

## 醫療照護八大政策



## Eight Major Strategies for Remote and Offshore Areas

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## 第一節 | 離島醫療在地化

為提供偏鄉離島當地民眾優質完善的醫療照顧，多次訪問全國偏鄉離島（圖2、3、4），分別提出金門醫療改革計畫、澎湖醫療改革計畫、連江縣醫療品質提升計畫、大武鄉衛生所暨南迴線緊急醫療照護品質提升計畫等四大優先計畫，以及醫療照護八大政策說明如下：

### 金門的醫療在地化

為強化金門醫療在地化，採行的措施包括：興建金門綜合醫療大樓及補助衛生所重擴建、與臺北榮民總醫院進行健保IDS合作、兩家醫學中心支援、輔導通過中度級急救責任醫院、培育養成公費生等。

#### 興建綜合醫療大樓

金門綜合醫療大樓的精神科大樓，於2013年一月六日已正式啟用（圖5、6），開放一百零二床，占床率分別是急性病床百分之九十二、慢性病床百分之七十二。

5 6 衛生福利部金門醫院精神科大樓。（2013年一月啟用）

The opening of the psychiatric building of MOHW's Kinmen Hospital, in Jan. 2013



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## Section 1 | Localizing Offshore Health Care

To provide quality health care for residents of remote and offshore areas, MOHW's minister and experts visited the remote and offshore areas many times (Figures 2, 3, 4). We propose four priority plans: "Kinmen Health Care Reform," "Penghu Health Care Reform," "The Lienchiang Medical Quality Improvement Plan" and "The Dawu Emergency Health Care Quality Improvement Plan," with eight major strategies for remote and offshore areas described below:

### Localization Strategies for Health Care in Kinmen

To enhance localization of health care in Kinmen, the MOHW has taken action to integrate resources for medical care. This includes construction of Kinmen's medical building and re-construction of its health center, implementing the NHI's Integrated Delivery Service (IDS) plan through cooperation with the Taipei Veterans General Hospital with support from two medical centers, and helping to pass the



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2 3 馬總統於2012年十一月訪問金門縣醫療狀況。

President Ma inspects the medical services of Kinmen County in Nov. 2012

4 邱部長於2012年訪問大武鄉衛生所。  
Minister Chiu visited Dawu health center in 2012



綜合醫療大樓預定於2014年五月落成啟用（圖7、8），未來將以提昇醫療服務成為區域級醫院水準為目標，並充分準備培育人才。此外，每年提供醫院醫療營運維持所需費用，以維持穩定的醫療作業水準。

### 與臺北榮總的健保IDS合作

自2005年迄今，與臺北榮民總醫院進行「全民健康保險山地離島地區醫療給付效益提昇計畫」（Integrated Delivery System，簡稱IDS）的合作，由臺北榮總支援金門醫院欠缺的專科醫師，例如神經外科、內科、神經內科、放射科、麻醉科、骨科、小兒科、皮膚科等，並且提供相關醫療儀器設備的評估與更新。

2012年六月，金門醫院的院長由臺北榮總急診內科主任顏鴻章擔任，更為強化兩院之間的合作關係。

### 兩家醫學中心支援

依據衛生福利部醫學中心支援離島醫療照護獎勵計畫，由臺北榮總及林口長庚醫院支援衛生福利部金門醫院，目前兩院已指派外科專科醫

7 8 衛生福利部金門醫院綜合醫療大樓。（預計2014年五月啟用）

The opening of the new general hospital building of MOHW's Kinmen Hospital (expected in May 2014)



certification of Intermediate Emergency Responsibility Hospitals, as well as public scholarships to finance training of physicians, along with other measures.

### Construction of Kinmen's New Medical Building

With the construction of Kinmen's general hospital, the psychiatric building was completed and opened on January 6, 2013 (Figures 5,6). It has 102 beds, with an anticipated bed occupancy rate of 92% for acute beds and 72% for chronic beds. In the future it will further develop its medical services with the goal of becoming a regional hospital fully prepared for training medical personnel (Figures 7,8). The MOHW provides annual financial support for the operations of the hospital.

### IDS Collaboration

Since 2005 the NHI's Integrated Delivery System (IDS) plan has promoted collaboration with the Taipei Veterans General Hospital, which sends specialty physicians (such as internal medicine, neurology, neurosurgery, radiology, anesthesiology, orthopedics, pediatrics, and dermatology) to Kinmen Hospital which has lacked such specialty physicians, and provides appropriate medical evaluation and updating of equipment. In June 2012, in order to strengthen the partnership between the two hospitals, Dr. David H.T. Yen, Chief of the Department of Emergency Medicine of Taipei Veterans Hospital, was appointed superintendent of Kinmen Hospital.

### Supported by Two Medical Centers

Under MOHW's "Medical Center Support Project", subsidizing for assistance and guidance from medical centers to areas lacking medical resources, Kinmen Hospital is supported by Linkou Chang Gung Memorial Hospital and Taipei Veterans General Hospital. Surgical specialty physicians, emergency surgical physicians, and ICU specialty physicians are currently assigned by these two hospitals. The MOHW has distributed 13 public scholarships to physicians who completed their training at the Taipei Medical University Hospital and Taipei Veterans General Hospital and will serve at Kinmen Hospital.

### Certificated as Intermediate Emergency Responsibility Hospital

In 2012, Kinmen Hospital passed the certification to be designated an Intermediate

師、急診外科專科醫師及加護病房專科醫師等；衛生福利部也優先分發了十三名公費生（臺大、榮總訓練完成），前往衛生福利部金門醫院服務。

### 輔導通過中度級急救責任醫院

金門醫院於2012年已通過中度級急救責任醫院，提供的服務已能滿足金門的醫療基本需求；對於無法在地治療的急重症，經審核機制適當轉診回臺灣本島醫學中心治療。目前，轉診到臺北榮總醫院急診室就診的病患，百分之九十七於二十四小時內能予以收治住院，實已發揮相當程度的轉診效能。

### 培育養成公費生

金門地區地方養成公費醫師，目前共有六十七名（十一名訓練中，五十六名在學中），從2014到2016年，將再招收二十七名，預計從2014年開始將可陸續申請分發返鄉服務。

### 補助衛生所重擴建

烈嶼鄉衛生所原有建物因空間不敷使用，目前租用民房作為辦公場所，然而租用的空間有限，部分業務推動不易；為提供當地居民更完善的公共衛生及基層醫療保健服務，提出新建工程計畫，預計2014年十月二十四日完工。

此外，為提供金寧鄉鄉親更優質的醫療服務空間，金寧鄉衛生所辦公廳舍新建工程，於2009年完工，並於同年十月二十八日正式啟用，提供醫療服務（圖9、10）。



9 10 金門縣金寧鄉衛生所。（2009年十月二十八日啟用）

The opening of Jinning Township health center in Kinmen County(October 28, 2009)

Emergency Responsibility Hospital. Medical services provided by the hospital can already meet the need for basic medical services in Kinmen. Those with severe conditions needing urgent treatment who can not be treated locally are referred to medical centers on the main island of Taiwan for treatment, after an approval process. Currently, patients are referred to the Taipei Veterans General Hospital emergency room for treatment, where 97% are admitted to the hospital within 24 hours.

