

國立成功大學醫學院附設醫院 2018年報

2018 Annual Report of the National Cheng Kung University Hospital





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設立宗旨 STRATEGIC GOALS

提供臨床教學實習 Offering clinical teaching and internship

促進醫學之研究發展 Promoting medical research and development

提供完善之診療服務 Offering excellent medical services to the public

協助地區醫療單位之發展

Assisting the development of local medical units and institutions

辦理各類醫療人員繼續教育

Holding continuous medical education programs for medical personnel

願景 CORE GOALS

民眾最理想的健康照護中心 Being the best medical care center for the general public

醫療人員最理想的教學研究與工作環境

Being the best teaching, research and work environment for medical professionals

核心價值 CORE VALUES

生命、愛心、卓越、創新

Life, Love, Excellence, Creativity

策略目標 STRATEGIC GOALS

- 01) 顧客 提供全人的優質醫療
 - - C.1提供整合性全人醫療照護 C.1 Provide integrated holistic medical care
 - C.2提升內外部顧客滿意度 C.2 Increase customer satisfaction internally and externally
 - 內部流程 落實病人安全及便利就醫

Internal Process-Ensure patient safety and access to care

- I.1營造安全就醫環境 L1 Create a safe medical environment
- L2建置便利就醫流程 L2 Implement convenient care-seeking procedures
- L.3強化資通訊科技運用 L.3 Strengthen Information and Communication Technology usage
- 學習成長 培育全人照護能力的醫事人才 Learning and Development-Cultivate Holistic Care Medical Professionals

- L.1提供全人照護的人才培育 L.1 Train staffs for holistic care
- L.2強化師資培育及教學能力評估 L.2 Strengthen teachers' skills of teaching and assessment
- L.3提升跨領域團隊合作照護能力 L.3 Enhance interprofessional education and practice
- L.4提升臨床技能中心教學效能 L.4 Maximize the efficacy of clinical skill center
- 學習成長 建構卓越醫學研究中心

Learning and Growth-Construct an excellent medical research center

- R.1提升研究動能 R.1 Enhance research momentum
- R.2躍升國際計畫 R.2 Increase international projects
- R.3 開發尖端醫療科技 R.3 Develop cutting edge medical technologies
- 財務 強化醫療效益及永續經營

Financial-Reinforce medical benefits and sustainable management

- F.1 改善成本結構,穩定醫療收入 F.1 Improve cost structure and stabilize medical revenue
- F.2提高資源配置適當性 F.2 Increase the suitability of resource allocation
- F.3避免醫療資源浪費 F.3 Reduce waste of medical resources
- 社會責任 善盡社會責任

Social Responsibilities-Uphold social responsibilities

- S.1整合社區推動健康促進及長期照護 S.1 Integrate communities to carry on health promotion and long
- S.2推動綠色醫院 S.2 Promote green hospitals
- S.3推動國際醫療援助 S.3 Promote international

國立成功大學醫學院附設醫院

病人權利與配合事項

病人權利

病人配合事項

公平醫療

本院不會因為性別、年齡、宗教、種族、國籍、職業、身分等而有差別代遇。

專業識別

本院醫事人員均配戴識別證,若未配戴者,您可拒絕其 提供之醫療服務。

告知說明

本院醫療人員為您診治時,會向您或親屬告知病情、治療方針、處置、用藥、預後情形及可能之風險等。

醫療參與

鼓勵您參與醫療過程及決策,並歡迎您發問、討論或要 求說明。您亦可徵詢其他醫師之第二意見。您有權利接受 或拒絕醫療人員有關檢查或治療的建議。

知情同意

手術、麻醉、侵入性檢查或治療前,本院醫師會先向您或您的法定代理人、配偶、親屬或關係人說明該處置的原因、成功率、可能的併發症、副作用、風險及替代方案等,經同意並簽具同意書後,我們才會進行檢查或治療,但依醫療法規定,遇有緊急情況時,則不在此限。

隱私保護

本院依法善盡保密您病歷資訊之義務;合乎法律及醫學 倫理情況下,尊重您不願告知特定家屬或他人您病情之 意願;您可以請本院同仁設定拒絕訪客查詢住院資料。

病歷申請

若您本人、法定代理人或經授權之人需要申請病歷複製本、各類診斷證明書、影像資料光碟複製等病歷資料, 應出示相關證明文件。

安寧療護

末期病人可以拒絕施行心肺復甦術及選擇安寧緩和醫療 , 成年人均可以簽署「預立選擇安寧緩和醫療意願書」

,您也可以簽立醫療委任代理委任書。您的意願選擇, 隨時都可以以書面撤回。

意見反應

反應管道:

- 1.電話06-2766668或分機6668
- 2.電郵hospital@mail.hosp.ncku.edu.tw
- 3.填寫意見表投入院長信箱。

醫療事宜

1.請您配合醫療團隊的治療計畫,包括飲食、運動、藥物 及復健等,並應將病情、病史、藥物過敏史及是否正在使 用其他醫療方式等重要資訊,詳實告知醫療人員。

2.請勿接受不明人士宣稱或推銷之保健食品或藥品。

3.您在做醫療決定前,應先了解拒絕或接受治療可能造成的風險。

4.若醫師認為病情不適合出院,而您堅持出院時,依醫療 法規定,須請您填具自動出院書。

5.因病情狀況,經醫師判定適合出院或轉床時,應請配合。

6.您不得要求醫事人員提供不實的資料或診斷證明。

7.您應遵守本院暨健保的相關規定。

醫療費用

請您瞭解並同意負擔各項診治費用及其付費方式。若需採 用健保不給付之自費項目時,本院會先作說明並經您同意 後才施行。

感染管制

為保障您與他人健康,請遵守本院感染管制規範及措施: 1.請多洗手;若您有發燒或呼吸道症狀(如咳嗽)請配戴口置。

2. 請勿攜帶輸液、引流管路、穿著手術衣或探病衣,進入 商場、公共場所等。

3. 免疫功能低下、發燒、腹瀉或呼吸道症狀(如咳嗽)病人 ,應避免出入商場及公共場所等。

4. 特殊隔離病人於隔離期間,非經醫護人員同意,不得離開病室,照顧者請勿與其他病人及照顧者接觸。

環境衛生

本院全面禁菸、禁酒及禁嚼食檳榔,特定區域內禁用手機。除導盲犬外,禁止將寵物帶入院區。

財物管理責任

本院無承擔個人財物遺失或損壞的責任,請勿攜帶貴重物品到院或自行妥善保管財物。若發生財物遺失事件,本院可協助找尋,或於必要時陪同您向管區派出所報案。

拍照錄影錄音

為維持醫療運作暨維護病房安寧,並保障其他病友與本院 人員之隱私權等,請您勿在本院院區內進行採訪、拍照、 錄影或錄音。

院區安全

- 1.本院門禁時段為晚間9:30至次日早上7:00。門禁期間, 僅持有陪病證者可進出病房,無陪病證者應在晚間9:30前 離院,以維護病室安寧及公眾安全。
- 2. 禁帶危險物品或法定違禁品到院,違者本院得中止醫療辦理出院程序或報案處理。若於院內發現有暴力行為之虞或可疑人士,請通知警衛人員處理。

National Cheng Kung University Hospital

Patient Rights and Guidelines

Patient Rights

Equal Medical Treatment

Patients of this Hospital will receive access to equal medical treatment regardless of gender, age, religion, race, national origin, occupation, or social status.

Professional Identification

The medical staff of this Hospital must wear ID badges. You may refuse treatment by those who fail to display any ID badges.

Informing

While the medical staff members provide treatment for you, they will inform you or your family of your condition, treatment plan, treatment, medication, prognosis, potential risks, etc.

Medical Participation

We encourage you to participate in the treatment process and decision making, and we welcome you to raise questions, discuss the matter, or ask for instructions. You may also seek a second opinion from other doctors. You have the right to accept or refuse any advice on examination or medical treatment made by the medical staff.

Informed Consent

Before any surgery, anesthesia, invasive examination or treatment, the doctor will first explain to you, your legal representative, spouse, relatives, or related people the reason for the treatment, success rate, possible complications, side effects, risks, and alternatives. Only after the consent is signed and agreed to will we proceed with the examination or treatment. However, according to Medical Law, this does not apply in case of emergency.

Privacy Protection

This Hospital has the responsibility to protect the confidentiality of your medical records. We respect your unwillingness to inform specific relatives or others of your condition as long as it is in accordance with the law and medical ethics. You can ask a staffer to block visitors from looking up your hospitalization information.

Application for Medical Records

When you, your legal representative, or an authorized party applies for a copy of your medical records, medical certificates, or a disk of copied images, you are required to provide identification information.

Hospice Care

Patients with terminal illness may refuse CPR and opt for hospice care. Adult patients can sign "Pre-Consent to Hospice Care." You can also sign a medical power of attorney. You can make your own decision and you are able to withdraw the decision in writing anytime.

Opinions

Tell us your opinions via:

- 1. Tel 06-2766668 or dial extension 6668
- 2. Email: hospital@mail.hosp.ncku.edu.tw
- 3. Fill in the feedback form and post it in the director's mailbox.

Patient Guidelines

Medical Matters

- 1. We ask you to comply with the treatment plan of our medical team, including eating, exercising, medication and rehabilitation plan. Also, we ask you to faithfully inform the medical staff of your condition, medical history, allergies to medications, and medical treatments you are currently undergoing.
- 2. Do not accept health food or medicine promoted or sold by unknown people.
- 3. Before you make any medical decisions, you must first know the potential risks arising from accepting or refusing the treatment.
- 4. If you insist on leaving the hospital when the doctor considers your condition to be unsuitable for being discharged, you must fill in an AMA (against medical advice) form.
- 5. We ask for your cooperation when the doctor advises hospital discharge or intra-hospital transfer according to your condition.
- 6. You are not allowed to ask our medical staff to provide you with unfaithful information or medical certificates.
- 7. You must comply with the pertinent regulations of this Hospital and National Health Insurance.

Medical Expenses

We ask you to look into, and agree to, the treatment expenses and corresponding payment method. If you are using self-pay treatment not covered by National Health Insurance, we will first provide you with instructions and only perform the treatment after obtaining your consent.

