emergency department after fainting at work and hitting her head. She is conscious, alert, and in pain as she sustained a deep laceration above her right orbit. When asked about prior fainting episodes, she says that she has had them since childhood, but she felt it was "nothing serious". She also says she has frequent palpitations, shortness of breath, nausea, and at times, chest pain and attributes this to "working too hard." Physical examination shows tachycardia and mild hypotension. The patient's electrocardiogram is obtained. Which of the following drugs is the best choice for first line treatment of the patient's condition?

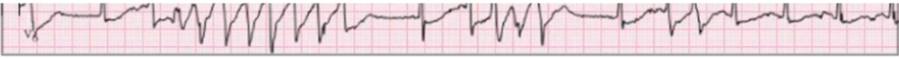


Lab values

Blood

Blood, Plasma, Serum	Reference Range	SI Reference Interval
Alanine aminotransferase (ALT), serum	8-40 U/L	8-40 U/L
Alkaline phosphatase, serum (p-NPP at 30°C)	20-70 U/L	20-70 U/L
Amylase, serum	25-125 U/L	25-125 U/L
Aspartate aminotransferase (AST), serum	8-40 U/L	8-40 U/L

3-3. Qbank(Questions)



Elimination tool ☐

☒ A. Calcium gluconate
Confidence

☐ B. Epinephrine

☐ C. Flecainide

☐ D. Magnesium sulfate

☐ E. Procainamide

- 作答時以Confidence信心度紀錄測驗者狀態

A. Calcium gluconate
Show explanation ▼ 8%

☒ Calcium gluconate is used to treat cardiac arrest in the presence of hyperkalemia, hypocalcemia or hypermagnesemia, and is not recommended for routine use to treat cardiac arrest.

B. Epinephrine
Show explanation ▼ 6%

☐

C. Flecainide
Show explanation ▼ 14%

☐

☒ D. Magnesium sulfate
Show explanation ▼ 51%

✓ ☐

- 每個選項皆提供說明文字，解釋答案內容

4-1. Flashcard Quiz

與Qbank架構類似，先選擇測驗主題和題數

The screenshot shows the Osmosis Flashcard Quiz Builder interface. At the top, there's a navigation bar with the Osmosis logo, a 'Topics' dropdown, a search bar, and user icons. Below this is a blue header for 'Flashcard Quiz Builder'. The main area is divided into a left sidebar with a list of medical topics and a central grid for selecting topics. The sidebar includes 'Anatomy' (38%), 'Biochemistry' (0%), 'Biostatistics and Epidemiology' (0%), 'Cardiovascular' (0%), 'Cell Physiology' (0%), and 'Dermatology' (0%). The central grid shows 'Head and Neck' (0%), 'Thorax' (43%), and 'Thoracic Cavity: Venous drainage' (43%). At the bottom, a summary bar indicates 8 flashcards (3 answered, 5 new) with a progress bar showing 13% answered, 25% new, and 62% new. A 'Build Quiz' button is on the right.

OSMOSIS from ELSEVIER

Topics ▾ Search for videos and notes

Home → Flashcards

Flashcard Quiz Builder

Select items below to build your quiz.

Show progress # % Create flashcards

☐ Select All Select topic

☒ Anatomy 38% >	☒ Head and Neck 0%	☒ Thorax 43% >	☒ Thorax 43% >	☒ Thoracic Cavity: Venous drainage 43%
☐ Biochemistry 0%	☒ Thorax 43% >			
☐ Biostatistics and Epidemiology 0%				
☐ Cardiovascular 0%				
☐ Cell Physiology 0%				
☐ Dermatology 0%				

8 Flashcards

3 Answered flashcards • 5 New flashcards

13% 25% 62% New

Max Quiz Size 40 ▾ Build Quiz

顯示題目完成進度

題目

與題目相關的 實驗數值

[< Prev](#)

