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• 病理學 免疫及微生物學



🕒 三、四年級:整合性基礎醫學教育

三年級以正常人的大體構造、功能及行為為主要內容而整合的課程。

三年級主要為臨床基礎醫學之各科目,包含有四大部份:1.人體構造與發展:大體解剖學及實驗、神經解剖學及實驗。2.人體功能:生理學及實驗。3. 致病機制:病理學。4.致病原與防衛系統:免疫學/微生物學及實驗、寄生蟲學 及實驗、藥理學及實驗。上述科目以器官系統分為多個模組,包括Introduction to Human Structure (3週)、

Musculoskeletal System (3週) 、 Pulmonary Sy Gastrointestinal System (2週) 、 Fluid, Electro defense (Blood & Immune) (5.5週) 、 Reprodu and Metabolism (3.5週) 、 Brain & Behaviors (獨立授課之課目,包括:醫院及社區志工服務及生死 (1.5週) 、Cardiovascular System (3週) 、 enal and Genitourinary System (2週) 、Host (stem及 Growth & Development (4週) Endocrine 部分系統每學期配合整合課程之PBL教案。此外亦規劃

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Key titles

Clinically Oriented Anatomy, 7e

Keith L. Moore, Keith L. Moore, Arthur F. Dalley, II; Arthur F. Dalley, II; Anne M. R. Agur, Anne M. R. Agur



Grant's Atlas of Anatomy, 13e Anne M.R. Agur, Arthur F. Dalley II



Neuroanatomy: An Atlas of Structures, Sections, and Systems, 8e Duane E. Haines



Grant's Dissector, 15e Patrick W. Tank



Neuroanatomy in Clinical Context: An Atlas of Structures, Sections, Systems, and Syndromes, 9e

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Langman's Medical Embryology The set

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Histology: A Text and Atlas with Correlated Cell and Molecular Biology, 7e

> Michael H. Ross, Wojciech Pawlina



Langman's Medical Embryology, 12e T.W. Sadler



Color Atlas and Text of Histology, 6e Leslie P. Gartner, James L. Hiatt



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Barr's The Human Nervous System: An Anatomical Viewpoint, 10e

John A. Kiernan, Nagalingam Rajakumar





Essential Neuroscience, 3e Allan Siegel, Hreday N. Sapru



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Cases and Concepts Step 1: Pathophysiology Review Karen Spizer



Pathophysiology of Heart Disease, 5e Leonard S. Lilly, Leonard S. Lilly



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Renal Pathophysiology: The Essentials, 3e

Helmut G. Rennke, Bradley M. Denker



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Raphael Rubin, David S. Strayer, Emanuel Rubin



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David S. Strayer, Emanuel Rubin, Jeffrey E. Saffitz, Alan L. Schiller



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David E. Golan, Armen H. Tashjian, Jr.; Ehrin J. Armstrong, April W. Armstrong



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教科書瀏覽-圖像集合



Grant's Atlas of Anatomy, 13e

Anne M.R. Agur, Arthur F. Dalley II

Table of Contents

- Images (695)
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IMAGES

- Chapter 1: Thorax
- Chapter 2: Abdomen
- Chapter 3: Pelvis and Perineum



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- 可直接將圖片匯出成 PPT或是加到我的最愛

Surface Anatomy of Male Pectoral Region

The subject is adducting the shoulders against resistance to demonstrate the pectoralis major muscle.

The sternum (breastbone) lies subcutaneously in the anterior median line and is palpable throughout its length.

View in Context





教科書瀏覽-內文

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1.1.

Surface Anatomy of Male Pectoral Region

- The subject is adducting the shoulders against resistance to demonstrate the pectoralis major muscle.
- The sternum (breastbone) lies subcutaneously in the anterior median line and is
 palpable throughout its length.
- The suprasternal notch can be palpated between the prominent medial ends of the clavicle.
- · The pectoralis major muscle has two parts, the sternocostal and clavicular heads.
- The inferior border of the sternocostal head of the pectoralis major muscle forms the anterior axillary fold. The axillary fossa ("armpit") is a surface feature overlying a fatfilled space, the axilla, posterior to the anterior fold.
- · The male nipple overlies the fourth intercostal space.