Infection Control

To protect the health of yourself and others, please adhere to the infection control regulations and procedures:

- 1. Wash your hands frequently; wear a surgical mask if you have a fever or respiratory problem (e.g. coughing).
- 2. Do not bring any infusion, drainage tube, or wear any hospital gown or clothing for patient visits to shopping malls or public areas.
- 3. Patients with a weak immune system, fever, diarrhea or respiratory problem (e.g. coughing) should avoid going to shopping malls or public areas
- 4. Specially quarantined patients must not leave the ward without the approval of the medical staff during the period of quarantine. Caretakers must not have contact with other patients and their caretakers.

Environmental Hygiene

Smoking, alcohol, and betel nuts are prohibited in this Hospital. In certain areas, cell phones are also prohibited. Apart from guide dogs for the blind, pets are not allowed.

Property Storage Responsibility

This Hospital is not liable for any loss of or damage to personal property. Do not bring any valuable property to the hospital, and please take proper care of your own belongings. If any loss of personal property takes place, we will help you search for the property or accompany you to the district police station to report the case if necessary.

Photography, Filming, or Recording

In order to maintain medical operations and a quiet ward environment, and also protect the privacy of patients and staff, do not conduct interviews, take photographs, film, or record sounds.

Hospital Safety

- 1. This Hospital's access control period is between 9:30 p.m. to 7:00 a.m. (the next day). During the period, only those who hold a permit to accompany patients during their hospital stay are allowed. Those without permits must leave before 9:30 p.m. to maintain a quiet ward environment and public safety.
- 2. Dangerous goods or objects prohibited by law must not be brought to this Hospital. In case of any violation, we will terminate the treatment and discharge the patient, or report the case to the police. If you find any violent behavior or suspicious people in this Hospital, please call security.



院長的話

2018年6月12日是成大醫院30歲的生日·所謂「成醫三十載·醫療展風采;成醫半甲子·護病一輩子」,說明了成醫人這三十年來為民眾的健康兢兢業業、無私奉獻的心。因此·2018年的醫院年報,不只展現成大醫院過去一年的努力成果,更是為這三十年寫下完美的註腳。

在醫療服務方面·2017年本院的「睡眠醫學中心」正式揭牌·提供睡眠障礙相關疾病的醫療診治與研究·包括心血管與代謝性疾病等;中心的成立大幅改善雲嘉南地區睡眠障礙病人就醫檢查的不便·並承擔培育南台灣醫學專業人才及提升南台灣睡眠醫療產學合作能量及品質。本院也參與了經濟部工業局及金屬工業中心「利基生技醫藥產業輔導與國際化推動計畫」·於住院大樓9樓B區病房建置「心肌梗塞患者」智慧型生理監視系統·透過生理監視系統結合雲端上網·於護理站的中央監控螢幕或藉由相關通訊產品即可即時監控病人病情。另癌症中心的頭頸癌團隊與肝癌團隊分別新增了「口咽癌」與「肝內膽管癌」的診療指引,兒童癌症團隊也增加了「兒童惡性橫紋肌肉瘤」項目,彙整院內治療共識,提供臨床醫師診療時的重要參考。

本院於2017年10月順利通過醫學中心級的教學醫院評鑑,在臨床教學訓練方面,可以提供醫師及醫事人員類的訓練。2017年本院提供了400多位包括PGY醫師與國內外實習醫學生的全年及短期受訓;其他醫事職類更提供多達3,000位以上人員之受訓,其中也不乏來自國外的實習學生。

本院2017年的研究計畫總件數高達400多件,其中院內計畫投入的經費,比2016年增加了18%以上;另外也爭取到衛福部、科技部及國衛院共3億多元的研究計畫經費,比2016年增加約10%。此外,本院2017年新增115件臨床試驗計畫,其中87%為國際性的多國多中心的計畫,尤其是早期臨床試驗也持續增加,足見本院臨床試驗之品質已達到國際的水平。在創新研發方面,「光學基因剪切技術:分子、細胞及活體之多層次基因編輯應用」獲得第14屆「國家新創獎學研新創獎」的榮譽。

本院志工團隊有700多位授證志工,秉持公益心與慈善情的美好初衷,在院內各角落提供良好的服務,幫忙醫護人員分勞,更積極協助病人和家屬,在2017年連續獲得臺南市政府及衛福部的績優志工團隊獎的肯定。

身為成醫人,大家都願意為成醫這個大家庭衷心的付出,成大醫院也會持續檢視過去、規劃未來,做好醫療照護的堅持,持續散播愛心與溫暖。期許「成醫三十,築夢踏實」,讓成大醫院成為照護病人一輩子健康的不二選擇,更在醫療照護上展現光彩奪目的成績。

GREETINGS

June 12, 2018 will mark the 30th anniversary of National Cheng Kung University Hospital. The saying, "30 years of service, remarkable results in medical care; 30 years of service, lifelong care for patients," faithfully illustrates how NCKU Hospital has strived to care for patients with selfless dedication over the past 30 years. Thus, the Hospital's 2018 annual report will not only demonstrate the results achieved by the hard work over the past year, but note the Hospital's 30 years of work.

In terms of medical services, our Sleep Center officially opened in 2017, providing medical treatment and research on diseases related to sleep disorders, including cardiovascular disease and metabolic syndrome. The establishment of the Center has considerably improved access to medical care and check-ups for patients with sleep disorders in Yunlin, Chiaya and Tainan area. Also, it shoulders the responsibility for cultivating medical professionals in Southern Taiwan as well as improving the industry-academia collaboration on sleep-related medicine in Southern Taiwan. We also participated in the "Niche Biotech Medical Industry Counselling and Globalization Program" organized by the Industrial Development Bureau, Ministry of Economic Affairs and Metal Industries Research & Development Centre. For this program, we established a smart physiological monitoring system for "patients with myocardial infarction" in the wards of B zone on the 9th floor. By connecting the system with the cloud, patients can be monitored instantly via the central monitor screen at the nursing station or relevant telecommunications products. The Cancer Center's Head and Neck Cancers Team and Liver Cancer Team have added treatment guidelines for "Oropharyngeal Cancer" and "Intrahepatic Cholangiocarcinoma" respectively. The Childhood Cancer Team has also added the "Malignant Childhood Rhabdomyosarcoma Program." In so doing, the treatment methods adopted within the Hospital are collected, providing doctors with important references when making diagnoses or treating patients.

We recently passed the accreditations of teaching hospitals that served as medical centers in October 2017. As for clinical training, we provide training for doctors and practicing medical personnel. In 2017, we provided all-year-round and short-term training for over 400 PGY residents and domestic/international medical interns. The number of participants from other medical professions reached over 3,000; among those, there were many student interns from abroad.

In 2017, we had over 400 research projects in total, among which we injected 18% more funds into the intra-hospital projects compared to the previous year. In addition, we also won research funding of over 300 million granted by the Ministry of Health and Welfare, Ministry of Science and Technology, and National Health Research Institutes, which was 10% higher than in 2016. In addition, we included 115 new clinical trial projects in 2017, among which 87% were international projects. Furthermore, there are more early phase clinical trials, proving the quality of our clinical trials. With respect to innovation and development, our "Photonic gene scission technology: from molecular toward in vivo multi-scale gene editing" won the 14th "National Innovation Awards: Academic Research Innovation."

The Hospital's volunteer team has more than 700 certified volunteers, who provide excellent services in every corner of the Hospital with the wonderful intention of doing good deeds. They have not only actively assisted the medical staff, but also the patients and families. The team was consecutively awarded as an Excellent Volunteer Team by Tainan City Government and the Ministry of Health and Welfare in 2017.

As members of the NCKU Hospital, we are all willing to cordially contribute to our big family here. At the same time, we will continue to reflect on the past and plan for the future. We will persist in quality health care and spreading love and warmth. Let us uphold "30 years of service, goals fulfilled with steady progress." We aspire to make our hospital the perfect choice when it comes to lifelong care for patients. Moreover, we hope to achieve dazzling results in medical care.

