

JoVE Clinical Skills 護理臨床技能

試用期間：9/6-10/5

資源連線：ERMG> 資料庫

資源介紹：提供護理相關學習影片，內容分為六大主題：

一、主題說明：<http://www.chimei.org.tw/網站公告/file/in/54110/325.pdf>

1. Physical Examinations I~III 身體檢查基礎影片(三子集，共 45 個影片)，包含測量血壓到心血管、心臟、眼睛、耳鼻喉、淋巴、腹部、骨盆、神經、骨骼等...。
2. Emergency Medicine and Critical Care 急診醫學和重症監護(共 15 個影片)，包含心肺復甦術、心包穿刺術、動脈線與靜脈導管、穿刺針放置等...。
3. Nursing Skills 護理技能(共 15 個影片) 安全檢查和用藥管理五項權利、吸入式藥物教學、皮下藥物與肌肉注射、腸溶管給藥技能、靜脈導管插入、外周靜脈導管 (PIV)、靜脈注射 (IV)、靜脈推注給藥、換藥等...教學。
4. Coronavirus / COVID-19 Procedures 冠狀病毒 / COVID-19 程序(共 12 個影片)·包含對患者進行鼻拭子測試、防護設備穿脫教學、接觸患者前後應使用以下洗手教學、醫療設施佈署、氣管插管與檢查、為重症監護患者放置中心靜脈導管等...教學。



Physical Examinations I

This collection provides a foundation for performing physical exams; with techniques ranging from measuring blood pressure or vital signs, to key pulmonary and cardiovascular physical examinations.



Physical Examinations II

This collection is a specialized edition featuring methodologies and procedures associated with more sensitive and comprehensive physical exams such as HEENT exams, abdominal exams, and pelvic exams.



Physical Examinations III

This collection covers physical examination of two major systems in our body: neurological and musculoskeletal, with videos explaining relevant anatomy, the rationale behind the steps, and the interpretation of the exam findings.



Emergency Medicine and Critical Care

This collection delves into a wide range of procedures employed in emergency and intensive care settings, ranging from basic life support methods such as CPR and rescue breathing to other common procedures performed during emergency situations.



Nursing Skills

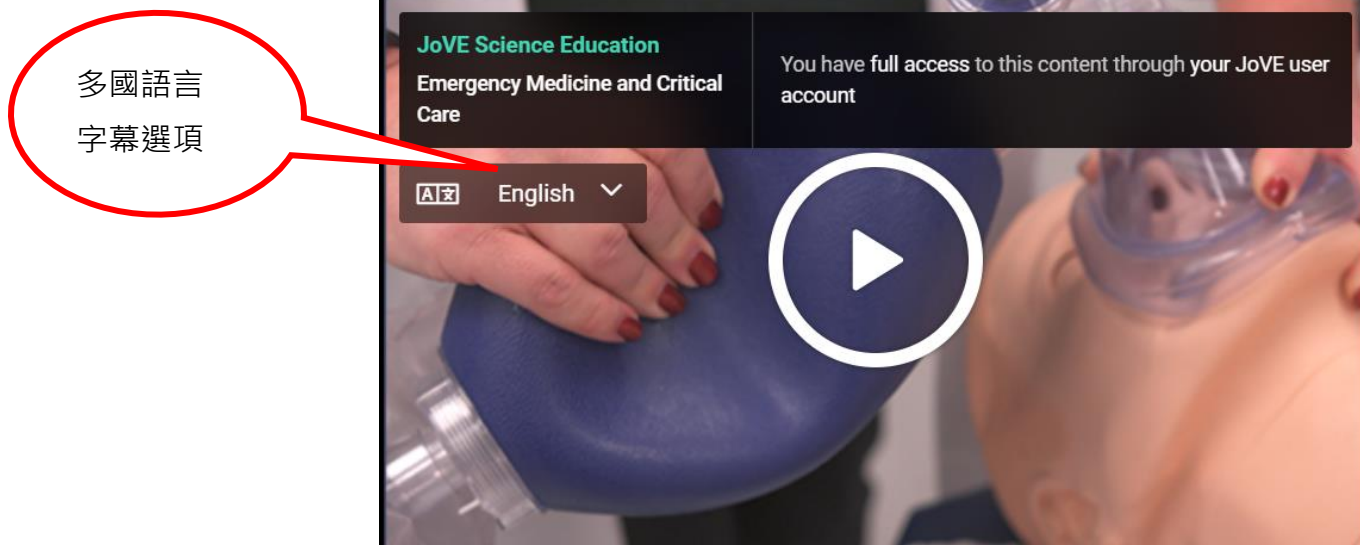
This collection demonstrates medication preparation and administration, with videos highlighting important safety checks, considerations, dosage calculations, and common mistakes associated with improper medication administration.