### Cultivation of Local Physicians by Public Scholarship

Currently there are 67 physicians (11 in training, 56 still in study) from Kinmen financed by public scholarships. An additional 27 physicians will be recruited between 2014 and 2016. After 2014, these physicians will have to return to Kinmen for providing medical services

### New Buildings for Two Health Centers

The Lieyu Township health center building had insufficient space, so a residential house is currently rented as office space. As rental property is also limited, this arrangement makes some parts of the work more difficult. In order to provide more integrated health care services to local residents, a new building was approved and will be completed on October 24, 2014.

To provide the residents of Jinning Township with better quality space for medical services, the construction of Jinning Township Health Center Building was completed in 2009, and opened the same year to provide medical services (Figures 9, 10).

## 澎湖的醫療在地化

為了強化澎湖醫療在地化，採行的措施包括：補助衛生所重擴建、健保IDS合作計畫二、三級離島均有二十四小時醫師駐診、衛生福利部澎湖醫院及三總醫療整合與分工、三家醫學中心支援、輔導通過中度級急救責任醫院、培育養成公費生等。

### 健保IDS計畫

澎湖縣因地理環境因素，醫療資源集中於馬公本島。自1998年十一月起，在衛生福利部中央健康保險署規劃下，於澎湖馬公本島以外，陸續以「全民健康保險山地離島地區醫療給付效益提昇計畫」（IDS）的模式，實施醫療服務改善方案；實施地區包含南海地區（望安鄉、七美鄉、馬公市虎井島及桶盤島）及北海地區（吉貝島、烏嶼島、大倉島、員貝島）等，合計十三個離島。

澎湖離島的健保IDS計畫，係整合當地衛生所（室）共同執行，提供全天候醫療、假日門診、夜間急診及專科門診；無醫師長駐的離島，則加強提供巡迴醫療診次，並有護理人員駐島，協助當地民眾就醫事宜；此外，在望安及七美鄉提供復健治療等，提昇當地民眾就醫的可近性，及急診醫療的處置，以降低轉診後送的機率。

### 二院醫療服務分工

衛生福利部澎湖醫院與三總澎湖分院的醫療服務分工（圖11、12），原則上三總澎湖分院的發展較偏向外科系，衛生福利部澎湖醫院的發展則傾向於內科系，相互支援，期使醫療整合，重症空中後送得以降低。每

## Localization Strategies for Health Care in Penghu

Measures adopted to localize health care in Penghu include subsidies for renovation or reconstruction of health centers, the NHI's IDS plan for level and offshore islands providing 24-hour physicians for consultation, the integration and coordination of Penghu Hospital with Tri-Service General Hospital, support from three medical centers, and guidance to pass the certification to become an Intermediate Emergency Responsibility Hospital, as well as fostering physicians through public scholarships and other measures.

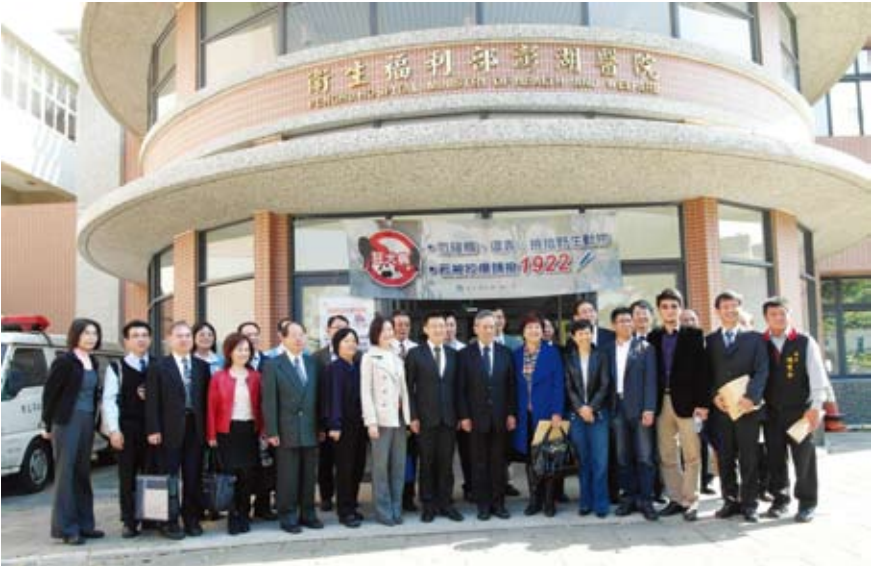
### The National Health Insurance IDS Plan

Due to geographic factors in Penghu, medical resources are concentrated in Makung City on Penghu's main island. Since 1998, smaller islands beyond the main island have in succession adopted the NHI's IDS plan to improve their medical services. The areas participating in NHI's IDS include the South Sea area (Wangan Township, Cemei Township, Hujing Island and Tongpang Island of Makung City) and the North Sea area (Jibei Island, Niaoyu Island, Dachung Island, Yuanbei Island). These include a total of 13 offshore islands, where local health centers (stations) are jointly integrated to provide around-the-clock medical services, holiday clinics, night emergency and specialty medical care. For offshore islands lacking resident physicians, frequency of mobile health care rounds is enhanced, and nurses stay to assist residents with medical services. For improved access to medical care, rehabilitation therapy and emergency services are provided in Wangan and Cemei Townships. By localizing medical services in this way, the rate of referral evacuations is decreasing.

### Two Hospitals Support Each Other for Integration of Medical Services

There are two hospitals in Penghu County, Penghu Hospital and Tri-Service General Hospital's Penghu Branch (Figures 11, 12). In principle, the Tri-Service General Hospital Penghu Branch is oriented toward development of Surgery and Penghu





11 衛生福利部澎湖醫院新建大樓。  
Newly constructed building of MOWH's  
Penghu Hospital

12 三總澎湖分院醫療大樓。  
The medical building of Tri-Service  
General Hospital's Penghu Branch



年提供兩院醫療營運維持所需費用，以維持穩定的醫療作業水準。

此外，衛生福利部澎湖醫院與澎湖各離島衛生所合作遠距醫療視訊會診，並且與高雄榮總及高雄長庚醫院合作遠距視訊，以即時獲得大型醫學中心支援。

三家醫學中心支援

Hospital is oriented toward the development of internal medicine, with both hospitals supporting each other, allowing for the integration of medical services to reduce aeromedical referral evacuations. The MOHW provides financial support on an annual basis to maintain the operation of the two hospitals. Also, Penghu Hospital and its offshore island health centers collaborate through video telemedicine consultations, and also collaborate with the Kaohsiung Veterans General Hospital and Kaohsiung Chang Gung Memorial Hospital through Picture Archiving and Communication System (PACS), to receive support from large medical centers.

Supported by Three Medical Centers

Chi Mei Hospital and Kaohsiung Chang Gung Memorial Hospital support Penghu Hospital in cardiology, neurology, emergency, and other specialties; the Penghu branch of Tri-Service receives support from Tri-Service General Hospital. In addition, nine local medical students are supported annually through public scholarships to foster local medical personnel.

Certificated as an Intermediate Emergency Responsibility Hospital

Currently, Penghu Hospital has cardiology, surgery, urology, obstetrics and gynecology, as well as pediatrics, orthopedics, rehabilitation, neurology, surgery, emergency and a total of 22 departments with 33 attending physicians providing 24-hour medical services. In 2012, it passed the certification and was designated an Intermediate Emergency Responsibility Hospital. It is the only local hospital with capacity to provide treatment for mental illnesses.