Superintendent Chyun-Yu Yang

沿革 HISTORY

| 時間 | Date | 時事紀要 Event |
|------|-------------------------|---|
| 1981 | 7月3日 3rd July | 奉行政院核准設立醫學院 The Executive Yuan approved the establishment of the School of Medicine. |
| 1985 | 2月15日 15th February | 本校醫學中心(醫學院及教學醫院)動土奠基典禮在建國校區舉行 The groundbreaking ceremony for the Medical Center of the School of Medicine and Teaching Hospital was held at the Chien-Kuo campus. |
| 1985 | 2月25日 25th February | 建築工程動土典禮 The groundbreaking ceremony for construction |
| 1988 | 6月12日 12th June | 本院啟用典禮 Opening ceremony of this Center |
| 1990 | 8月 August | 行政院衛生署醫院暨教學醫院評鑑為「準醫學中心」 Rated as "Would-be Medical Center" for the accreditation of medical centers and teaching hospitals by the Department of Health, Executive Yuan |
| 1993 | 5月11日 11th May | 本院經衛生署、教育部會同辦理81學年度教學醫院評鑑結果為教學醫院 The Department of Health and Ministry of Education's 1992 teaching hospital accreditation rated this Center as a Teaching Hospital. |
| | 5月20日 20th May | 醫護大樓動土興建 Construction of the dormitory building began. |
| | 7月1日 1st July | 本院第一次經衛生署評定為醫學中心 This Center was rated as a Medical Center by the Department of Health for the first time. |
| 1994 | 4月28日 28th April | 本院新成立「器官移植醫療小組」完成首例捐賢移植手術 This Center established the organ transplant medical team; completed the first donated kidney transplant surgery. |
| | 8月3日 3rd August | 本院成立臨床病毒實驗室發展為南台灣濾過性病毒檢驗及研究中心 The Center established the clinical virus lab and became the virus testing and research center for South Taiwan. |
| 1998 | 1月1日 1st January | 衛生署核准本院擴增364床,第1階段先擴設170床 Department of Health approved the 364 bed expansion of this Center. 170 beds were added in the first stage. |
| | 2月10日 10th February | 本院與省立台南醫院建立跨世紀醫療合作 This Center and the provincial Taiman hospital established a cross century medical partnership. |
| | 6月12日 12th June | 本院緣恩安寧病房啟用(南部第1家) The Yuan-En hospice ward was opened (first in the south). |
| 1999 | 6月2日 2nd June | 六二火災本院展現高度復原執行力於8日內恢復全面醫療服務 This Center showed expert recovery abilities by resuming full medical care within 8 days after the 6/2 fires. |
| | 9月23日 23rd September | 本院參與921的賑災活動認養南投縣漁池鄉災區,全力進行醫療救援 This Center participated in rescue efforts after the 9/21 earthquake. The Center adopted the Yuchi Township area of Nantou county; provided medical assistance. |
| | 9月23日 23rd September | 本院由黃朝慶暨劉清泉教授以陽病毒71型感染之醫學研究為本院第1篇榮登於新英格蘭醫學雜誌 Research on Enterovirus 71 infection by Professor Huang Chaoching and Professor Liu Chingchuan of this Center was successfully published in the New England Journal of Medicine . |
| | 11月3日 3rd November | 本院引進全國第一具聲控內視鏡手術機器人「伊索」進行外科手術 This Center introduced the first voice controlled endoscopy robot "AESOP" in the country for surgeries. |
| 2001 | 3月6日 6th March | 本院完成首例肝臟移植 The Center successfully performed the first liver transplant. |
| | 6月12日 12th June | 本院完成首例肺臟移植 The Center successfully performed the first lung transplant. |
| 2003 | 3月 March | SARS風暴本院醫療團隊築構強力防火牆,守住台南地區疫區不受淪陷 During the SARS outbreak, the medical team constructed powerful firewalls to protect the Tainan area from the epidemic. |
| | 9月10日 10th September | 本院遺傳中心揭幕 This Center's Genetic Center was unveiled. |
| | 9月19日 19th September | |
| 2004 | 12月 December | 本院新生兒加護病房「營造優質環境-早產兒發展性照護」榮獲國家生技醫療品質獎競賽金獎 The Neonatal Intensive Care Unit (NICU) won a gold award in the National Biotech Medical Quality Competition for "creating an excellent environment for premature baby development care" |
| 2005 | 2月15日 15th February | 本院腫瘤中心揭幕 The Cancer Center was unveiled. |
| | 3月30日 30th March | 本院正子造影中心揭幕 The PET Center was unveiled. |
| | 7月1日 1st July | 斗六分院開幕 The Douliu branch opened. |
| | 12月14日 14th December | 本院完成第1例心臟移植手術 This Center successfully performed the first heart transplant. |
| | 12月 December | 本院安寧療護團隊「全人照顧的安寧療護」榮獲國家生技醫療品質獎競賽銀獎 The hospice medical team was awarded silver in the National Biotech Medical Quality Competition for "all around hospice care". |
| 2006 | 12月 December | 本院護理部/腫瘤中心「護理角色的拓展-腫瘤個案管理師」榮獲國家生技醫療品質獎競賽銅獎 The Nursing Department/Cancer Center was awarded bronze in the National Biotech Medical Quality Competition for "Expansion of nursing roles - Tumor case manager". |

沿革 HISTORY

| 時間 | Date | 時事紀要 Event |
|------|-------------------------------|--|
| 2007 | 1月26日 26th January | 本院門診大樓動土典禮 Groundbreaking ceremony for the outpatient clinic building |
| | 4月11日 11th April | 國家衛生研究院與成大簽定合約推動南部癌症中心 The National Health Research Institute and National Cheng Kung University signed contracts to promote the south Cancer Center. |
| | 11月9日 9th November | 正式通過財團法人全國認證基金會(TAF)ISO15189醫學實驗室認證 Officially certified by the Taiwan Accreditation Foundation (TAF) for ISO15189 Medical Laboratory Accreditation |
| | 12月20日 22nd December | 本院護理部「用心服務、全面落實-優質的出院準備服務」榮獲國家生技醫療品質獎競賽銅獎 The Nursing Department was awarded bronze in the National Biotech Medical Quality Competition for "Serve Heartedly, Act Totally—Building an Excellent Discharge Planning Service". |
| 2008 | 3月13日 13th March | 本院國家品質獎頒獎(榮獲行政院第18屆國家品質獎) The Center was given the National Quality Award (awarded the 18th annual National Quality Award by the Executive Yuan). |
| 2009 | 12月22日 22nd December | 本院外科部整形外科「優質的斷指再接植團隊」榮獲國家生技醫療品質獎競賽銅獎 The Division of Plastic Surgery was awarded bronze in the National Biotech Medical Quality Competition for "Excellent Digital Replantation Team". BH典體 |
| 2010 | 6月12日 12th June | 馬英九總統蒞臨參加本院22週年院慶暨門診大樓啟用典禮 President Ma, Ying-Jeou attended the 22nd anniversary celebrations and opening ceremony of the out-patient clinic building. |
| | 7月14日 14th July | 衛生署(今衛生福利部)98年度推動醫院緊急醫療能力分級,本院獲評定為重度級 The Department of Health (now the Ministry of Health and Welfare) promoted the ranking of hospitals' ability in relation to medical emergency in 2009. This Center received a high rating. |
| | 12月 December | 本院小兒科「卓越陽病毒團隊:從病毒確認到臨床診治與社會分享」榮獲國家生技醫療品質獎競賽銅獎 The Pediatrics team was awarded bronze in the National Biotech Medical Quality Competition for "Excellent Enterovirus team: From virus confirmation to clinical diagnosis and social sharing |
| 2011 | 2月16日 16th February | 成立台灣第一個國家級的失智症中心 Establishment of the first national level Alzheimer's Dementia Research Center in Taiwan. |
| | 6月22日 ^{22nd} June | 獲頒第三屆「政府服務品質獎」(第一線服務機關) Awarded for the third Government Service Quality Award (First line service organizations) |
| | 12月8日 8th December | 與國家衛生研究院癌症研究所合作之「國立成大醫院及國家衛生研究院-國家癌症中心」揭牌 Partnering with the National Institute of Cancer Research, National Health Research Institutes, the NHRI and NCKU hospital - National Cancer Center was unveiled. |
| | 12月 December | 本院護理部「愛之生 伴我醫程 成大協力愛滋夢幻團隊」榮獲國家生技醫療品質獎競賽銀獎 The nursing department was awarded silver in the National Biotech Medical Quality Competition for "Love for life, with me during my treatment. National Cheng Kung University assisted the AIDS dream team". |
| 2012 | 4月 April | 整合心臟內科、心臟外科、小兒心臟科、放射科及復健科,成立心血管整合照護病房 Combined Cardiology, Cardiovascular Surgery, Pediatric Cardiology, Department of Diagnostic and Rehabilitation Medicine to form the cardiovascular integrated care unit |
| | 12月 December | 本院護理部「營造全方位醫療照護倫理新典範」榮獲國家生技醫療品質獎競賽銅獎 The nursing department was awarded bronze in the National Biotech Medical Quality Competition for "Creating new examples of all around medical care ethics". |
| 2013 | 2月7日 7th February | 兒童重症加護病房重新整建揭幕 The pediatric intensive care units were unveiled after renovation. |
| | 12月 December | 引進最先進的血管攝影機,設立多功能整合型手術室,亞洲最新式,領先日本 Introduction of advanced vascular cameras. Multipurpose integrated operating rooms were constructed, the newest in Asia; even leading Japan. |
| 2014 | 2月19日 19th February | 7C病房命名為耆頤圓病房揭幕(2013年12月完成整建) Room 7C was renamed as ChiYiYuan room (completed in December, 2013). |
| | 12月1日 1st December | 領先國內引進「連續掃描(Flow Motion)」模式的正子電腦斷層掃描儀(PET/CT) Led the country by introducing Positron Emission Tomography (PET/CT) with "flow motion" module. |
| 2015 | 6月28日 28th June | 動員燒傷團隊於八仙塵爆事件隔日起,陸續收治5名傷患 Burn units were mobilized the day after the Formosa fire, taking in 5 different patients. |
| | 11月30日 30th November | 開辦「第一屆司法醫學課程」,課程為期1週 Hosted the "First Judicial Medical Course", with a length of one week. |
| 2016 | 2月6日 6th February | 0206震災・啟動333緊急動員・醫護進駐災區現場 02/06 earthquake, 333 emergency mobilization was activated, and medical personnel were posted to the disaster zones. |
| | 5月13日 13th May | 本院榮獲行政院「第八屆政府服務品質獎」 The Center was awarded the "8th Government Service Quality Award" by the Executive Yuan. |
| | 7月18日 18th July | 本院與肯亞公立醫院Kenyatta National Hospital共同合作,完成肯亞全國第一套醫療檢傷系統架設This Center partnered with the Kenyatta National Hospital to complete the implementation of the first national medical diagnosis system in Kenya. |
| | 12月5日 5th December | 本院「特殊需求者牙科示範中心」正式揭幕 The Special Care Dental Center was unveiled. |
| | 12月 December | 完成「Corevalver physician certification」認證,可以獨立執行Transcatheter Aortic Valve Replacement (TAVR) Completed "Corevalver physician certification", allowing independent execution of Transcatheter Aortic Valve Replacement (TAVR) |
| 2017 | 2月21日 21st February | 睡眠醫學中心揭牌(105年7月設立) The Sleep Medicine Center was unveiled (established in July, 2016). |
| | 10月17日 17th October | 通過醫學中心醫院評鑑(優等)及教學醫院評鑑 Passed the accreditation of medical centers (excellent) and teaching hospitals. |
| | 12月5日 5th December | 成大醫院志工團隊榮獲衛福部全國績優志工團隊獎 The NCKUH volunteer team was granted the "Outstanding Volunteer Group Award" by the Ministry of Health and Welfare. |

亮點 FEATURED STORIES

先天性及結構性心臟病心導管介入治療

Percutaneous Intervention for Congenital and Structural Heart Disease



早產兒「經皮心導管之開放性動脈導管關閉術」新紀錄:478克 New Record of "Percutaneous Intervention for Patent Ductus Arteriosus Closure" on Premature Infants weighting 478e.