The suprasternal notch

X







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All Topics		sort by: A-Z Progress
〕測驗題目依據教科書中的大主題作排列 - 亦可點選+號展開次主題進行測驗		PQRSTUV WXYZ
	1st week of development	17 Questions
NOT STARTED	Blastocyst formation	6 Questions
NOT STARTED	Cleavage	0 Questions Available
NOT STARTED	Fertilization	8 Questions
NOT STARTED	Gastrulation	1 Questions
NOT STARTED	Implantation	0 Questions Available
NOT STARTED	Ovarian cycle	2 Questions



點選測驗題目後,進行以下設定:

- 1. 選擇欲測驗的題數
- 2. 設定回答時間
- 3. 設聽題目型式(預設為以新題目及常做錯的題目為主,也可設定成可立 即看到解答)

low ma 6 60	of 6 (appx 6 mins) seconds per question	 Focus on new questions Focus on questions I got wrong Check my answers immediately 	
--------------------------	--	--	--



RETURN TO QUIZ LANDING PAGE >

Time Alloted Per QuestionTime Spent60 Seconds00:33



Which layer(s) of the embryonic disc is/are present at the end of the second week of development?



Submit Quiz



Clear Response



Quiz Results



Quiz Answers

Which layer(s) of the embryonic disc is/are present at the end of the second week of development?		
Your Response: Epiblast and mesoderm	• 詳細記錄測驗資訊	
	•每題皆提供詳細解析以協助釐清問	
Correct Despenses Epiblicit and hunchlast		

Correct Response: Epiblast and hypoblast

Rationale: At the end of the second week, the embryonic disc consists of two layers: the epiblast dorsally and the hypoblast ventrally. The epiblast layer will give rise to all of the cells and tissues of the embryo.



x

Start Quiz: 2nd week of development







Which layer(s) of the embryonic disc is/are present at the end of the second week of development?

- Ectoderm and mesoderm
- Epiblast
- Mesoderm
- Epiblast and hypoblast
- Epiblast and mesoderm







Which layer(s) of the embryonic disc is/are present at the end of the second week of development?



- 😣 Epiblast
- Mesoderm
- 🥝 Epiblast and hypoblast
- Epiblast and mesoderm

Your Response: Epiblast

Correct Response: Epiblast and hypoblast

Rationale: At the end of the second week, the embryonic disc consists of two layers: the epiblast dorsally and the hypoblast ventrally. The epiblast layer will give rise to all of the cells and tissues of the embryo.

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Image 0

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Figure 7.17. Surface anatomy of the face.



Caspase-1-Independent IL-1 Release Mediates Blister Formation in Autoantibody-Induced Tissue Injury through Modulation of Endothelial Adhesion Molecules. J Immunol 2015.

Publimed ARTICLES

Facial extention of ear pathology: infected cholesteatoma causing a parotid abscess. BMJ Case Rep 2015;2015():.

Evolution of US maize (Zea mays L.) root architectural and



ADVANCED SEARCH

Lucy Yu

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siology (524)

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醫生為浩浩做鼻咽管檢查後,告訴誼婷:「浩浩 是急性鼻竇炎(Acute sinusitis)合併中耳炎,需 要服用抗生素治療,而且浩浩有鼻腺體增生 (adenoid hypertrophy)。」

Q1: 鼻竇的位置在哪裡呢?

Q2: 鼻竇炎(sinusitis)的病理資訊

Q3:鼻腺體增生(adenoid hypertrophy)的延伸資訊



Q1: 鼻竇(sinusitis)的位置在哪裡呢? 利用「搜尋功能」→輸入關鍵字→利用「篩選功能(Media-Image)」精簡搜尋結果

Q2: 鼻竇炎(sinusitis)的病理資訊 利用「搜尋功能」→輸入關鍵字→利用「篩選功能(Subject-Pathology/Pathophysiology)」精簡搜尋結果

Q3:鼻腺體增生(adenoid hypertrophy)的延伸資訊 利用「搜尋功能」→輸入關鍵字→右方的「PubMed Articles(Open Access文章)」來做延伸閱讀的學習



資源類型多樣豐富

- 除了紙本教科書內容外,提供豐富的多媒體資源,如影片、測驗、以及臨床 實例等,輔助學習與教學
- 並可針對各資源類型進行瀏覽

打破以往紙本閱讀的不便,線上閱讀的方式更加便利與快速

檢索操作簡單

- 僅需透過關鍵字,即可簡單快速地搜尋到文字或多媒體資源。
- 並提供篩選功能,讓檢索結果更符合需求

整合課程與實際案例及臨床技巧



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