In addition, a cardiac catheterization room was completed and opened on December 4, 2013; on its opening day it successfully performed its first emergency cardiac catheterization surgery, and by May 2014, 60 more patients had been treated. (Figure13,14)The provision of accessible medical services to local residents has successfully reduced referral evacuations, and Penghu's medical services are now more advanced than offshore island medical services of other nations.

Cultivation of Local Physicians by Public Scholarship

Public scholarships have been used to train local physicians from Penghu, with

由奇美醫院及高雄長庚醫院等醫學中心前往支援衛生福利部澎湖醫院，主要支援心臟內科、神經內科、急診醫學科等。三軍總醫院則是支援三總澎湖分院。此外，在地養成公費生的招生每年有九名，以強化在地養成醫事人力。

### 輔導通過中度級急救責任醫院

目前，衛生福利部澎湖醫院已設有心臟內科、外科、泌尿科、婦產科、兒科、骨科、復健科、神經內、外科、急診醫學科等二十二科，共有三十三位主治醫師，提供二十四小時的醫療服務。2012年底，該院已通過中度級急救責任醫院，也是當地唯一執行精神疾病醫療業務的醫院。

院內的心導管室於2013年十二月四日落成開幕啟用（圖13、14），揭幕當日即成功完成急診病患第一例心導管手術，截至2014年五月已完成六十例，成效良好，領先各國離島醫療，提供在地民眾就近醫療，減少轉診後送。

### 培育養成公費生

澎湖地區地方養成公費醫師，目前共有七十三名，其中有二十五名已服務期滿，九名服務中、九名訓練中、二十八名在學中、二名為其他情形；其中，牙醫師十五名，護理人員四十五名，其他類醫事人員二十名。2014至2016年，公費生將再招收醫學系二十七名、牙醫學系三名，預計將可陸續申請分發返鄉服務。

### 補助衛生所重擴建

澎湖縣望安鄉的東吉衛生室屬於海砂屋建築，加上年代久遠，並有危及人身安全之虞，為能繼續照護當地醫療保健及落實公共衛生業務，提出原地重建計畫，預計2015年一月完工。

73 physicians trained so far (25 physicians' period of service has expired, with 9 currently serving, 9 in training, 28 engaged in study, and 2 in other situations),. There are 15 dentists, 45 nurses and 20 other medical personnel who received their training through this publicly funded program. From 2014 to 2016, the program will recruit 27 more medical students and three dental students with the expectation that they will provide services in Penghu.

### Rebuilding the Health Station

Penghu Wangan Township's health station had originally been built from processed sea sand, which presented a risk for the old building and for the safety of people in it. Reconstruction was undertaken in order to better provide health care and public health services. The completion of this new building is anticipated in January 2016.



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衛生福利部澎湖醫院心導管室。  
（2013年十二月四日啟用）

Cardiac catheterization room at  
MOHW's Penghu Hospital (opened  
December 4, 2013)

## 連江的醫療在地化

為了強化連江（馬祖）醫療在地化，採行的措施包括：興建連江縣立醫院新建醫療大樓及補助舊醫療大樓空調設備改善、由健保IDS提供當地專科醫療、兩家醫學中心支援、培育養成公費生等。

### 健保IDS計畫

自2000年三月起，在衛生福利部中央健康保險署規劃支持下，以「全民健康保險山地離島地區醫療給付效益提昇計畫」（IDS）的模式，推動「馬祖地區醫療給付效益提昇計畫」，提供當地民眾基本的內、外、家醫、婦、兒、復健、精神等科的專科醫療；同時也提供連江縣立醫院、以及北竿、東莒、西莒、東引各鄉衛生所的夜間急診待診等服務。

### 新建醫療大樓

連江縣立醫院新建醫療大樓於2011年一月二十一日啟用，包含一般病床五十七床、特殊病床二十一床，讓連江縣民享有與本島平地一樣的醫療照護服務，並提供醫院醫療營運維持所需費用，以維持穩定的醫療作業水準。

連江縣立醫院於2010年底完工後，由中央撥款補助64切電腦斷層，並已開洗腎床四床。至於舊的醫療大樓，2013年亦予補助空調設備改善，提昇既有的醫療環境品質（圖15、16）。

## Localization Strategies for Health Care of Lienchiang

Localization of health care in Lienchiang area has involved a new medical building for the Lienchiang County Hospital and a new air-conditioning system for the old medical building, as well as specialty medical care provided through the NHI's IDS plan, two medical centers offering support, and fostering of medical personnel through public scholarships and other measures.

### The National Health Insurance IDS Plan

The NHI's IDS plan for the Matsu Area was launched in March 2000 to provide residents with surgery, internal medicine, family medicine, obstetrics and gynecology, pediatrics, rehabilitation, psychiatry and treatment by other medical specialties. In addition, the plan also provides night emergency and consultation services to the Lienchiang County Hospital, as well as to the local health centers of Beigan, East Juguang, West Juguang and Dongyin Township.

### Newly Constructed Medical Building

A newly constructed medical building for Lienchiang County Hospital opened on January 21, 2011 equipped with 57 acute beds and 21 special beds. These enable local residents to enjoy the same quality of medical services as that available to people living on main island. Financial support is provided by MOHW for the operation of the hospital. In 2013, a subsidy was provided to improve air conditioning facilities for the old medical building in order to enhance quality of medical services there (Figures 15, 16).

After the construction of the Lienchiang County Hospital was completed in 2010, the MOHW subsidized 64 cut computed tomography scanners and four dialysis beds.





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15 連江縣立醫院新建醫療大樓。(2011年一月二十一日啟用)  
The new medical building of Lienchiang County Hospital (opened January 21, 2011)

### 醫學中心支援

由亞東醫院及萬芳醫院支援連江縣立醫院，優先提昇急診、加護病房及外傷照護能力。

### 培育養成公費生

連江地區地方養成公費醫師，目前共有二十二名，有五名訓練中，十七名在學中，另有牙醫師七名、護理人員十一名、其他醫事人力二十六名；從2014到2016年，將再招收六名公費醫師、牙醫師三名、護理人員九名、其他醫事人力十四名，預計從2015年開始將可陸續申請分發返鄉服務。

### 成果斐然

由於過去各項醫療照護措施的採行，2013年遠見雜誌醫療衛生調查，連江縣的滿意度居全國之冠。

### Supported by Three Medical Centers

Lienchiang County Hospital has support from the Far Eastern Memorial Hospital and Wan Fang Hospital, with a priority on upgrading its emergency, ICU and trauma care capacity.

### Cultivation of Local Physicians by Public Scholarship

Currently there are 22 physicians from Lienchiang ( 5 are in training and 17 taking classes ), along with 7 dentists, 11 nurses and 26 other medical personnel financed by public scholarships. From 2014 to 2016, the program will recruit 29 more students (3 medical students, 3 dental students, 9 nurses and 14 other medical personnel) with the expectation that they will provide services in Penghu.

