

## **Taichung Veterans General Hospital: a high-quality training institute for international medical professionals and students**

### **I. Introduction:**

This hospital is the only public teaching hospital in middle Taiwan. Since the establishment of the hospital, it has received numerous awards. It has always been actively and enthusiastically involved in international medical affairs, especially in the education of international medical personnel. The following information provides reference for the hospital's international awards, cutting-edge skills, and medical expertise in recent years.

We sincerely welcome all international medical personnel to apply for clinical education and training in the hospital.

### **II. Honors:**

#### **1. International awards**

- (1) A Center of Excellence in Diabetes Care by the International Diabetes Federation (certification)
- (2) A Center of Education in Diabetes Care by the International Diabetes Federation (certification)
- (3) A Center of Excellence by the Asia Pacific League of Associations for Rheumatology (certification)
- (4) Global Non-smoking Hospital International Gold Certificate (ENSH-Global Network for Tobacco Free Health Care Services)
- (5) SIDCER/FERCAP (The Strategic Initiative for Developing Capacity in Ethical Review / Forum for Ethical Review Committees in Asia & the Western Pacific) certification for compliance with international and local regulations and standards in ethical review
- (6) Certified by the US "Patient Safety Movement Foundation" for a commitment to patientsafety
- (7) The Pathology Department was certified by the American Pathology Society (CAP)
- (8) International ICQCC Gold Award

#### **2. Domestic awards**

- (1) Smart Institution Award by the Joint Commission in Taiwan in 2015, 2019
- (2) 5 awards of Innovation by the Institute for Biotechnology and Medicine Industry
- (3) The National Medical Quality Award and the certification of Kidney Disease Care by the Joint Commission in Taiwan
- (4) The Five-star Award for Excellent Occupational Safety and Health Units awarded by the Ministry of Labor
- (5) The Award for Excellent Performance in the Promotion of Clinical Skills Evaluation Model and the Implementation of Clinical Medical Teacher Training Plan awarded by the Ministry of Health and Welfare

- (6) The Gold Medal for Implementation of Electronic Medical Records and Interoperable Applications awarded by the Ministry of Health and Welfare
- (7) The Model Hospital for Health Promotion awarded by the Ministry of Health and Welfare
- (8) The Gold Medal for the Taiwan Train Quality System (TTQS) in Enterprises awarded by the Ministry of Labor
- (9) The "Hazard Analysis Critical Control Point, HACCP" certificate by the Food and Drug Administration of the Ministry of Health and Welfare
- (10) "Award for Outstanding Service and Contribution to Taiwan International Medical and Health Personnel Training Center" by the Ministry of Health and Welfare

### III. Advanced equipment and cutting-edge clinical skills

Da Vinci robotic system, low-radiation and low-dose computer tomography of gemstone energy spectrum, Gamma knife neurosurgical instrument, positron imaging, hyperbaric oxygen chamber, high-energy tele-radio therapy device, nuclear magnetic resonance instrument, cardiac catheterization, quasi molecular laser angioplasty system, single photon emission computed tomography, extracorporeal shock wave lithotripsy, cardiac multi-slice computed tomography (MDCT), etc.

### IV. Special medical treatments

1. The hospital adheres to the mission of "To strive for excellence in health care, medical education and research to improve the health of veterans, the general public and all human beings." A number of artificial intelligent systems have been developed to visualize the hospital's visions: "To deliver intelligent and holistic medicine and to provide the best healthcare." With a patient-centered concept, the work flow and efficiency of the hospital have been continuously improved. Various centers have been established to fulfill patients' needs, such as Cancer Prevention Center, Center for Geriatrics & Gerontology, Cardiovascular Center, Neurological Institute, Health Examination Center, Endoscopy Center, Integrated Prostate Disease Prevention Center, Emergency Ward for Aged Patients, etc. In addition, the following services are available: discharge preparation services, 24-hour health consultation services, home medical care, day care, long-term care services, and community medical care networks to implement graded two-way referral medical care, cancer prevention, diabetes health promotion, etc.
2. AI talents in the hospital have been trained since 2019. In 2020, a strategy of one Al in one department has been implemented to promote the lean policy. We will develop the analysis of big clinical data, artificial intelligence, precision medicine and deep learning, and set up platforms for decision making of machine learning and clinical care, gene service and applications, etc. to assist in medical operations and patient care. We strive to achieve the highest level of medical care and create a health care institute of ever-better quality.