本院為達「治療先天性心臟病 - 從胎兒到成人的全人照顧」目標,結合兒童心臟科、成人心臟科、心臟外科、影像科及其他相關科部,於2013年成立先天性及結構性心臟病心導管介入治療小組,是雲嘉南地區目前唯一有能力執行的醫院。

自2014年起,已完成17例介入治療關閉極低體 重早產兒之開放性動脈導管,最低案例體重為478 公克(106年5月9日),刷新世界紀錄。目前全世 界體重最輕的前3名,都在本院接受介入治療。

To achieve the goal of "Providing holistic health care for patients with congenital heart disease: from prenatal period to adulthood", NCKUH integrated Pediatric Cardiology, Adult Cardiology, Cardiovascular Surgery, Radiology and other related divisions to form the Team of Percutaneous Intervention for Congenital and Structural Heart Disease in 2013, currently being the only capable hospital in the Yunlin-Chiayi-Tainan region.

Since 2014, NCKUH has completed 17 cases of intervention closing the patent ductus arteriosus of extremely low birth weight premature infants, with the lowest case weighting only 478 grams on May 9, 2017, leading world records. So far, the world top three lowest weight infants have all undergone the procedure in this hospital.

光學基因剪切技術:分子、細胞及活體之多層次基因編輯應用

Photonic gene scission technology: from molecular toward in vivo multi-scale gene editing



謝達斌教授(右2起至左1)、胡紀如講座教授、蘇五洲教授、蔡宗霖 研究員接受第十四屆國家新創獎頒獎。

Professor Dar-Bin Shieh(2nd from right to extreme left), Chair Professor Jih-Ru Hwu, Professor Wu-Chou Su, and Researcher Tsung-Lin Tsai received the 14th National Innovation Award for "Photonic gene scission technology: from molecular toward in vivo multi-scale gene editing."

本院謝達斌教授、蘇五洲教授、蔡宗霖研究員與清華大學胡紀如講座教授等人組成之團隊,以「光學基因剪切技術:分子、細胞及活體之多層次基因編輯應用」,榮獲第十四屆國家新創獎的榮譽。

精密基因剪切與編輯,是傳染、癌症、遺傳、代謝等許多疾病精準治療的關鍵。本發明以ATLANS做光學基因剪切,組合物包括中心奈米粒子、寡核苷酸鏈及光驅動核酸切割劑,專一性高且永久作用,且基因編輯方法簡易,有機會應用於一般生物實驗室,以及農畜業上轉殖基因動植物,或細胞菌種改良等領域。

The NCKUH team led by Professor Dar-Bin Shieh, Professor Wu-Chou Su, Researcher Tsung-Lin Tsai, and Chair Professor Jih-Ru Hwu of NTHU was awarded the 14th National Innovation Award for "Photonic gene scission technology: from molecular toward in vivo multi-scale gene editing."

Precision gene scission/editing is a key enabling technology toward precession diagnostics and therapeutics of many diseases including infectious diseases, cancer, genetic diseases, metabolic diseases and more. The present invention is an optical gene cleavage technique, called "Artificial Targeted Light-activated Nanoscissor (ATLANS)." The composition comprises optical modulating nanoparticles, sequence recognition polymer, and optical-driven nucleic acid cleavage warhead.

ATLANS is specific, accurate, permanent and innovative, similar to CRISPR function in gene scission. Since ATLANS is easily applicable and modulated by photonic energy, it can be widely used in general biology laboratory, genetic modified crops/animals, cell species improvement, etc.

組織架構 ORGANIZATIONAL STRUCTURE

院長:楊俊佑

Superintendent: Chyun-Yu Yang

副院長 / 沈孟儒

Vice Superintenden Meng-Ru Shen

副院長 */* 吳俊明

Vice Superintendent Jing-Ming Wu

副院長/ 李政昌

Vice Superintendent Jeng-Chang Lee

副院長/ 張智仁

Vice Superintendent Chih-Jen Chang

主任祕書 / 趙庭興

Chief Secretary Ting-Hsing Chao

36個院級委員會

36 hospital committees

28個臨床醫療科部

28 departments of clinical medicine

內科、外科、婦產、小兒、泌尿、眼科、耳鼻喉、骨科、皮膚、精神、神經、麻醉、家庭醫學、復健、病理、口腔醫學、核子醫學、放射線診斷、放射線腫瘤、職業及環境醫學、急診、門診、加護醫療、癌症中心、遺傳中心、感染管制中心、臨床醫學研究中心、臨床試驗中心

Internal Medicine, Surgery, Obstetrics and Gynecology, Pediatrics, Urology, Ophthalmology, Otolaryngology, Orthopedics, Dermatology, Psychiatry, Neurology, Anesthesiology, Family Medicine, Physical Medicine and Rehabilitation, Pathology, Stomatology, Nuclear Medicine, Diagnostic Radiology, Oncology and Radiology, Occupational and Environmental Medicine, Emergency Medicine, Outpatient Services, Intensive Care, Cancer Center, Genetics Center, Center for Infection Control, Clinical Medicine Research Center, Clinical Trial Center

3個醫療 相關科部

3 departments of allied health

護理、藥劑、營養 Nursing, Pharmacy, Nutrition 18個 行政單位

7個任務編組中心

7 task force center

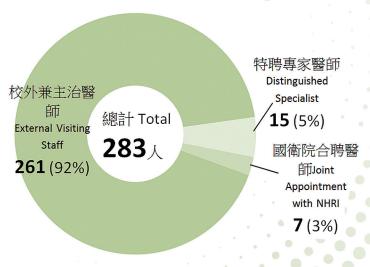
創新醫療科技中心、失智症中心、糖尿病中心、健康管理中心、國際醫療中心、物理治療中心、時期緊圍中心

、物理治療中心、睡眠醫學中心 Innovation Center of Medical Devices and Technology, Alzheimer's Dementia Research Center, Diabetes Prevention & Treatment Center Health Management Center, International Medical Center, Physical Therapy Center, Sleep Medicine Center

員工數 Full-time staff

住院醫師 Resident 護理人員 Nurse **321** (7%) **2,100** (44%) 主治醫師 Visiting Staff 總計 Total 422 (9%) 4,706 技工、工友、 醫事人員 行政人員 駐警 Mechanic, Medical Technician Janitor, Security Administrative Staff **511** (11%) Guard 1,164 (25%) **188** (4%)

兼任主治醫師 Part-time visiting staff



#資料日期: 2017年12月31日 Date: As of December 31, 2017

| 內科部 | Dept. of Internal Medicine 一般內科 Deviation of General Medicine Manager Apple Deviation of General Medicine Manager Apple Deviation of General Medicine 周陽肝膽科 Deviation of General Medicine 同一次配位面管科 Deviation of General Medicine 內分泌新陳代謝科 Deviation of Internation of Medicine 國染病科 Deviation of Internation 一次配音和 Deviation of Internation 一次配音和 Deviation of Republication Deviation of Republication When the Medicine Deviation of Republication Deviation of Republication When the Medicine Deviation of Republication Deviation of Republication When the Medicine Deviation of Republication Deviation of Republication When the Medicine Deviation of Republication Deviation of Generalication Deviation of General Medicine Deviation of General M | 部主任 Director 禁五州 以以UCHOU 科主任 Chief |
|--|---|--|
| 外科部 | Dept. of Surgery — 般外科 Deviate of General Surgery 胸腔外科 Deviate of Thunder Surgery 小鼠像型型型型型型型型型型型型型型型型型型型型型型型型型型型型型型型型型型型 | ### Parcelar Parce |
| 婦產部 | Dept. of Obstetrics and Gynecology 婦女腫瘤科 Deviant of Gynecology Greatery 中體胎兒醫學科 Deviant of Marchal Feel Medicar 生殖內分泌科 Deviant of President Genetics - 般媒產科 Deviant of Gynecology English Deviant of President Genetics - 般婦產科 Deviant of Genetic Genetics - 般婦產科 Deviant of Genetic Genetic Gynecology Resident Genetics - 般婦產科 Deviant of Genetic Gircuit | 部主任 Director 吳孟興 WUMENG HEING 科主任 Chief |
| 小兒部 | Dept. of Pediatrics 一般小兒科 Deviation of General Pediatrics 小兒神經科 Deviation of Pediatric Neurology 小兒感染科 Deviation of Pediatric Infection 小兒血液腫瘤科 Deviation of Pediatric Infection 小兒心臟科 Deviation of Pediatric Contrology 小兒腎臟科 Deviation of Pediatric Neptrology 小兒腎臟科 Deviation of Pediatric Neptrology 小兒內疫科 Deviation of Pediatric Infection 小兒胸腔科 Deviation of Pediatric Information 小兒腸胃科 Deviation of Pediatric Information | 部主任 Director 楊耀榮 YANG, YAO-JONG 科主任 Chief 工功能 WANG, JEEL PENNO 科主任 Chief 劉清泉 LIUCEING-CHUAN 科主任 Chief 吳俊明 WULLING JAING 科主任 Chief JUCK YANG 林 |
| Det of Committee Det of Summittee | 学 学 dictine Relatibilitation 學 部 | 部主任 Director 株 永明 LN YUNG MING MING TO SEE BILL SHANG MING MING MING MING MING MING MING MI |

| 病理部 Dept. of Pathology | 部主任 Director | 張孔昭 CHANG,KUNG-CHAO |
|--|-----------------|--------------------------|
| 急診部 Dept. of Emergency Medicine | 部主任 Director | 莊佳璋 CHUANG,CHIA-CHANG |
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| 放射線腫瘤部 Dept. of Oncology and Radiology | 部主任 Director | 吳沅樺 WU,YUAN-HUA |
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| 門診部 Dept. of Outpatient Services | 部主任Director | 盧豐華 |
| 臨床醫學研究中心 | 中心主任 Director | 沈延盛 |
| 遺傳中心 Genetics Center | 中心主任 Director | 吳俊明 WINNE |
| 癌症中心 Sancer Center | 中心主任 Director | 蔡森田 TSALSEN-TIEN |
| 感染管制中心 Center for Infection Control | 中心主任 Director | 柯文謙 |
| 健康管理中心 Health Management Center | 中心主任 Director | 吳晉祥 WUJIN-SHANG |
| 國際醫療中心 International Medical Center | 中心主任 Director | 許以霖 |
| 創新醫療科技中心 Innovation Center of Medical Device and Technology | 中心主任 Director | 林宙晴 |
| 失智症中心 Alzheimer's Dementia Research Center | 召集人 Chairperson | 白明奇 |
| 中風中心 | 召集人 Chairperson | 陳志弘 |
| 臨床試驗中心 Since Trial Course | 中心主任 Director | 柯文謙 |
| 睡眠醫學中心 Steen Medicine Center | 中心主任 Director | 林政佑 |
| 物理治療中心 | 中心主任 Director | 楊政峯 |
| Physical Therapy Center | | IANG,JENG-PENG |

| 醫療相關科部 Medical Related Divisions | | |
|-------------------------------------|--------------|-----|
| 護理部 Dept. of Nursing | 部主任 Director | 張瑩如 |
| 藥劑部 Deat of Pharmacy | 部主任 Director | 葉鳳英 |
| 營養部 Dept of Nutritional Services | 部主任 Director | 郭素娥 |