Coronavirus / COVID-19 Procedures

This collection demonstrates procedures for healthcare workers who are screening and treating patients for COVID-19/Coronavirus.

二、影片說明：大部份有提供多國語言字幕



多國語言字幕選項與影片章節說明：

📖 Chapters		🗣️ Languages		📖 Chapters	
English	العربية	中文	Deutsch	0:00	Overview
Français	עברית	Italiano	日本語	1:06	Essential Steps
한국어	Português	Русский	Español	5:12	Troubleshooting Steps
Türkçe				7:53	Summary

影片與文字說明



Basic Life Support Part II: Airway/Breathing and Continued Cardiopulmonary Resuscitation

Overview

Source: [Julianna Jung, MD, FACEP](#), Associate Professor of Emergency Medicine, The Johns Hopkins University School of Medicine, Maryland, USA

High-quality cardiopulmonary resuscitation (CPR) and defibrillation are the most important interventions for patients with cardiac arrest, and should be the first steps that rescuers perform. This is reflected in the American Heart Association's new "CAB" mnemonic. While rescuers were once taught the "ABCs" of cardiac arrest, they now learn "CAB" - circulation first, followed by airway and breathing. Only once CPR is underway (and defibrillation has been performed, if a defibrillator is available) do we consider providing respiratory support. This video will describe the correct technique for providing respiratory support to a patient in cardiac arrest, and how to continue basic life support over the period of time until help arrives.

This video assumes that all the steps described in "Basic Life Support Part I: Cardiopulmonary Resuscitation and Defibrillation" have already been completed. This video does NOT depict the initial steps taken when arriving at the scene of a cardiac arrest.

三、JoVE 教學應用工具

(一) 「Science Education」 Create Quiz 線上題庫建立：

****此功能僅適用於Science Education****

The screenshot shows the JoVE Science Education website. At the top, there is a search bar and navigation links. Below the search bar, there is a video player with a play button. To the right of the video player, there is a table of contents with chapters and languages. Below the video player, there is a section titled 'Overview of Biomaterials' with a transcript. On the right side, there is a sidebar with buttons for 'PROTOCOL', 'EMBED VIDEO', and 'CREATE QUIZ'. The 'CREATE QUIZ' button is highlighted with a red box. Below the sidebar, there is a section titled 'Applications' with a video thumbnail and a description.

(二) 建立播放清單(Play List)：

您可以自行設計撥放清單將想要紀錄的工程或醫學視頻，設定於播放列表(Play List)，您將在“我的播放列表”頁面上看到它。您可以隨時點選“複製播放列表 URL”與學生和同事共享，複製或編輯它。

The screenshot shows the 'My Playlists' page on the JoVE website. At the top, there is a search bar and navigation links. Below the search bar, there is a section titled 'My Playlists' with a 'Create New Playlist' button. Below this, there is a table with columns for 'Edit', 'Clone', 'CSV', 'Copy Playlist URL', and 'Delete'. The first row of the table shows a playlist named 'CHEM 104 (Fall 2020)'.