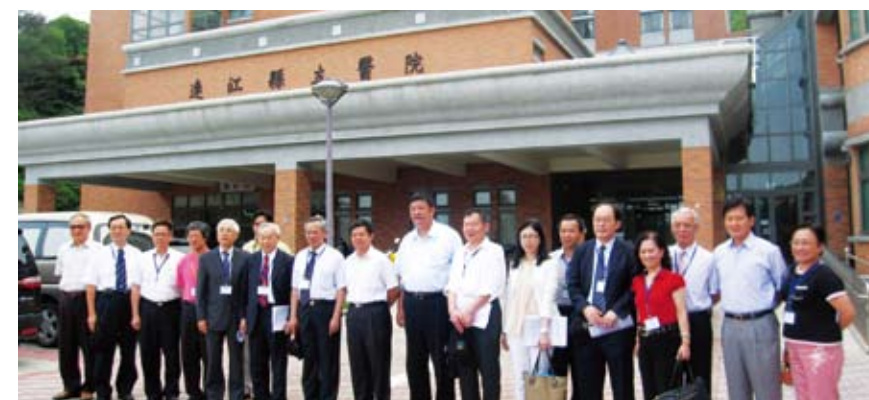
### Acclaimed results

With the adoption and implementation of health policies, based on the 2013 Global View Monthly on health care services, Lienchiang County's satisfaction rate ranked first in the nation.



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16 2012年八月訪問連江縣醫療資源。  
Reviewing medical resources in Lienchiang Township in August 2012



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臺東縣蘭嶼、綠島的醫療在地化

臺東縣全縣有十六個鄉鎮，均為原住民族地區或離島鄉，其中，南迴線經過達仁鄉、大武鄉、金峰鄉及太麻里等四鄉（圖17）。為了強化臺東蘭嶼、綠島醫療在地化，採行的措施包括：由健保IDS提供專科醫療、協助衛生所重擴建、完成醫療資訊化及醫療影像傳輸系統、建置衛生所醫療電子病歷、培育養成公費生等。



17 臺東南迴線四鄉位置圖。  
Position of four Townships in the Taitung southern link

健保IDS計畫

蘭嶼自2001年七月起，在衛生福利部中央健康保險署的規劃下，以「全民健康保險山地離島地區醫療給付效益提昇計畫」（IDS）的模式，提供專科門診、夜間及假日門診、夜間待診、精神科醫療、健康促進、衛生教育及轉診後送等服務。

綠島自2002年十一月起，在衛生福利部中央健康保險署的支持下，以健保IDS模式，提供專科門診醫療、夜間及假日門診、夜間待診、精神科醫療、健康促進、衛生教育及轉診後送等服務。

Localization Strategies for Health Care on Lanyu and Green Island in Taitung County

All 16 townships in Taitung County are aboriginal areas or offshore townships. Those in the southern link are the four townships of Daren, Dawu, Jinfeng and Taimali (Figure 17). To localize health care on Lanyu and Green Island, the NHI's IDS plan was adopted to provide specialty medical care, assistance in the reconstruction of health centers, completion of PACS, digitizing medical information, fostering medical personnel and physicians through public scholarships and other measures.

The National Health Insurance IDS Plan

Since the adoption of the NHI's IDS plan for Lanyu in July 2001, specialty medical care, night and holiday outpatient services, night consultations, psychiatry service, health promotion and education, referral evacuations and other services have been provided.

Since the NHI's IDS plan was adopted in November 2002 on Green Island, local facilities and their partners have provided outpatient services, night and holiday clinics, psychiatry services, health promotion, education, referral evacuations and other services.

Rebuilding the Health Center

Green Island's old health center was constructed in 1983. In 1991, the health center was expanded by adding an additional three floors. As the building still lacked sufficient space for providing medical services to local residents and tourists, a new construction plan that cost NTD 36 million (USD 1.2 million) was approved in 2014. Repairs have also been carried out on remote health centers in Lanyu Township.

The Digitization of Medical Information

To enhance the quality of the medical environment and health care for the residents of Lanyu and Green Island, we have completed digitizing of medical information, with Hospital Information System (HIS) and Picture Archiving Communication System (PACS) completed in 2009, for which Taoyuan Hospital provides timely data

協助衛生所重擴建

綠島鄉衛生所原醫療及健康中心建於1983年，於1991年擴建為三層加強磚建造物。為了強化當地醫療服務，既有建築物空間及相關醫療設施，已不足以因應鄉民及遊客的醫療照護需求，遂提出新建工程計畫，2014年已核定總經費三千六百零七萬元。

此外，偏遠的蘭嶼鄉衛生所建物亦經修繕，以提供最佳的醫療服務。

醫療服務資訊化

為了提昇蘭嶼及綠島當地民眾的就醫環境及醫療保健服務品質，完成醫療資訊化，除了已於2009年完成醫療資訊化系統（HIS）及醫療影像傳輸系統（PACS），並由衛生福利部桃園醫院限時支援判讀，迄2013年已協助判讀四百六十七件。

2014年完成蘭嶼及綠島衛生所的醫療電子病歷建置。

培育養成公費生

目前，綠島鄉地方養成公費醫師共有五名（表9），其中三名已服務期滿、一名訓練中、一名在學中；現有一名一般公費醫師、一名養成公費牙醫師，服務於綠島鄉衛生所。

蘭嶼鄉地方養成公費醫師，目前共有三名，服務於蘭嶼鄉衛生所。

從2014到2016年，綠島鄉將再招收一名醫學系公費生，蘭嶼鄉將再招收三名醫學系公費生，預計將可陸續申請分發返鄉服務。

interpretations. By 2013, this system has already been used to interpret 467 cases.

Lanyu and Green Islands' health centers will complete establishment of Electronic Medical Records (EMR) by 2014.

Cultivation of Local Physicians through Public Scholarships

Through the training of local physicians supported by public scholarships , there are currently five physicians in Green Island Township (Table 9). Three of these physicians' terms of service have expired, one is in training, and one taking courses . In addition, there is one physician and one dentist financed by public scholarships serving in Green Island's health center. As for Lanyu Island, currently there are three physicians financed by public scholarships that are serving at Lanyu Township's health center. From 2014 to 2016, Green Island Township will recruit one additional medical student and Lanyu will recruit three more with the expectation that they will provide services in Lanyu.

表9 | 蘭嶼及綠島醫師分布情形  
Table 9 | Distribution of Physicians on Lanyu and Green Island

地區 Area	人口數 Population (Dec. 2013)	醫療機構 Medical Institutions	醫師 Physicians	牙醫 Dentists	公費醫師 培育人數 Physicians Financed by Public Scholarships	
			現有數 Current Numbers (養成公費生數) (Number of Public Scholarships)	現有數 Current Numbers (養成公費生數) (Number of Public Scholarships)	1969-2013	2012-2016
蘭嶼鄉 Lanyu Township	4,905	衛生所1家 1 Public Health Center	3 (3)	1 (0)	2	3
綠島鄉 Green Island	3,580	衛生所1家 1 Public Health Center	1 (0)	1 (1)	5	1
		診所1家 1 Clinic	1 (0)	-	-	-



## 第二節 | 本島偏遠地區醫療在地化

衛生福利部為了強化本島偏鄉的醫療照顧，提出大武鄉衛生所暨南迴線緊急醫療照護品質提昇計畫等政策，致力臺東、屏東、花蓮、雲林、南投、苗栗等本島偏遠地區醫療在地化。

### 臺東大武鄉及金峰鄉的醫療在地化

為強化臺東大武鄉及金峰鄉醫療在地化，除了協助當地緊急醫療照護中心及衛生所（室）重擴建之外，並採行由三家醫學中心支援、培育養成公費生等措施。

#### 三家醫學中心支援

依據衛生福利部的醫學中心支援離島醫療照護獎勵計畫，由慈濟醫院、國泰醫院及馬偕醫院支援馬偕醫院臺東分院，從2013到2015年度，共核定補助三千五百五十三萬元。

2012年馬偕醫院臺東分院已通過中度級急救責任醫院（圖18）。



18 馬偕醫院臺東分院新大樓。  
New building of McKay Hospital, Taitung Branch

## Section 2 | Localizing Rural Health Care

To enhance health care for residents in rural areas, the MOHW has proposed such strategies as "Emergency Health Care Quality Improvement Plan" for the Dawu health center and four southern link Townships, endeavoring to localize health care in these areas, including Taitung, Pingtung, Hualien, Yunlin, Nantou and Miaoli Counties.