行政單位 Administrative Units

臨床醫療科部 Divisions of Clinical Medicine

| 4 | 1 rammsutatve emis | | |
|---|---|---------------|--------------------------|
| | 秘書室 Dept. of Secretariat | 室主任 Director | 陳鵬升 CHEN,PHENG-SHSENG |
| | 公共事務室 Dept. of Public Affairs | 室主任 Director | 洪崇傑 HUNG,CHUNG.JYE |
| | 法制室 Dept. of Legal Affairs | 室主任 Director | 許夙君 |
| | 人事室 Dept. of Personnel | 室主任 Director | 陳碧珍 CHEN, PI-CHEN |
| | 主計室 Dept. of Accounting | 室主任 Director | 黃月惠 Huang,Yuch-Hui |
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| | 品質中心 Quality Center | 中心主任 Director | 賴吾為 |
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| | 資訊室 Dept. of Medical Informatics | 室主任 Director | 王士豪 WANG, SHIIH-HAO |
| | 資材供應室 Dept. of Material Supply | 室主任 Director | 陳水旺 CHEN,SHUI-WANG |
| | 總務室 Dept. of General Business | 室主任 Director | 陳水旺 YEH, PHENG-YING |
| | 教材室 Dept. of Audiovisuals | 室主任 Director | 許耿福 HSU,KENG-FU |
| | 勞工安全衛生室 Dept of Labor Safety and Health | 室主任 Director | 馬先芝 |
| | 在上出 Dept. of Social Work | 部主任 Director | 許夙君 |
| | 醫療事務室 Dept. of Medical Affairs | 室主任 Director | 李麗娟 |
| | 受試者保護中心 Human Research Protection Center | 中心主任 Director | 林志勝 LIN,THY-SHENG |



#資料日期: 2018年2月1日 / Date: As of February 1, 2018

病床數 Number of beds

| | 一般病床 | 下數 General beds | I | 特殊病床 Special beds | | 占床率 | 平均住院日數 |
|---|------------------------------|----------------------------------|----|-----------------------------|---------------------|----------------|------------------------|
| | 急性一般病床 Acute General Beds | 急性精神病床 Acute Psychiatric Beds | | 加護病床 Intensive Care Beds | 其他特殊病床 [※] | Occupancy Rate | Average length of stay |
| (| 916 | 30 |)(| 126 | 270 | 89.76% | 7.12日 |

※ 其他特殊病床:燒傷病床、隔離病床、骨髓移植、精神加護、燒傷加護、血液透析、嬰兒床、嬰兒病床、安寧病床、 急診觀察床、手術恢復床、亞急性呼吸照護病床。

Others include: Burn Care Beds, Isolation Beds, Bone Marrow Transplantation Beds, Psychiatric Intensive Care Beds, Burn Intensive Care Beds, Hemodialysis Beds, Nursery Beds, Infant Care Beds, Palliative Care Beds, Emergency Observational Bed, Surgery Recovery Beds, Subacute Respiratory Care Beds.

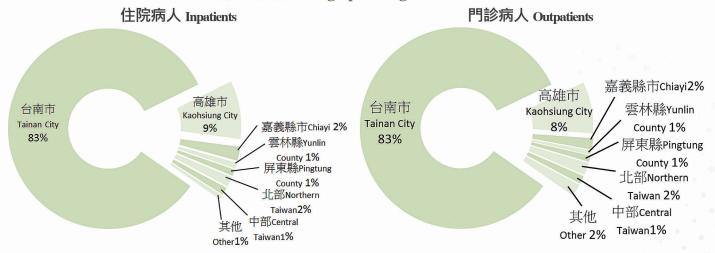
服務量 Service volume

| | 住院 Inpatie | ent | I | 門診 | Outpatient | | 急診 🗈 | Cmergency patient |
|------------------------------|----------------------|-----------------------------------|----|---------------------------|--|----|--------------------------|-------------------------------|
| 住院人次 Number of Inpatients | 住院人日 Days of Stay | 日平均人次 Average Daily Inpatients | I | 門診人次 Outpatient visits | 日平均人次 [※] Average Daily visits | | 急診人次 Emergency visits | 日平均人次 Average Daily visits |
| 55,130 | 394,156 | 151 |)(| 1,501,645 | 5,451 |)(| 99,306 | 272 |

※2017年開診日為275.5日。 / #依據「衛生福利部年度醫療機構服務量調查表」定義。

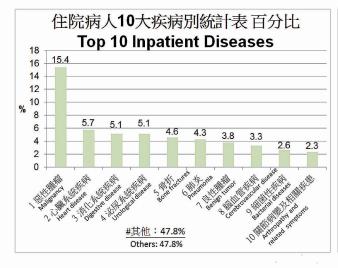
Total opening days in 2017: 275.5 days / Defined by the Ministry of Health and Welfare "Annual Survey of Service Volume in medical institutions"

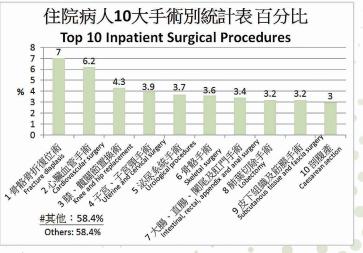
病人來源 Geographic Origins of Patients

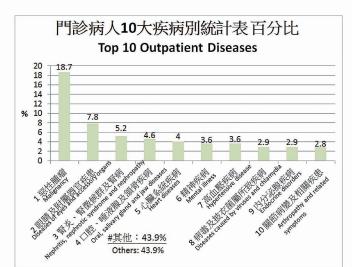


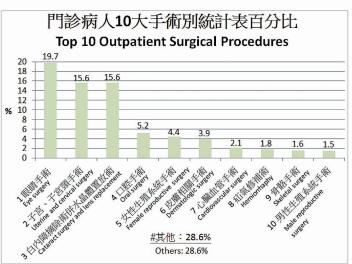
#北部包含北北基及桃竹苗地區;中部包含中彰投地區;其他包含宜花東地區、外島及外籍病患。 Northern Taiwan includes Taipei, New Taipei, Keelung, Taoyuan, Hsinchu, and Miaoli. Central Taiwan includes Taichung, Changhua, and Nantou. Others include Yilan, Hualien, Taitung, Penghu, Lienchiang, Kimmen, and international patients.

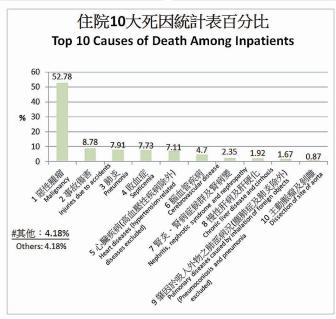
十大統計 Top 10 Statistics



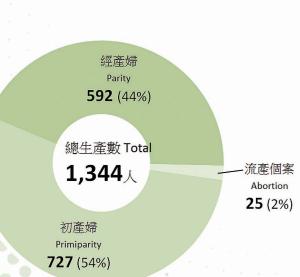


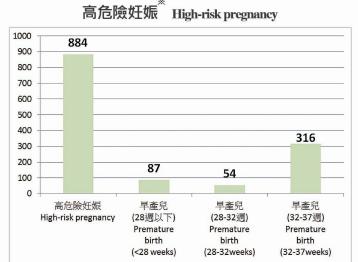






分娩數 Number of deliveries





※高危險妊娠:依「緊急醫療評鑑」定義。 High-risk pregnancy: defined by "Emergency Medical Services Evaluation"

急診 門診 Emergency 5,067 (14%) 13,635 總人次 Total (37%) 36,691人 住院 Inpatient

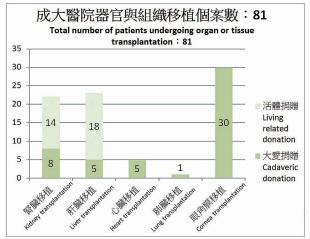
17,989 (49%)

2017統計資料 2017 STATISTICS

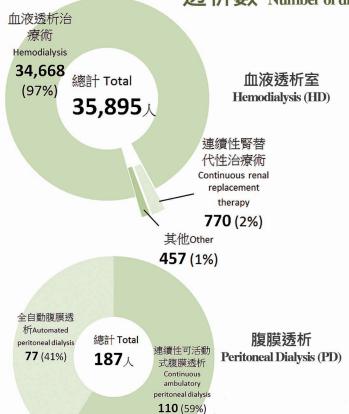
手術數 Number of surgical procedures

| 科別 By Specialty | 人次 Number |
|---|--------------------|
| 眼科部 Ophthalmology | 5,877 |
| 一般外科 General Surgery | 5,871 |
| 骨科部 Orthopedics | 4,495 |
| 泌尿部 Urology | 3,654 |
| 婦產部 Obstetrics and Gynecology | 3,429 |
| 耳鼻喉部 Otolaryngology | 3,296 |
| 整型外科 Plastic and Reconstructive Surgery | 3,221 |
| 胸腔外科 Thoracic Surgery | 2,466 |
| 心血管外科 Cardiovascular Sur | rgery 1,819 |
| 神經外科 Neurosurgery | 1,225 |
| 口醫部 Stomatology | 577 |
| 小兒外科 Pediatric Surgery | 484 |
| 麻西辛苦 Anesthesiology | 157 |
| 其他 Other | 120 |
| 總人次 _{Total} | 36,691 |





透析數 Number of dialysis



| 其他治療項目 Other treatments | 人次 Number |
|---|--------------|
| 雙重過濾血漿分離治療術 Double filtration plasmapheresis | 433 |
| 血漿灌洗治療術 Hemoperfusion | 2 |
| 血液透析過濾治療術 Hemodiafiltration | 7 |
| 透析導管置入術 Insertion of hemodialysis catheter | 15 |

