

急重症照護評估和處置系列課程

急重症照護系列課程 I 曾於 2023 年上架，共吸引 15,000 人次上網學習並完成課程，學員對於課程滿意度很高，覺得有全英文授課很棒，可同時學習臨床專業知識和練習英文，講師以深入淺出的方式從解剖、病生理、病人的臨床表現、到評估、鑑別問題診斷以及最新實證的處理。2025 年除了再次將此系列課程 I 上架之外，同時增加系列課程 II，有興趣學習的學員請不要錯過！

系列 I 課程目標：

1. Identify pathophysiology of acute care conditions of the cardiac and pulmonary systems.
2. Explore the relationship between acute care conditions of the cardiac and pulmonary systems, and their clinical presentation.
3. Develop evidence-based differential diagnoses for commonly encountered acute care cardiac and pulmonary system presentations.
4. Construct evidence-based treatment plans for various acute cardiac and pulmonary diagnoses.
5. Discuss evaluation methods and continued treatment for various acute cardiac and pulmonary diagnoses.

系列 II 課程目標：

- 1、Renal system
 - a. Explore the relationship between acute and chronic conditions of the renal and endocrine systems, and their clinical presentation.
 - b. Develop evidence-based differential diagnoses for commonly encountered disorders of the renal and endocrine systems.
- 2、Evaluate the relationship between fluid and electrolyte disorders and their impact on the homeostasis of other body systems.
- 3、Evaluate the relationship between advanced acid-base disorders and their impact on the homeostasis of other body systems.
- 4、Develop evidence-based differential diagnoses for various conditions presented and explored within this course.
- 5、Construct evidence-based treatment plans for various conditions presented and explored within this course.
- 6、Discuss evaluation methods and continued treatment for various conditions presented and explored within this course.

課程主題和內容摘要：

堂次	主題內容	摘要
I-i	<ul style="list-style-type: none"> • Cardiac pathophysiology • Hypertension 	<p>This course will review foundational cardiac physical assessment and pathophysiology. Hypertension will be discussed as it relates to essential hypertensive, hypertensive urgency, and hypertensive emergencies. Evidence-based treatment plans will also be discussed for each of these.</p>
I-ii	<ul style="list-style-type: none"> • Unstable angina/Acute Myocardial Infarction • Arrhythmias 	<p>This course will differentiate between stable and unstable angina and their causes. Pathophysiology of acute myocardial infarction will be discussed along with both interventional and pharmacologic treatments for both. Short term and long-term management of coronary disease will be addressed. Common arrhythmias experienced in acute care will be discussed along with short term and long-term management of stable arrhythmias. Emergency management of life threatening arrhythmias will also be discussed.</p>
I-iii	<ul style="list-style-type: none"> • Heart failure • Acute decompensated heart failure • Cardiorenal syndrome • Acute pericarditis/tamponade 	<p>Concepts of heart failure with both reduced and preserved ejection fraction will be discussed along with appropriate treatment mechanisms. Conditions that cause acute decompensated heart failure, such as acute pericarditis and acute cardiac tamponade will be discussed along with acute care treatment plans.</p>
I-iv	<ul style="list-style-type: none"> • Cardiogenic shock • Obstructive shock • Neurogenic shock • Distributive (septic & anaphylactic shock) 	<p>Physiologic states of shock will be discussed and differentiated. Similarities and differences in pharmacologic treatment plans for each will related to their respected type of shock.</p>
I-v	<ul style="list-style-type: none"> • Gas exchange physiology and pathophysiology • Acute hypoxemic and hypercapnic respiratory failure • ABG and acid base interpretation 	<p>This course will review how to use acid-base disorders and acid-base interpretation to diagnose and manage patient with acute and acute on chronic hypoxic and hypercarbic respiratory failure. This course will also discuss various therapies to treat hypoxemia and hypercapnia.</p>
I-vi	<ul style="list-style-type: none"> • Pulmonary disease: restrictive and obstructive 	<p>This course will discuss and differentiate between restrictive and obstructive pulmonary diseases,</p>

	<ul style="list-style-type: none"> • Pneumonias 	<p>their diagnostic tests, and acute treatment. Additionally, hospital and community acquired pneumonia will be discussed and differentiated along with appropriate treatment plans for each.</p>
I-vii	<ul style="list-style-type: none"> • Chest CT • Chest x-ray 	<p>Diagnostic imaging of the lungs will be introduced and discussed, to include chest computerized tomography (CT) scan and x-ray. Interpretation strategies will be taught along with common pulmonary findings will be presented and discussed.</p>
I-viii	<ul style="list-style-type: none"> • Emergent intubations • Invasive and noninvasive mechanical ventilation • Pulmonary embolism • Pleural effusion 	<p>Invasive and non-invasive airway and ventilator management will be differentiated and associated with appropriate indications. Emergent airway management and intubation will be discussed. Finally, acute pulmonary conditions of pulmonary embolism and pleural effusion will be presented along with possible causes, evaluation, and evidence-based management strategies.</p>
II-i	Management of acute and chronic renal failure	<p>The lectures will present content pertaining to the complex presentation and diagnosis of acute and chronic renal failure. Evidence-based treatment and management plans will be discussed for each condition.</p>
II-ii	Fluid and electrolytes	<p>The lectures will present content pertaining to the complex presentation and diagnosis of fluid and electrolyte abnormality. Evidence-based treatment and management plans will be discussed for each condition.</p>
II-iii	Acid base and ABG interpretation	<p>The lectures will present content pertaining to the advanced acid base disorders, including respiratory alkalosis, metabolic acidosis, and mixed acid-base disorders. Evidence-based treatment and management plans will be discussed for each condition.</p>
II-iv	Endocrine disorders I	<p>The lectures will present content pertaining to the diabetes type 1 and diabetes type 2. Evidence-based treatment and management plans will be discussed for each condition.</p>
II-v	Endocrine disorders II	<p>The lectures will present content pertaining to SIADH and diabetes insipidus. Evidence-based treatment and management plans will be discussed for each condition.</p>

課程說明

1. 提供**護理師、專科護理師**取得繼續教育積分。
2. 系列 I，8 堂專業課程，系列 II，5 堂。
3. 每堂課程收費 **100 元**，系列 I，8 堂系列優惠價 **560 元**。系列 II，5 堂系列優惠價 **350 元**
4. 全程英文授課有英文字幕。
5. 各堂課程需完成課程測驗、課程閱讀指定時間期滿及課程回饋問卷，即可取得繼續教育積分。
6. 每月 **10 號**上傳教育積分。
7. 上課時間
系列 I：2025 年 02 月 08 日~2026 年 01 月 19 日。
系列 II：2025 年 03 月 10 日~2026 年 03 月 09 日。

師資介紹

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現職

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學歷

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- 范德比大學 (Vanderbilt University) 護理系碩士
- 佛羅里達州立大學護理系學士

證照與訓練

- ANCC ACNP-BC 資格認證
- ANCC FNP 資格認證
- AACN Adult Critical Care Nurse (CCRN) 資格認證
- National League of Nursing Certified Nurse Educator 資格認證
- 美國心臟學會 (American College of Cardiology) ACLS 資格認證
- Drug Enforcement Administration 執業登記



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證照與訓練

- ANCC ACNP-BC 資格認證
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- AACN Cardiac Medicine 資格認證
- AACN Cardiac Surgery 資格認證
- AACN Adult Critical Care Nurse (CCRN) 資格認證
- Society for Simulation in Healthcare 教學資格認證