### Localization Strategies for Health Care in Dawu and Jinfeng Townships in Taitung County

To enhance localization of health care in Dawu and Jinfeng Townships of Taitung County, the central government assisted with reconstruction of local emergency medical care and health centers (stations), supported services in this area by establishing collaboration with three medical centers, and cultivated medical students through public scholarships and other measures.

#### Supported by Three Medical Centers

The subsidies through MOHW's "The Medical Center Support Project" provide for Tzu Chi Hospital, Cathay General Hospital and Mackay Memorial Hospital to assist Mackay Memorial Hospital's Taitung Branch. The approved annual subsidy is NTU 35.53 million (USD 1.2 million) for 2013 to 2015. In 2012, Mackay Hospital Taitung Branch passed the assessment to qualify as an Intermediate Emergency Responsibility Hospital (Figure 18).

#### Subsidizing & Establishing Emergency Medical Care Centers

To enhance the emergency capabilities, holiday and night first aid stations have been established by the Tzu Chi Kwan Shan Hospital, Dawu Health Center and Taitung Hospital's Chengueng Branch, with a NTD 34 million (USD 1.2 million) subsidy per year.

### 協助當地緊急醫療照護中心

為了提昇急診能力，慈濟關山醫院、大武鄉衛生所及衛生福利部臺東醫院成功分院，都設有假日及夜間救護站，每年費用共計三千四百萬元。

規劃於臺東大武設置「南迴線緊急醫療照護中心」，並提報「大武鄉衛生所暨南迴線緊急醫療照護品質提昇」計畫，已獲研考會審核通過，總經費約一億三千萬元。此外，也有民間非營利組織籌建南迴醫院。

### 培育養成公費生

臺東地區原住民籍地方養成公費醫師，迄今共計四十九名，包括二十八名已服務期滿、兩名服務中、四名為其他情形、四名訓練中，十一名在學中；另有七名牙醫師、十八名護理人員、八名為其他醫事人力；當中也包含蘭嶼鄉培育的人數，有兩名醫學系、八名護理及護理助產學系、兩名其他醫學學系。未來臺東縣預計再培育原住民籍一名醫學系、一名牙醫學系的公費生。

### 衛生所室重擴建

2005年海棠颱風造成太麻里溪暴漲，金峰鄉衛生所瞬間遭溪水掏空，整棟流失。為了繼續提供醫療保健服務，臺東縣政府向衛生福利部提出重建計畫，選定賓茂村衛生室及相鄰公有地作為建地。該所已於2011年一月十二日啟用（圖19）。

金峰鄉的嘉蘭村因為沒有醫療據點作為衛生室，為了提供民眾合適的看診環境，提昇服務品質，提出新建衛生室計畫，預計2015至2016年間完成。



19 臺東縣金峰鄉衛生所。（2011年一月十二日啟用）

Opening of the Jinfeng Township health center, Taitung County (Jan 12, 2011)

We are planning to set up an "Emergency Medical Care Center of the Southern Link" in Taitung's Dawu and have proposed "A Plan for Quality Improvement of Dawu County's Health Center and Emergency Medical Care of the Southern Link," which has been approved for total funding of about NTD 130 million (USD 4.3 million). In addition, private non-profit organizations are preparing to build a South Link Hospital.

### Cultivating Local Physicians by Public Scholarship

Public funding has supported training of local aboriginal physicians for the Taitung area. So far 49 physicians have received training (28 physicians' terms of service have expired, 2 are still providing services, 4 in other circumstances, 4 in training and 11 still studying), as well as 7 dentists, 18 nurses, and 8 other medical personnel. These include training of medical personnel for Lanyu Township (two medical students, eight nursing students, and two other para-medical students). In the future, Taitung County is expected to recruit one more aboriginal medical student and one dental student.

### Replacing Destroyed Medical Buildings

In 2005 typhoon Haitang flooded the Taimali Creek and, in an instant, Jinfeng



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20 2012年訪問臺東縣達仁鄉衛生所。

Visit to the Daren Township health center in 2012

再者，達仁鄉衛生所內部空間狹窄老舊，多處地基及牆角龜裂、漏水，不堪使用，並且影響房屋的安全性。重擴建工程已於2009年二月六日完成啟用，免除鄉民遠赴他鄉看病之苦；所內也增添新型醫療檢驗儀器設備，以提昇醫療保健服務品質及優化鄉民的就醫環境（圖20）。

Township's health center was washed away. In order to continue providing health care services, Taitung County Government presented a rebuilding plan to the Ministry of Health and Welfare, selecting Binmao Village's health station and adjacent public land as building sites. The new health center has been in use since January 12, 2011 (Figure 19).

As Kaluwan village has no health institution or clinic to serve as health center or station, we proposed a new health station construction project which is to be completed between 2015 and 2016.

Daren Township's health center is old with multiple cracks and leaks at the base and corners that ultimately affect the safety of the building. Taitung County Government presented an expansion plan to MOHW and the building has been in use since February 6, 2009, making the lives of patients easier as they no longer have to travel long distance for medical attention to neighboring townships. New medical testing equipment is also available to improve the health center's quality of care and to ensure a better medical environment for local residents (Figure 20).

2012年訪問大武鄉衛生所。

Visiting the Dawu health center in 2012





## 屏東地區的醫療在地化

屏東縣幅員狹長，縣境平原區以東，山勢陡峭，屬大武山山脈及中央山脈南段，為全縣屏障，共有八個山地鄉及一個離島鄉。

為了強化屏東地區醫療在地化，採行的措施包括：由健保IDS提供專科醫療、兩家醫學中心支援、協助衛生所（室）重擴建等。

### 緊急醫療照護補助與醫學中心支援

自2006至2012年，補助屏東縣恆春地區的南門醫院、衛生福利部恆春旅遊醫院、恆春基督教醫院，共同合作提供二十四小時急診，並由高雄醫學大學及高雄榮民總醫院等區域級以上醫院，提供急重症醫師支援，每年補助經費達九百餘萬元。

自2013年起，辦理「醫學中心支援離島及醫療資源不足地區醫院緊急醫療照護服務獎勵計畫」，由高雄醫學大學附設醫院協助衛生福利部恆春旅遊醫院，高雄榮民總醫院協助南門醫院，強化兩家醫院的急診、加護病房、腦中風及重大外傷的醫師人力與照護品質，從2013到2015年核定補助兩家醫院，共計七千二百萬元，以增進當地民眾在地就醫的及時性與可近性。

屏東縣東港鎮的安泰醫院於2013年通過重度級急救責任醫院。

### 健保IDS計畫

2000年一月，由東港安泰醫院率先於離島琉球鄉，推動健保IDS計畫，

## Localization Strategies for Health Care in the Pingtung Area

Pingtung County's land is narrow, rising from the plain in the eastern part of the county with steep mountains that belong to the Dawu Mountain range and the southern section of the Central Mountains; the county is fully surrounded by eight mountainous townships and one offshore island township.