放射線治療 Radiotherapies

| 治療項目 Treatment | 人數 Number |
|-----------------------------------|-----------|
| 模型製作 Mould Manipulation | 2,022 |
| 電腦斷層模擬定位 CT-simulation | 2,342 |
| 直線加速器 Linear Accelerator | 39,731 |
| 特色治療 Featured treatment | 人數 Number |
| 侵入性近接治療 Invasive Brachytherapy | 346 |
| 蟹足腫特殊治療 Keloid Brachytherapy | 6 |

化學治療 Chemotherapies



| 特色檢查 Featured examination | 人次 Number |
|-------------------------------------|-----------|
| 骨髓檢查 Bone marrow Interpretation | 1,085 |
| 骨髓切片檢查 Bone marrow biopsy | 880 |
| 骨髓移植 Bone marrow transplantation | 36 |

檢驗數 Number of laboratory tests

| 分類 Classification | 檢驗項次數 Number |
|---|--------------|
| 外科病理組織及細胞病理檢驗 Surgical pathology and Cytopathological Test | 87,201 |
| 臨床病理檢驗 [※] Clinical Pathology Tests | 4,951,553 |
| 癌症及基因分子診斷檢驗 Cancer and Genetic Diagnostic testing | 2,402 |
| 總項次量 Total | 5,041,156 |

※臨床病理檢驗包含:生化檢驗、重金屬、濫用藥物及藥物血中濃度、血液學檢驗、血清免疫檢驗、血庫檢驗、 病毒檢驗、細菌檢驗、臨床鏡檢、組織相容抗原與抗體檢驗。

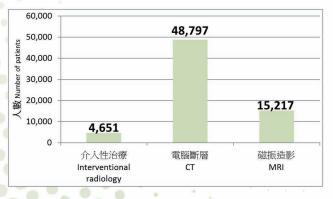
Clinical Pathology Tests include: Biochemistry, Heavy metals testing, Therapeutic drug monitoring, Hematology, Sero-Immunology, Blood bank testing, Virology, Bacteriology, Clinical Microscopy, Histocompatibility antigen and antibody testing.

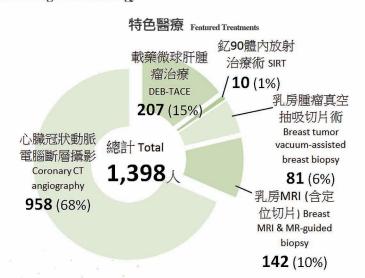
檢查數 Number of examinations

放診部 Department of Diagnostic Radiology

臨床醫療檢查及治療總人數:494.586人(含特色醫療)

Total number of patients undergoing clinical examinations: 494,586 (including Featured Treatments)





神經科 Department of Neurology

周邊神經 4,758 (28%) 總檢查量 Total 16,767 神經血管 Neurovascular 3,000 (18%) 認规/中樞 EEG/EP 4,438 (27%)

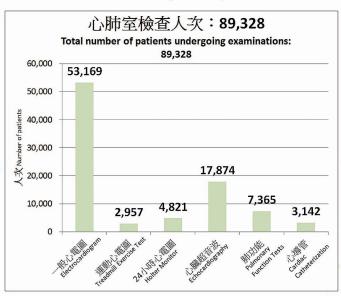
核醫部 Department of Nuclear Medicine

| 檢查項目 _{Examination} | 件數 Number |
|---|-----------|
| 傳統核子醫學影像檢查 Conventional Nuclear Medicine Imaging | 13,135 |
| 多巴胺轉運體掃描 Dopamine Transporter Scan | (290) |
| 正子造影掃描 | 1,196 |
| 放射免疫分析檢驗 Radioimmunoassay | 191,190 |
| 總數 Total | 205,521 |

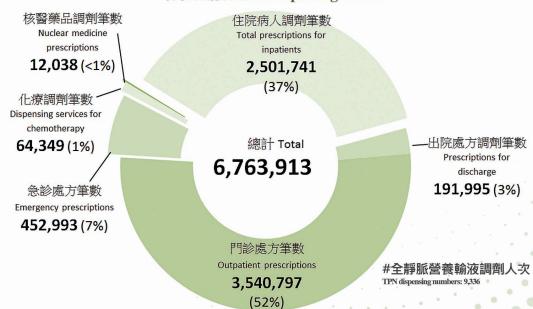
內視鏡室 Endoscopy Room

上消化道鏡術總量 (含治療)Upper Gastrointestinal Endoscopy (including treatment) 檢查超音波術 12,788 (50%) 終量 Total Ultrasound Examination 3,357 (13%) 25,613 侵入性超音波術※ Invasive Ultrasound 下消化道鏡術總量 (含治療)Lower 905 (4%) Gastrointestinal Endoscopy (including 膽道鏡術 treatment) Choledochoscope 7,672 (30%) 891 (3%) ※含肝腫瘤射頻燒灼術353人。 Including 353 patients taking Radiofrequency Tumor Ablation treatments

心肺室 Cardiopulmonary Room



調劑服務量 Dispensing service



1,498 (67%)

2017統計資料 2017 STATISTICS

特定病人藥事照護與用藥指導

Pharmacy counseling and education for specific patients



臨床藥事服務

Clinical pharmacy service

| Chinesi pristrintey service | | | |
|--|----------------------|--|--|
| 項目 _{Item} | 數目 _{Number} | | |
| 藥物血中濃度監測服務 Therapeutic Drug Monitoring (TDM) | | | |
| 監測藥物項目 Items | 17 | | |
| 監測評估件數 Pharmacist evaluations for TDM | 2,979 | | |
| 一般臨床藥事服務 Clinical pharmacy service and counseling | 6,359 | | |
| 藥品不良反應評估 Adverse drug reactions evaluation | 522 | | |
| 臨床試驗藥品管理 Investigational pharmacy management | 333 | | |

營養部供餐數

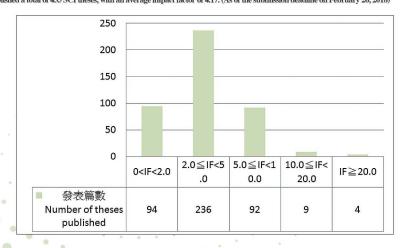
Department of Nutritional Services and number of meals served



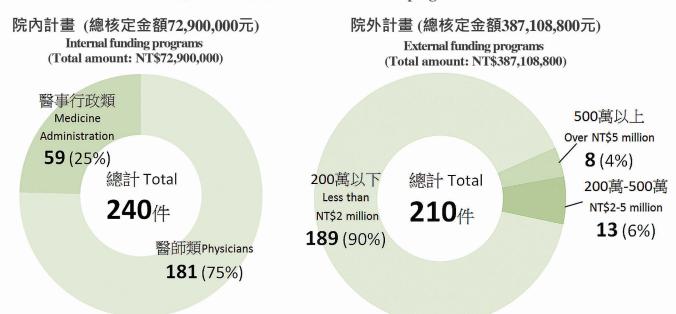
研究論文數

Number of SCI theses

全院共發表SCI期刊論文435篇,Impact Factor平均值為4.17。(2018年2月26日截稿前統計)
The NCKU Hospital published a total of 435 SCI theses, with an average impact factor of 4.17. (As of the submission deadline on February 26, 2018)

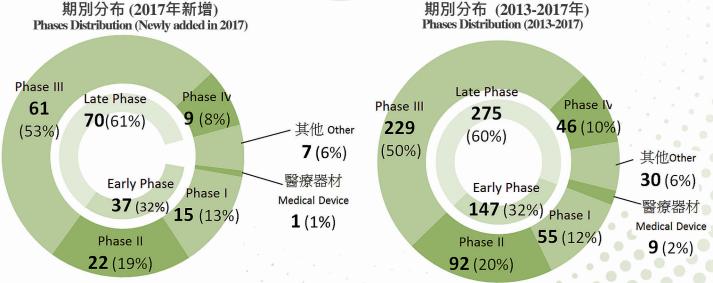


研究計畫數 Number of research programs



臨床試驗數 Number of clinical trials





創新研發成果 Achievements of innovative research and development

國家新創獎獲獎團隊 National Innovation Award

得獎項目

團隊

創新研發計畫或研究主題名稱

第十四屆國家新創獎-學研新創獎(生技製藥 及新醫療技術組)

Certificate of the 14th National Innovati Academic Research Innovation Award (Pharmaceutics and New Medical Tech

謝達斌、蘇五洲、 胡紀如、蔡宗霖

Dar-Bin Shieh, Wu-Chou Su, Jih-Ru Hwu, Tsung-Lin Tsai

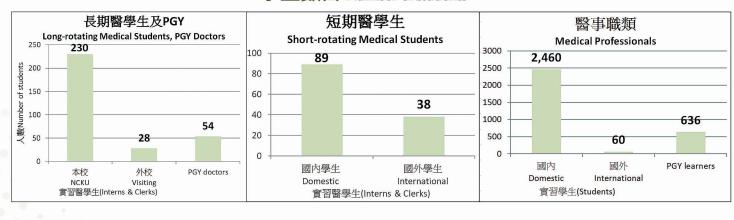
光學基因剪切技術:分子、細胞及活體之 多層次基因編輯應用

Photonic gene scission technology: from molecular toward in vivo multi-scale gene

專利 Patents

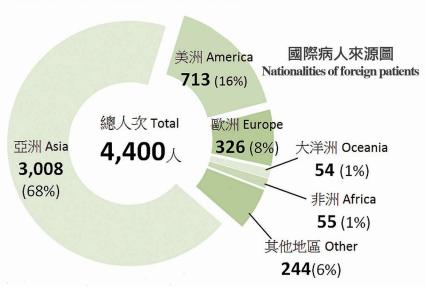
| 專利別 Types of Patents | 專利件數 Patents | 技轉件數 Technology Transfer |
|-------------------------|-----------------|-----------------------------|
| 國內專利 Domestic | 11 | 3 |
| 國外專利 Foreign | 4 | - |

學生數目 Number of students



國際醫療合作 International Medical Collaboration

| 項目 _{Item} | 數目 _{Number} |
|--|----------------------|
| 援外醫療活動次數 Foreign Medical Aid Activities | 4次 |
| 援外人力 Number of staffs involved | 15人 |
| 服務人數 Number of patients served | 1,892人 |
| 援外國家數 Number of countries served | 2個 |