0 of 5

Next >

 Settings

5

answered

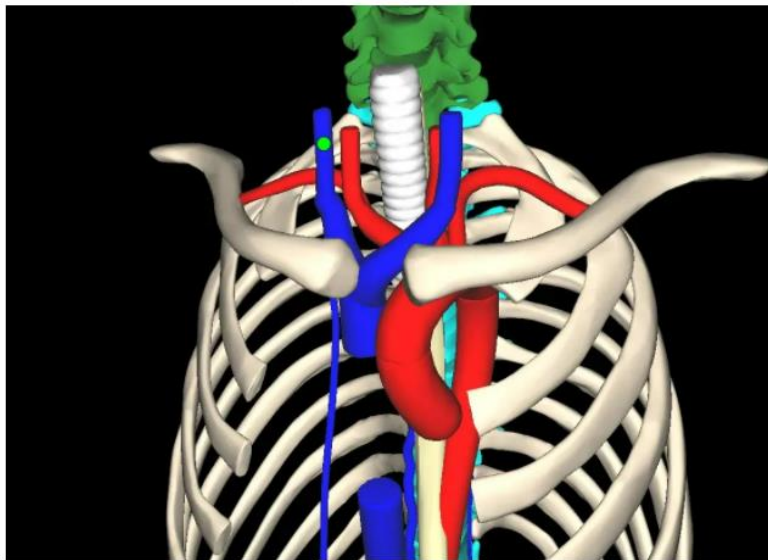
Repeat selected items

Group

New

ALL

Identify the vein pinned below.