The screenshot shows the 'Stoichiometry' page on the JoVE website. At the top, there is a search bar and navigation links. Below the search bar, there is a section titled 'Stoichiometry' with a list of video articles. The articles are categorized by 'Education: General Chemistry' and 'Education: Organic Chemistry'. The first article is 'Determining the Empirical Formula'.

建置 Playlist 線上操作影片



[Watch a video tutorial](#)

(三) 影片嵌入(Embed)功能，提供遠距教學：

與 JoVE 一起促進遠端教學：科學專家合作製作的跨多個 STEM 學科的 12,000 多個科學概念和實驗方法影片演示。

在德薩萊斯大學完成的另一項研究發現，觀看 JoVE 關於質粒純化影片的分子生物學學生，在實驗前觀看後再測試，100% 得分較高；如果只有透過實驗後再受測只有 76% 得分較高。

The screenshot shows the JoVE website interface. At the top is a navigation bar with the JoVE logo, a search bar, and various menu items like 'Faculty Resource Center', 'COVID-19', 'Research', 'Education', 'Authors', 'Librarians', 'About', and 'Anne Chen'. Below the navigation bar is a video player showing a close-up of a laboratory setup with a large play button in the center. To the right of the video player is a table of contents for the video, listing time stamps and titles: 0:04 Introduction, 1:06 A and B Polarizer Reference Direction Setup, 2:00 Waveplate Azimuthal Angles Reference Angle Setup, 2:51 Single $^{25}\text{Mg}^+$ Ion Doppler Cooling, 3:30 Doppler Cooling Laser Frequency Wavelength Meter Locking, 4:01 Laser Intensity Setup, 4:33 Vacuum Window Birefringence Measurement, and 4:59 Results: Representative Vacuum Window Birefringence Analyses. Below the video player is the article title 'In Situ Measurement of Vacuum Window Birefringence using $^{25}\text{Mg}^+$ Fluorescence' and its DOI: 10.3791/61175. The authors listed are W. H. Yuan¹, H. L. Liu¹, W. Z. Wei¹, Z. Y. Ma¹, P. Hao¹, Z. Deng¹, K. Deng¹, J. Zhang¹, Z. H. Lu¹. The affiliation is MOE Key Laboratory of Fundamental Physical Quantities Measurement, Hubei Key Laboratory of Gravitation and Quantum Physics, PGMF and School of Physics, Huazhong University of Science and Technology. There is a 'Summary' section with an 'Automatic Translation' button and the date 'June 13th, 2020'. On the right side of the article, there are buttons for 'ARTICLE', 'EMBED VIDEO' (highlighted with a red box), and 'DOI'. Below these buttons are social media sharing icons (Twitter, Facebook, LinkedIn, etc.) and a 'USAGE STATISTICS' button showing '515 Views'.

更多說明：請點選 JoVE [教學應用工具說明](#)網站，或掃描 QR Code



(四) 利用 Google 翻譯，學生學習不卡關



體格檢查一

該合集為進行體檢提供了基礎；使用範圍從測量血壓或生命體徵到關鍵的肺部和心血管身體檢查的技術。



體格檢查二

該合集是一個專門的版本，其中包含與更敏感和更全面的體檢（如 HEENT 檢查、腹部檢查和骨盆檢查）相關的方法和程序。



體格檢查 III

該合集涵蓋了對我們身體的兩個主要系統的身體檢查：神經系統和肌肉骨骼系統，其中包含解釋相關解剖結構、步驟背後的基本原理以及對檢查結果的解釋的視頻。



急診醫學和重症監護

該系列深入探討了在急診和重症監護環境中採用的各種程序，從基本的生命支持方法（如 CPR 和人工呼吸）到在緊急情況下執行的其他常見程序。



護理技能

該系列展示了藥物製備和給藥，視頻突出了重要的安全檢查、注意事項、劑量計算以及與不當給藥相關的常見錯誤。



冠狀病毒 / COVID-19 程序

該系列展示了針對 COVID-19/冠狀病毒篩查和治療患者的醫護人員的程序。

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