社會責任 Social Responsibilities

| 藝文及健康促進活動 Artistic and Health Promotion Activities | 場次 Events |
|--|-----------|
| 藝文活動 [※] | 184 |
| 健康促進活動(含社區) Health Promotion Activities (including community activities) | 852 |
| 病友團體 ^{※※} Patient Groups | 55 |

| 社區醫療群共同照護網絡 Community Healthcare Group Shared Care Network | 場次 Times | 人數 Persons |
|---|-------------|---------------|
| 社區團體衛教 Community health education | 17 | 896 |
| 共同門診 Shared Care Clinic | 45 | 666 |

| 供餐服務 Meal Service | 人次 Persons |
|--|------------|
| 龍崎區「福祿食堂」 Longci District "Fu-Lu Canteen" | 7,511 |
| 獨居老人供餐及送餐活動 Meal delivery service for solitary elders | 6,498 |

| 將軍區玉山里及廣山里巡迴醫療 Mobile health care in Yushan and Guangshan Village, Jiangjun District | 場次 Times | 人數 Persons |
|---|-------------|---------------|
| 衛教活動 Health education | 9 | 175 |
| 門診 Outpatient clinic | 47 | 887 |

※藝文活動:門診鋼琴演奏、藝文展演、藝術櫥窗。

Artistic Events include: piano performance in the outpatient building, art exhibitions, and art window

※※病友團體:健康100同學會、居家病友支持團體、 母乳支持團體-泉乳俱樂部、BC肝炎病友會、氣喘病友會、飛揚俱樂部、 肺高壓病友會、心衰竭病友會、慢性腎臟病病友會、成愛家族、失智症、早產兒病友會等。

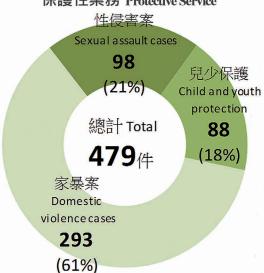
Patient Groups include: Always Healthy Club, Homecare Patient with Caregiver Support Groups, Breastfeeding Support Group, The NCKUH Hepatitis Alliance, Patient Alliance of Asthma, Smile Flying Club, Pulmonary Hypertension Patient Groups, Heart Failure Support Group, NCKUH kidney Patients' Association, Donors' Family Club, Alzheimer's Dementia Research Center (ADRC), NICU Parents Support Group,

器官捐贈與安寧緩和照護 **Organ donations and Hospice Care**

| 器官捐贈 Organ donations | 人數 Persons | 場次 Sessions |
|---|------------|-------------|
| 器捐宣導 Propaganda | 3,757 | 27 |
| 器捐勸募成功案例 Successful case | 30 | - |
| 器捐健保卡註記 National Health Insurance IC card annotation | 856 | - |

| 安寧緩和照護 Hospice Care | 人數 Persons | 場次 Sessions |
|---|------------|------------------------------|
| 安寧緩和醫療宣導 Propaganda | 3,891 | 12 (大型 Large-scale event) |
| 安寧緩和醫療健保卡註記 National Health Insurance IC card annotation | 3,021 | |

保護性業務 Protective Service



0

營運狀況 Operation Status

千元 In thousand dollars

| 收入 Revenue 1 | 1,794,269 | 成本與費用 Cost and expenditure | 11,603,650 |
|--|------------|--|------------|
| 醫療收入 Medical revenue | 10,921,963 | 醫療成本 Medical cost | 9,500,544 |
| 臨床教學研究補助收入 Clinical teaching and research grants | 262,759 | 教學成本 Teaching cost | 1,056,972 |
| 其他政府補助收入 Other government grants | 40,287 | 研究成本 Research cost | 257,988 |
| 新藥臨床試驗收入 Revenue from clinical trials of new medicines | 81,509 | 新藥臨床試驗費用 Cost for clinical trials of new medicines | 81,509 |
| 受託事業收入 [※] Entrusted business income | 19,489 | 受託事業費用 ^{※※} Entrusted business expenditures | 10,721 |
| 財務收入 Financial Income | 49,311 | 管理及總務費用 Management and general affairs expenditures | 640,529 |
| 資產使用及權利金收入 Asset use and royalty income | 57,425 | 財產報廢短絀 Property scrapping deficits | 21,405 |
| 受贈收入 Income from donations | 24,280 | 其他雜項費用 Miscellaneous expenditures | 33,983 |
| 其他雜項收入 Miscellaneous income | 337,246 | 本期損益 Current profit and loss | 190,619 |

※受託事業收入:醫療合作研究發展收入、代訓醫師收入、學生實習收入、短期訓練班收入、其他雜項業務收入、病歷查詢

收入及臨床技能測驗收入等。 Entrusted business income: medical cooperation R&D income, doctor training income, student training income, short-term training income, miscellaneous income, medical record inquiry income, clinical skill testing income, etc.

※※受託事業費用:包含為強化醫療合作及研究以協助地區醫療單位發展,並辦理各類醫事人員之見實習及代訓等業務所需

ed business expenditure: Includes strengthening medical cooperation and research to enhance the development of regional medical care units, and expenditures required for the implementation of training and internships of various medical personnel.

建物配置與樓層介紹 BUILDING LAYOUT & FLOOR MAP



門診大樓樓層資訊 OUTPATIENT BUILDING FLOOR PLAN INFORMATION

Floor

學術、研究單位及實驗室 Academic institute and laboratory

工業衛生學科暨環境醫學研究所 | 公共衛生研究所 | 職業及環境醫學科 | 生物統計諮詢中心 | 健康資料加值應用研究中心

- 8 DEPT. OF ENVIRONMENTAL OCCUPATIONAL HEALTH | DEPT. OF PUBLIC HEALTH | DEPT. OF OCCUPATIONAL AND ENVIRONMENTAL MEDICINE | BIOSTATISTICS CONSULTING CENTER | NCKU RESEARCH CENTER FOR HEALTH DATA
- 臨床醫學研究中心 | 臨床醫學研究所 | 口腔醫學研究所

RESEARCH CENTER OF CLINICAL MEDICINE | GRADUATE INSTITUTE OF CLINICAL MEDICINE | INSTITUTE OF ORAL MEDICINE

分子生物實驗室 | 光學影像核心實驗室 | 前瞻醫療器材科技中心 | 創新醫療科技中心分子腫瘤生物實驗室 | 奈米醫學創新研發實驗室 | 藥物研發核心實驗室 | 骨骼醫材及生物相容性核心實驗室 | 人體生物資料庫 | 人體研究倫理審查委員會 | 受試者保護中心 | 臨床試驗中心

MOLECULAR BIOLOGY LABORATORY | OPTIC - IMAGE CORE LAB | MEDICAL DEVICE INNOVATION CENTER | INNOVATION CENTER OF MEDICAL DEVICES AND TECHNOLOGY LABORATORY OF MOLECULAR BIOLOGY | LABORATORY OF MEDICAL INNOVATIONS DE NANO INSPIRATION | DRUG DEVELOPMENT CORE LAB | SKELETON MATERIALS AND BIO-COMPATIBILITY CORE LAB | HUMAM BIOBANK | IRB | HUMAN RESEARCH PROTECTION CENTER | CLINICAL TRIAL CENTER

樓層

4

門診

相關診療設施 **Facility**

其他

癌症多專科整合性門診|

癌症資源服務中心 |

癌症臨床實驗區 | 臨床試驗門診 MULTIDISCIPLINARY CANCER OUTPATIENT SERVICES | CANCER RESOURCE SERVICE CENTER | ONCOLOGY CLINICAL TRIAL AREA | CLINICAL TRIAL OPD

癌症中心 | 成人化療區 | 兒童化療區 | 化療領藥處

CANCER CENTER OFFICE | ADULT CHEMOTHERAPY | CHILDREN CHEMOTHERAPY | PHARMACY

中藥臨床試驗中心 | 微生物診斷與抗藥性核心實驗室 | 生活品質訪談室 | 癌症登記室

CLINICAL TRIAL CENTER FOR CHINESE MEDICINE | DIGNOSTIC MICROBIOLOGY AND ANTIMICROBIAL RESISTANCE LABORATORY | QUALITY OF LIFE COUNSELING OFFICE | CANCER REGISTRY OFFICE

院長室 | 品質中心 | 秘書室 | 主計室 | 護理部 | 教學中心 | 遺傳中心 | 人事室 | 總務室 | 勞安室 | 法制室 | 電腦中心

SUPERINTENDENT OFFICE (QUALITY CENTER | DEPT. OF SECRETARIAT | DEPT. OF ACCOUNTING | DEPT. OF NURSING | EDUCATION CENTER | GENERIC CENTER | DEPT. OF PERSONNEL | DEPT. OF GENERAL BUSINESS | DEPT. OF LABOR SAFETY AND HEALTH | DEPT. OF LEGAL AFFAIRS | INFORMATION CENTER

口腔醫學部 | 皮膚科 | 耳鼻喉科 |

遺傳中心 | 成杏門診 | 門診部

STOMATOLOGY | DERMATOLOGY |
OTOLARYNGOLOGY | GENETIC CENTER |
CHENG HSING CLINIC |
OUTPATIENT DEPARTMENT

植牙中心 | 雷射美容中心 | 助聽器選配室

DENTAL IMPLANT CENTER | COSMETICLASER TREATMENT CENTER | COSMETIC LASERTREATMENT CENTER

健康教育中心 HEALTH EDUCATION CENTER

神經科 | 外科 | 內科 | 家庭醫學科 | 眼科 | 小兒科 | 健兒門診 | 婦產科

NEUROLOGY | SURGERY | INTERNAL MEDICINE | FAMILY MEDICINE | PHOLICINE | PAMILY MEDICINE | OPHTHALMOLOGY MOLOGY | HEALTH EXAMINATION | ULTRASOUND ROOM | CARDIOPULMONARY ROOM | PEDIATRICS | WELL BABY CLINIC | OBSTETRICS AND GYNEOLOGY