## 臺中榮民總醫院:優質的國際醫事人才臨床教育訓練機構

### 一、前言:

本院是中部唯一公立的教學醫院，自建院以來囊括獎項與榮耀不計其數，並對於國際醫療事務一向主動熱忱參與，特別在培育國際醫事人才的作為，更是秉持地球村一員的觀點，不餘遺力提出貢獻。以下以近些年來本院國際獲獎、尖端技能、及特色醫療等訊息提供參考，我們竭誠地歡迎，國際各醫事人員提出來院臨床教育訓練的申請。

### 二、優良暨特殊事跡記要:

#### (一)國際獲獎殊榮

- 1.國際卓越糖尿病中心認證
- 2.國際糖尿病教學中心認證
- 3.亞太卓越風濕病中心認證
- 4.全球無菸醫院國際金獎認證
- 5.WHO/FERCAP 人體試驗委員會國際認證
- 6.獲美國「病人安全運動基金會」頒發承諾病人安全認可標章
- 7.獲美國病理學會（CAP）認證病理檢驗部實驗室合格
- 8.國際 ICQCC 金獎

#### (二)國內獲獎殊榮

- 1.2015 及 2019 均榮獲「智慧全機構獎」之榮譽
- 2.獲生策會頒發國家新創獎五項(呼吸衰竭暨急性呼吸窘迫智慧化照護系統、電腦斷層導引切片輔助雷射...等)
- 3.獲醫策會頒發國家醫療品質獎，及腎臟病疾病照護認證
- 4.獲勞動部頒發職業安全衛生優良單位五星獎
- 5.獲衛生福利部頒發推廣臨床技能評估模式及一般醫學臨床教師培育計畫執行成效優良獎
- 6.獲衛生福利部實施電子病歷及互通應用績優醫院-電子病歷調閱數-金獎
- 7.獲衛生福利部國民健康署頒發健康促進醫院典範獎
- 8.勞動部勞動力發展署頒發人才發展品質管理系統(TTQS)企業機構版金牌獎
- 9.獲衛生福利部食品藥物管理署核發「餐飲業食品安全管制系統衛生評鑑」(HACCP)證書
- 10 獲衛生福利部頒發「台灣國際醫療衛生人員訓練中心卓越服務貢獻獎」

### 三、尖端臨床設備及技能

達文西機械手臂、寶石能譜低輻射低劑量電腦斷層、加馬刀神經手術儀、正子造影、高壓氧艙、高能遠距放射治療儀、核磁共振儀、心導管手術、準分子雷射血管成型術系統、單光子發射電腦斷層、體外震波碎石機、心臟血管多切面電腦斷層(MDCT)等

#### 四、特色醫療

- (一)本院秉持「追求卓越醫療、教學及研究，以增進榮民、一般民眾以及全人類健康」的使命，且以院景目標「全人智慧、醫療典範」，積極發展多項智慧系統，並以「病人為中心」的理念持續改善作業流程、提升工作效率。舉凡；成立癌症防治中心、高齡醫學中心、心臟血管中心、神經醫學中心、健檢中心、內視鏡中心、整合性攝護腺疾病防治中心、高齡急診後送病房等。並提供出院準備服務、24 小時健康諮詢服務、居家醫療、日間照護、長照服務，與社區院所成立醫療網路，落實分級醫療雙向轉診癌症防治、糖尿病健康促進..等。
- (二)2020 年以一部一科一 AI 的策略發展推動本院精實醫療，並從 2019 年開始培訓院內 AI 種子人才，由臨床資料之大數據分析、發展人工智慧、精準醫學及深度學習等領域，開發各項機器學習及臨床照護之決策服務平台以及基因應用服務平台，輔助醫療作業及病人照護，以達最高水準的醫療照護服務，邁向全國智慧醫院標竿領先地位，共創更優質的醫療環境。