Rate your confidence

Low

Medium

High

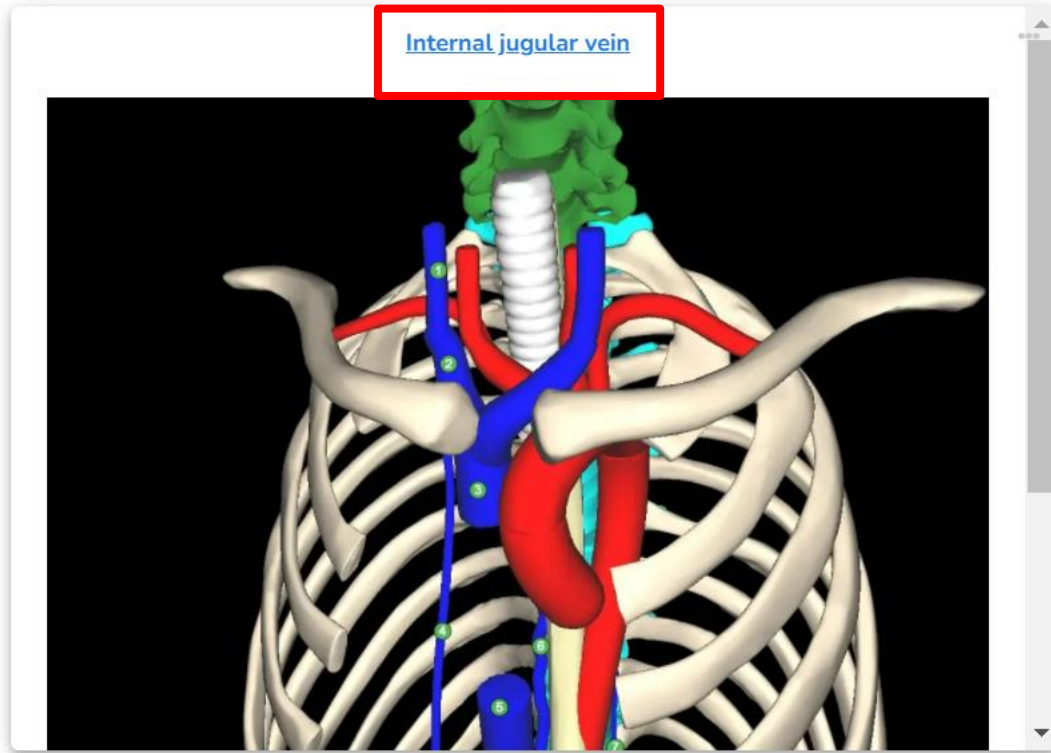
 Reverse order

Lab values

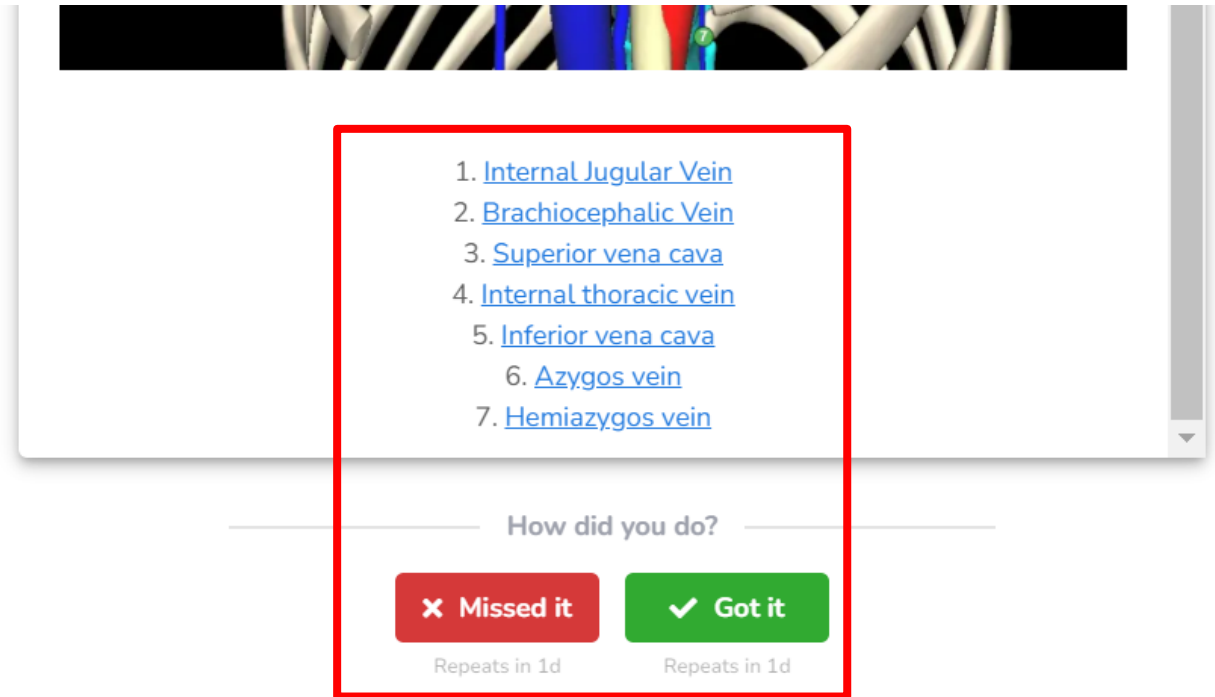
Hematologic 

Hematologic	Reference Range	SI Reference Interval
Bleeding time (template)	2-7 minutes	2-7 minutes
CD4+ T-lymphocyte count	>500 mm ³	>500 x 10 ⁶ /L
Erythrocyte count		
Male	4.3-5.9 million/mm ³	4.3-5.9 x 10 ¹² /L
Female	3.5-5.5 million/mm ³	3.5-5.5 x 10 ¹² /L
Erythrocyte sedimentation rate (Westergren)		
Male	0-15 mm/h	0-15 mm/h
Female	0-20 mm/h	0-20 mm/h
Hematocrit		
Male	41%-53%	0.41-0.53
Female	36%-46%	0.36-0.46
Hemoglobin A1c	≤6%	≤0.06%

4.3 Flashcard Quiz



完成前頁的Confidence作答後，答案會顯示在圖片上方



圖片下方延伸提供相關組織的說明，並於下方確認此題是否答對

5. Decks (建立Flashcards)

The screenshot displays the Osmosis web application interface for creating flashcards. At the top, there is a navigation bar with the Osmosis logo, a search bar, and user icons. Below this, a header section contains a 'Topics' dropdown, a search bar for videos and notes, and a 'CR' icon. The main content area is titled 'Decks' and features a 'Quiz' button, a 'Save to queue' button, and an 'Options' button. The selected deck is named 'test2' and contains 2 flashcards. A search bar for deck contents is also present. Below the search bar is a button to '+ Add flashcards'. Two flashcards are listed: the first has 'test' on the front and an 'Add back' button on the back; the second has an image of a test paper with 'TEST' and '100%' on the front and 'Answer' on the back. Each flashcard has icons for sharing, editing, and deleting.

- ✓ 由教師或指導者自建Flashcards予學生或成員進行測驗
- ✓ 可自行上傳圖片並填寫答案
- ✓ 可選擇將Flashcards公開或隱藏



如需更多資源的說明,

請與圖書館聯繫或

參考右方聯絡資訊進行安排

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Everyone who cares for someone will learn by Osmosis