To localize health care in Pingtung County, we conducted medical services provided by specialty physicians based on the National Health Insurance IDS plan. The area receives support from two medical centers, and we have assisted in the reconstruction of health centers (stations) and other measures.

### Subsidies for Emergency Medical Care and Medical Center Support

From 2006 to 2012, the South Gate Hospital, the MOHW's Hengchun Tourism Hospital and the Hengchun Christian Hospital were subsidized to cooperate with Kaohsiung Medical University Hospital and Kaohsiung Veterans Hospital which provide 24-hour emergency care and support of emergency physicians with an annual subsidy of more than NTD 9 million (USD 300,000). Since 2013, "The Medical Center Support Project" has been in effect. Through this program, the Ministry of Health and Welfare's Hengchun Travel Hospital is assisted by Kaohsiung Medical University Hospital, and South Gate Hospital is assisted by the Kaohsiung Veterans General Hospital, strengthening the quality of medical personnel dealing with emergencies, intensive care, cerebral vascular accident (CVA) and critical trauma. NTD 72 million (USD 2.4 million) was approved to subsidize the two hospitals from 2013 to 2015 to enhance the timeliness and accessibility of medical treatments for local people.

In 2013, Antai Tian-Sheng Memorial Hospital (TSMH) in Pingtung passed an assessment, qualifying as an Advanced Emergency Responsibility Hospital.

提供全天候醫療及專科醫療，並提供產婦待產照護。同年三月接續由屏東基督教醫院，於霧台鄉、三地門鄉實施健保IDS計畫。2002年五月起，屏東縣山地鄉全面實施健保IDS計畫。

接續於2000年三月由屏東基督教醫院於霧台鄉、三地門鄉實施健保IDS計畫；爾後於2002年五月起，於屏東縣山地鄉全面實施健保IDS計畫。按衛生所地理位置，分別推動五個健保IDS計畫，包含(1)屏東縣三地門鄉、霧台鄉、瑪家鄉健保IDS計畫、(2)屏東縣泰武鄉、琉球鄉健保IDS計畫、(3)屏東縣來義鄉健保IDS計畫、(4)屏東縣春日鄉、獅子鄉健保IDS計畫及(5)屏東縣牡丹鄉健保IDS計畫；提供的醫療服務內容包括：無醫村巡迴醫療、全天候醫療、專科醫療等醫療照護。

### 衛生室新建工程

來義鄉的文樂村衛生室建物年代久遠，加以經鑑定有危險之虞、不堪使用，因此申請新建。此外，望嘉村衛生室屬於相同的狀況，亦申請新建。兩項衛生室新建工程預計於2013到2015年間完成。

### The National Health Insurance IDS Plan

In January 2000, TSMH approved the NHI's IDS plan for the offshore island of Liouqiu Township to provide health care and specialty medical care around the clock, as well as providing care for expecting mothers.

The Christian Hospital in Wutai Township and Sandiman Township in Pingtung successfully implemented the NHI's IDS plan starting in March 2000. By May 2002, the NHI's IDS plan was fully implemented in the mountain townships of Pingtung County. Based on the location of health centers, five different NHI IDS plans were promoted for Pingtung County, which included :

- (1)The NHI's IDS plan for the Sandimen, Wutai and Mjia Townships.
- (2)The NHI's IDS plan for Taiwu and Liouqiu Townships.
- (3)The NHI's IDS plan for Laiyi Township.
- (4)The NHI's IDS plan for Chunrih and Shihzih Townships.
- (5)The NHI's IDS plan for Mudan Township.

Medical services include mobile health care for villages with insufficient medical resources, around-the-clock medical care, specialty medical care, and other services.

### Rebuilding Old Health Stations

Wenlau Village's aging health station in Laiyi Township was identified as a dangerous and unsound building and applied for reconstruction. In addition, the public health station in the Vunagljid Village is in the same condition and hopes to also apply for reconstruction. The two new public health stations are expected to be completed from 2013 to 2015.

花蓮地區的醫療在地化

為了強化花蓮地區醫療在地化，採行的措施包括：協助設置醫療站、由健保IDS提供專科醫療等。

協助設置醫療站

依據辦理「緊急醫療資源不足地區改善計畫」，補助南花蓮臺北榮民總醫院鳳林分院與玉里分院，提昇急診能力；並於合歡山雪季與秀姑巒溪泛舟期間，設置醫療站，每年共計補助二千八百餘萬元。

健保IDS計畫

由「全民健康保險山地離島地區醫療給付效益提昇計畫」（IDS）提供秀林鄉、萬榮鄉、卓溪鄉及豐濱鄉等地醫療服務：

- （1）**秀林鄉**：自2001年四月起，在衛生福利部中央健康保險署規劃下推動IDS，於秀林鄉各村設置醫療站，提供週一至週日專科診與假日診的服務、每週三次夜間門診醫療服務、預防保健、衛生教育等服務；衛生所提供每週一至週五一般門診、以及九村的巡迴醫療。
- （2）**萬榮鄉**：自2003年十一月起，在衛生福利部中央健康保險署規劃下推動IDS，於萬榮鄉各村的衛生室或民宅設置醫療站，提供週一至週五專科診與週日的假日診服務、每週五次夜間門診醫療服務、預防保健、衛生教育等服務；衛生所提供每週一至週五一般

Localization Strategies for Health Care in the Hualien Area

The goal of localizing healthcare in Hualien area will be met by establishing medical stations, with specialty medical care and other health care measures provided through the NHI's IDS plan.

Subsidies for Setting up Medical Stations

Through the "Improvement Plan for Areas Lacking Emergency Medical Resources," the Fenglin and Yuli Branches of the Taipei Veterans General Hospital have been subsidized with approximately NTD 28 million (USD 930,000) annually to enhance their emergency capabilities and to set up medical stations during the snowy season on Hehuan Mountain and the canoeing season on the Xiuguluan River.