門診健康檢查 | 門診超音波檢查室 | 心肺室

天橋 | 癌症篩檢諮詢服務站 | 哺乳室 | 兒童遊戲室

SKY BRIDGE | CANCER SCREENING ADVISORY SERVICE STATION | BREASTFEEDING ROOM | CHILDRENS PLAYROOM

內科 | 骨科 | 職醫科 | 疼痛科 | 泌尿科

INTERNAL MEDICINE | ORTHOPEDICS | OCCUPATIONAL MEDICINE | PAIN CLINIC | UROLOGY

服務台 | 門診掛號批價 | 藥劑部(藥局) | 轉介中心 | 門診治療室 X光室 | 抽血櫃檯

INFORMATION COUNTER | OPD REGISTRATION AND CASHIER | PHARMACY | REFERRAL CENTER | OUTPATIENT TREATMENT ROOM | X-RAY ROOM | BLOOD COLLECTION COUNTER

癌症篩檢諮詢服務站 | 警衛室 | 成醫健康市集

CANCER SCREENING ADVISORY SERVICE STATION | SECURITY ROOM | NCKU-MARKET

物理治療中心 PHYSICAL THERAPY CENTER

停車場

PARKING LOT

停車場

PARKING LOT

B1

B3 / B2

住院大樓樓層資訊 INPATIENT BUILDING FLOOR PLAN INFORMATION 病房 Ward 其他設施 樓區 Floor Other 感染科 | 精神科 | 急診後送病房 12 INFECTIOUS DISEASES | PSYCHIATRY | EMERGENCY HOLDING WARD 內科超音波室 | 健康管理中心 | 睡眠醫學中心 | 國際醫療中心 般內科 | 化學治療 | 風濕免疫科 11 INTERNAL MEDICINE ECHO ROOM | HEALTH MANAGEMENT CENTER | SLEEP MEDICINE GENERAL MEDICINE | CHEMOTHERAPY | RHEUMATOLOGY CENTER | INTERNATIONAL MEDICAL CENTER 新陳代謝及胸腔內科 | 血液腫瘤科 | 安寧 METABOLISM | CHEST MEDICINE | HEMATOLOGY AND ONCOLOGY | HOSPICE 神經科前庭功能檢查室 VESTIBULAR AND OCULOMOTOR LAB 10 腎臟科 | 心臟血管病房 | 綜合科 第二血液透析室 | 神經心理檢查室 | 佛堂 NEPHROLOGY | CARDIOVASCULAR | NON-SPECIFIC SECOND HEMODIALYSIS ROOM | ROOM FOR NEUROPSYCHOLOGICAL TEST | BUDDHIST PRAYER ROOM 整型外科 | 一般外科 | 神經及一般外科 PLASTIC SURGERY | GENERAL SURGERY | NEUROSURGERY 骨科 | 泌尿 | 胸腔外科 | 口腔外科 | 老年 | 復健科 ORTHOPAEDICS | UROLOGY | THORACIC SURGERY | ORAL SURGERY | GERIATRICS | REHABILITATION 眼科 | 皮膚科 | 耳鼻喉科 | 肝膽胃腸內外科 OPHTHALMOLOGY | DERMATOLOGY | OTOLARYNGOLOGY | GASTROENTEROLOGY | GENERAL SURGERY 內科超音波室 | 消化器多功能生理檢查器 INTERNAL MEDICINE ECHO ROOM | MULTI-DISCIPLINARY GIPHYSIOLOGY LAB 神經內科 | 骨科 失智症中心 | 中風中心 NEUROLOGY | ORTHOPAEDICS ALZHEIMER'S DISEASE CENTER | STROKE CENTER 相關診療設施 樓層 病房 其他設施 Ward **Facility** Floor 婦產科 | 小兒科 | 母嬰親善中心 | 產房 | 嬰兒室 | 嬰兒病房 | 周產期產檢中心 | 生殖醫學中心 | 試管嬰兒諮詢室 | 兒童重症照護中心 | 婦產部超音波室 | 小兒腦波室 | 小兒超音波室 新生兒加護病房 | 兒童加護病房 | 新生兒暨周產期科學研究中心 | 空中花園 MATERNAL & FETAL MEDICINE CENTER | ASSISTED REPRODUCTIVE TECHNOLOGY CENTER | IVF CONSULTATION ROOM | OBSTETRICS & GYNECOLOGY ULTRASOUND ROOM | PEDIATRIC EEG ROOM | PEDIATRIC ULTRASOUND ROOM OBSTETRICS AND GYNECOLOGY NEONATAL AND PERINATAL RESEARCH CENTER | GARDEN OBSTELIKES AND GYNELULOGY |
PEDIATRICS | BABY FRIEDROLY CENTER |
DELIVERY ROOM | BABY ROOM | BABY WARD |
PEDIATRIC CRITICAL CARE CENTER |
NEONATAL INTENSIVE CAREUNIT |
PEDIATRIC INTENSIVE CAREUNIT | 高壓氧治療中心 | 骨髓移植中心 | 燒傷中心 | 恢復室 | 手術室

外科加護病房 | 呼吸加護病房 | 心臟加護病房

MEDICAL INTENSIVE CAREUNIT | SUBACUTE RESPIRATORY CARE WARD

SURGICAL INTENSIVE CARE UNIT RESPIRATORY INTENSIVE CAREUNIT | CARDIAC CARE UNIT

門診手術預約報到處 | 血液透析室 | 腹膜透析室 | 疼痛治療室 | 麻醉訪視室 | 手術會談室

HYPERBARIC OXYGEN THERAPY CENTER | BONE MARROW TRANSPLANTATION CENTER | BURN CENTER | RECOVERY ROOM | OPERATION ROOM | RESIRVATION/
RECEPTION AMBULATORY SURGERY | HEMODIALYSIS ROOM | PERITONEAL
DIALYSIS ROOM | PAIN SERVICE ROOM | ANESTHETIC VISIT ROOM | CONSULTAION

血庫 | 抽血 / 檢驗 | 呼吸治療室 | 氣管鏡室 | 復健部治療區 |

BLOOD BANK | LAB / TEST | RESPIRATORY THERAPY AREA | WOUND CENTER

內科加護病房 | 亞急性呼吸照護病房 傷口照護中心

正子造影中心

PET CENTER

仁德

交流道

ROOM | BRONCHOSCOPIC ROOM | PM & R THERAPEUTIC

急診室 | 復健部門診區

EMERGENCY ROOM (ER) | PM & R OPD CLINIC AREA

藥局 | 復健部治療區 | 體外電震波碎石治療中心 | 磁振造影檢查室 | 電腦斷層攝影室 | 心肺室 | 心導管室 | 腦波肌電圖室 | 內視鏡室

PHARMACY | PM & R THERAPEUTIC AREA | E.S.W.L. CENTER | MRI ROOM |
CT ROOM | CARDIOPULMONARY ROOM | CARDIAC CATHETERIZATION ROOM |
EEG EMG ROOM | ENDOSCOPY ROOM

員工專用哺集乳室 | 天橋 DEPT. OF PATHOLOGY | CENTER FOR INFECTION CONTROL | DISCHARGE PLANNING | DIVISION OF TRAUMA | WAITING AREA | BREASTFEEDING ROOM | SKY BRIDGE

病理部 | 感染管制中心 | 出院準備服務 | 外傷科 | 家屬等候區 |

DEPT. OF ANESTHESIOLOGY | SUPPLY CENTER FOR OPERATION ROOM

服務台 | 門診掛號 / 批價 | 住院服務中心 | 急診部 | 急診掛號/批價 | 核醫部 | 社工部 | 放射線診斷部 | 醫療事務室 | 駐衛警察隊 | 公共事務室 | 銀行

INFORMATION CENTER | OUTPATIENT REGISTRATION / CASHIER | ADMISSION SERVICE | DEPT. OF EMERGENCY MEDICINE | EMERGENCY REGISTRATION / CASHIER | DEPT. OF NUCLEAR MEDICAL | DEPT. OF SOCIAL WORK | DEPT. OF DIAGNOSTIC RADIOLOGY | DEPT. OF MEDICAL AFFAIRS | SECURITY TEAM | DEPT. OF PUBLIC AFFAIRS | BANK

營養部 | 工務室 | 資材供應室 | 病歷室 | 開標室 | 住院藥局藥庫 | 寧靜軒 | 民生廣場

麻醉部」手術室供應中心

DEPT. OF NUTRITIONAL SERVICE | DEPT. OF ENGINEERING |
AND MAINTENANCE | DEPT. OF MATERIAL SUPPLY | MEDICAL RECORDS ROOM |
BIDDING ROOM | INPATIENT PHARMACY / MEDICINE STOREROOM | MORGUE |
FOOD COURT AND LIVING SUPPLIES SQUARE

放射腫瘤部 B2

B1

DEPT. OF RADIATION ONCOLOGY

東門城 East Gate

停車場 | 防空避難室

前鋒路 長榮路。 林森路 中山高速公路 東豐路 Dongfeng Road 小東路 大學路 東寧路

東門路

成大醫院總院位置及路線圖

大眾運輸工具資訊

- (大台南公車經本院資訊) ◎2、橋12、綠17、19、77號公車搭至小東路成大醫院
 - ◎ 5、99號公車搭至勝利路成大醫院 ◎ 6號公車搭至小東路成功大學

© 2, Orange 12, Green 17, 19 or 77 to Xiaodong Road National Cheng Kung University Hospital © 5 or 99 to Shengli Road National Cheng Kung University Hospital © 6 to Xiaodong Road National Cheng Kung University Hospital

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(高鐵路線) HSR Tainan Station to the Hospital

- 高鐵台南站至本院,可於台鐵沙崙站搭乘區間車至台南火車站,於後火車站搭乘本院免費 服務接駁車至門診或住院大樓。
- 1. Go to TRA Shalun Station through the transfer corridor on the second floor of the HSR Tainan Station, or through Exit 1 in the ground floor lobby.

 2. Take the TRA local train to Tainan Train Station (takes around 20 minutes).

 3. Take the free hospital shuttle bus to the Outpatient or Impatient Building from the train station's rear exit.

 4. The local trains and free shuttle buses depart every 30 minutes

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(免費服務接駁車) _{後火車站發車}

週一 至 週五 Shuttle bus service Monday to Friday

• 住院大樓發車 上午07:30 上午07:40至下午05:40 Depart from Inpatient Building 07:40 AM to 05:40 PM Depart from train sta rear exit 07:30 AM

每20分鐘一班·如有延誤請稍候 國定例假日、週六、週日停駛

Departs every 20 minutes; please wait if there is any delay. Services suspended on Saturdays, Sundays and national holidays.