The National Health Insurance IDS Plan

ShouLin, Wanrong, Zhuoxi, Fengbin and other Townships' health care have been provided for by the NHI's IDS plan :

- （1）**ShouLin Township**: Since the promotion of the NHI's IDS plan in April 2001, medical stations currently have been set up at every village in ShouLin Township, providing specialty medical care seven days a week, holiday clinic services, night outpatient medical services three times a week, preventive care, health education and other services. Health centers offer general outpatient services from Monday to Friday and mobile health care for the nine villages.
- （2）**Wanrong Township**: Since the promotion of the NHI's IDS plan in November 2003, health stations or residential medical stations have been set up at every village in Wanrong Township. These provide specialty medical care from Monday to Friday, holiday clinic services on Sundays, night outpatient medical services five times a week, preventive care, health education and



門診、以及六村的巡迴醫療。

- (3) **卓溪鄉**：自2002年一月起，在衛生福利部中央健康保險署規劃下推動IDS，於卓溪鄉各村的衛生室或民宅設置醫療站，提供週一至週五專科診與週日的假日診服務、每週四次夜間門診醫療服務、預防保健、衛生教育等服務；衛生所提供每週一至週五的一般門診、以及六村的巡迴醫療。
- (4) **豐濱鄉**：自2004年五月起，在衛生福利部中央健康保險署規劃下推動IDS，週一至週五於豐濱原住民醫院開專科門診、夜間門診及夜間待診，週六及週日全日待診；另有全鄉五村、臺東縣長濱鄉樟原村及南溪部落的巡迴醫療。

other services. Health centers offer general outpatient services from Monday to Friday and mobile health care for the six villages.

- (3) **Zhuoxi Township**: Since the implementation of the NHI's IDS plan in January 2002, health stations or residential medical stations currently have been set up at every village in Zhuoxi Township. These provide specialty medical care from Monday to Friday, holiday clinic services on Sundays, night outpatient medical services four times a week, preventive care, health education and other services. Health centers offer general outpatient services from Monday to Friday and mobile health care for the six villages.
- (4) **Fengbin Township**: Since adopting the NHI's IDS plan in May 2004, specialty medical care, night outpatient medical services from Monday to Friday, and full day outpatient medical care on Saturdays and Sundays were initiated at the Fongbin Aboriginal Branch Hospital. In addition, mobile health care is provided for five villages as well as for Changbin Township's Chungyung Village and Kusahala Tribe.

## 雲林地區的醫療在地化

為了強化雲林地區醫療在地化，採行由四家醫學中心支援等措施。

### 四家醫學中心支援

自2013年起，依據辦理「醫學中心支援離島及醫療資源不足地區醫院緊急醫療照護服務獎勵計畫」，臺大醫院雲林分院由臺大醫院支援，中國醫大北港分院由中國醫大附設醫院支援，若瑟醫院由亞東醫院及成大醫院支援；2013至2015年度共計補助一億三千萬元。

臺大醫院雲林分院藉由「醫學中心支援離島及醫療資源不足地區醫院緊急醫療照護服務獎勵計畫」的協助，已於2013年度通過重度級急救責任醫院的認證。

## Localization Strategies for Health Care in the Yunlin Area

To localize health care in Yunlin area, we arranged support from four medical centers and other measures.

### Support from Four Medical Centers

Since the inception of "The Medical Center Support Project" in 2013, National Taiwan University Hospital's Yunlin Branch has received support from National Taiwan University Hospital (NTUH), while China Medical University's Beigang Branch has been supported by China Medical University Hospital and St. Joseph's Hospital receives support from Far Eastern Memorial Hospital and National Cheng Kung University Hospital. A total of NTD 130 million (USD 4.5 million) in subsidies have been provided from 2013 to 2015 to secure these support services.

National Taiwan University Hospital's Yunlin Branch passed the Advanced Emergency Responsibilities Hospital Assessment in 2013 through assistance from "The Award Plan for Support Services from Medical Centers to Areas Lacking Medical Resources."

## 南投地區的醫療在地化

為了強化南投地區醫療在地化，採行的措施包括：協助設置醫療站、由健保IDS提供專科醫療、協助衛生所（室）重擴建等。

### 三家醫學中心支援

自2013年起，依據辦理「醫學中心支援離島及醫療資源不足地區醫院緊急醫療照護服務獎勵計畫」，由臺中榮民總醫院支援衛生福利部南投醫院，彰化基督教醫院支援佑民醫院，中國醫大附設醫院支援竹山秀傳醫院；2013至2015年度共計核定補助一億三千萬元。

### 協助設置醫療站

依據辦理「緊急醫療資源不足地區改善計畫」，於日月潭與清境農場設置觀光地區急診醫療站，每年補助共計一千一百餘萬元。

### 健保IDS計畫

在衛生福利部中央健康保險署的規劃下，南投縣仁愛鄉及信義鄉分別於2000年八月及2001年七月起，推動「全民健康保險山地離島地區醫療給付效益提昇計畫」（IDS），因應當地居民醫療照護的需求，提供完整的醫療健康照護服務。

除了二十四小時駐診服務，並針對偏遠部落提供假日巡迴及專科巡迴醫療服務；提供的健康管理照護服務，包括：特定疾病管理照護計畫、預防篩檢服務、到宅診療、居家照護、辦理衛教宣導等，並持續朝提昇民

## Localization Strategies for Health Care in the Nantou Area

To localize health care in the Nantou area, medical stations have been established, providing specialty medical care through the NHI's IDS plan and we have provided reconstruction assistance for health centers (stations).

### Supported by Three Medical Centers

Through "The Award Plan for Support Services from Medical Centers to Areas Lacking Medical Resources," MOHW's Nantou Hospital has been supported by the Taichung Veterans General Hospital, while Yumin Hospital has been supported by Changhua Christian Hospital and Chu Shang Show Chwan Hospital has been supported by China Medical University Hospital. A total of NTD 130 million (USD 4.5 million) in subsidies will be provided from 2013 to 2015.



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眾自我健康照護概念及就醫可近性的方向努力。

### 協助衛生室重擴建

信義鄉的愛國村衛生室因建築老舊不堪與空間不足，申請新建工程，已於2012年度完工啟用（圖21、22）。



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### 21 22

南投縣信義鄉愛國村衛生室。（2012年十二月二十六日啟用）

Aiguo Village's health station in Ren-ai Township (opened December 26, 2012)

### Subsidies for Setting up Medical Stations

Through the "Improvement Plan for Areas Lacking Emergency Medical Resources", medical stations have been set up at Sun Moon Lake and Chingjing Farm. A total of 11 million (USD 370,000) is subsidized annually.

### The National Health Insurance IDS Plan

The NHI's IDS plan was adopted in Ren-ai and Sinyi Townships of Nantou County in August 2000 and July 2001, respectively. Integrated health care is provided to meet the needs of local residents. In addition to 24-hour consultation services, the provision of health care includes: care planning for specific disease management, preventive screening, home medical services, home care, health education and more, as well as continuing to improve capacity for self-care and providing more accessible local health care.

### Rebuilding the Health Station

Due to lack of space in the aging building of Aiguo Village Health Station in the Ren-ai Township, construction of a new building was completed, opening in 2012 (Figures 21, 22).

## 苗栗地區的醫療在地化

為了強化苗栗地區醫療在地化，採行的措施包括：協助設置醫療站、一家醫學中心支援、由健保IDS提供專科醫療、協助衛生所（室）重擴建等。

### 醫學中心支援

自2013年起，依據辦理「醫學中心支援離島及醫療資源不足地區醫院緊急醫療照護服務獎勵計畫」，由中山醫學大學附設醫院支援苑裡李綜合醫院；2013至2015年度共計核定補助四千八百萬元。

### 協助設置醫療站

依據辦理「緊急醫療資源不足地區改善計畫」，於泰安鄉溫泉區、泰安鄉雪見遊憩區、南庄鄉，分別設置觀光地區急診醫療站，每年補助一千萬元。

### 健保IDS計畫

泰安鄉自2001年十一月起，在衛生福利部中央健康保險署規劃下，以「全民健康保險山地離島地區醫療給付效益提昇計畫」（IDS）的模式提供醫療服務。在象鼻村衛生室設置的醫療站，提供週一至週日專科駐診服務、每月兩次專科巡迴醫療服務、預防保健、疾病篩檢、衛生教育等服務，並以病人家戶為中心觀念，導入家戶健康管理。此外，於前山泰安鄉衛生所，提供每週週一及週三的夜間專科門診服務。

## Localization Strategies for Health Care in the Miaoli Area

To localize health care in the Miaoli area, medical stations have been established and one medical center supports the area, providing specialty medical care through the NHI's IDS plan. We have also assisted with the reconstruction of health centers (stations).

### Supported by Medical Centers

Since participating in "The Medical Center Support Project" in 2013, Yuanli Lee General Hospital has been supported by the Chung Shan Medical University Hospital and a total of NTD 48 million (USD 1.6 million) in subsidies have been provided for the period from 2013 to 2015.

### Subsidies for Setting up Medical Stations

Implementing the "Improvement Plan for Areas Lacking Emergency Medical Resources," emergency medical stations have been set up in tourist areas at the hot springs, Xuejian Recreational area of the Shei-Pa National Park and Nanzhuang Township in Taian County. A total of NTD 10 million (USD 340,000) is being provided annually to make this possible.

### The National Health Insurance IDS Plan

Since adopting the National Health Insurance IDS plan in November 2001, the Xiangbi Health Station has been established with health care provided under the IDS. The health station provides specialty medical care from Monday to Friday, twice-a-month mobile sub-specialty medical services, preventive care, health education and other services using a household-centered approach for better family health care. In addition, evening outpatient medical services on Monday and Wednesday are also available at the Taian County Health Center.



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23 苗栗縣泰安鄉象鼻村衛生室。（2010年十一月二十三日啟用）  
Xiangbi Village's health station in Taian Township (opened November 23, 2010)

### Rebuilding the Health Station

Due to lack of space and the old building of Xiangbi Village's health station in Taian Township, funds for construction of a new building were applied in 2008. The building was completed for opening in 2010, enhancing the quality of health care to the remote mountainous areas of Taian Township (Figure 23).

### 協助衛生室重擴建

泰安鄉的象鼻村衛生室因建築老舊、空間不足，為了提昇泰安鄉偏遠的後山地區醫療服務品質，2008年申請重建，並於2010年度完工啟用（圖23）。



### 第三節 | 醫學中心支援

自2012年起，醫學中心的任務指標增列「配合國家衛生醫療政策，提升醫療資源缺乏地區急重症照護品質」試辦項目，醫學中心必須輔導或協助偏遠離島醫療資源不足地區醫院，提昇偏鄉緊急醫療及急重症照護品質。

2013至2015年度，推動醫學中心支援離島及醫療資源不足地區醫院緊急醫療照護服務，由十九家頂尖的醫學中心負起社會責任，全面支援每萬人二十床以下地區的醫院，並列入評鑑任務指標，以輔導偏鄉離島醫院，期使全國醫療品質更為平均分布。

該計畫共計補助六十七名專科醫師，提供急重症服務，指定的十九家醫學中心，必須支援十七家醫療資源不足地區醫院急診與相關急重症的醫師人力，協助離島及醫療資源不足地區的醫院，達成「醫院緊急醫療能力分級標準」的各項緊急醫療能力要求，以提昇醫療照護品質（圖24、表10）。

## 大大提昇偏遠醫院的急重症處理能力

目前，連江縣由亞東醫院及萬芳醫院支援、金門縣由臺北榮總醫院及林口長庚醫院支援、澎湖縣由三軍總醫院、奇美醫院及高雄長庚醫院支援，協助離島地區醫院提昇急重症照護能力，降低嚴重及緊急傷病患轉診人次。迄今屏東、澎湖與金門等地已有具體成效，甚至，連江縣因此在2013年遠見雜誌「醫療衛生」調查項目，高居民眾滿意度全國之冠。

偏鄉地區急重症醫師的招募及留任有其困難，以致早期偏遠地區醫院風

### Section 3 | Providing Support from Medical Centers

Since 2012, "National health care policies for improving the quality of emergency and critical care in areas with insufficient medical resources" have been included among medical center accreditation indicators. The pilot project asks medical centers to take mandatory responsibility for providing guidance or assistance to rural or offshore hospitals with insufficient medical resources. The project aims to improve emergency critical care in rural areas.

"The Medical Center Support Project "for Areas Lacking Medical Resources" was launched in 2013 and is set to continue to 2015. In total, 19 leading medical centers took up this social responsibility and fully support rural hospitals with less than 20 beds per 10,000 population. This service is also included in accreditation indicators so as to assist the development of rural and offshore hospitals, making healthcare distribution more even around Taiwan. The 19 medical centers have designated physicians to support 17 regional hospitals nationwide in emergency medical care (Figure 24, Table 10). The project provided a total of 67 specialty physicians to provide emergency and critical care to help the regional hospitals reach Intermediate or Advanced Emergency Responsibility Hospital capability.

## Substantially Enhance Emergency Critical Care Capability

Currently, Lienchiang County is supported by Far Eastern Memorial Hospital and Wan Fang Hospital. Kinmen County is supported by the Taipei Veterans General Hospital and Chang Gung Memorial Hospital. Penghu County is supported by the Tri-Service General Hospital, Kaohsiung Chang Gung Memorial Hospital, and Chi Mei Hospital to enhance emergency critical care capability, reducing the number of referrals of critical and emergency patients from offshore hospitals. Currently, Pingtung, Penghu and Kinmen have demonstrated concrete achievements. Lienchiang County was awarded the highest public satisfaction level for health

評不佳的觀念深植人心，多數人對於醫生經驗與院方儀器總是缺乏信心，如有嚴重病人，都會轉診到都會地區。

衛生福利部近年推動醫學中心支援偏鄉計畫之後，透過醫學中心的協助，已大大提昇偏遠地區醫院的急重症處理能力，民眾對於偏遠地區醫院的醫療照護更有信心，滿意度升高，願意留在當地治療，而減少跨區就醫奔波之苦，對搶救病患生命、減輕家屬照顧的負擔助益甚大。

透過「醫學中心支援離島及醫療資源不足地區醫院緊急醫療照護服務獎勵計畫」，補助十九家醫學中心、支援五十二名專科醫師、以及在地醫院自聘十五名醫師的費用。

表10 | 十九家醫學中心支援十七家醫療資源不足地區醫院情形(2014年五月)

縣市	支援醫院(醫學中心)	接受支援醫院	中度級急救責任醫院	重度級急救責任醫院
連江縣	萬芳、亞東	連江縣立醫院		
金門縣	北榮、林口長庚	金門醫院	V	
澎湖縣	奇美、高雄長庚	澎湖醫院	V	
	三總	三總澎湖分院	V	
臺東縣	慈濟、國泰、馬偕	馬偕醫院臺東分院	V	
屏東縣	高醫	恆春旅遊醫院		
	高榮	恆春南門醫院		
高雄市	高醫	旗山醫院	V	
雲林縣	臺大	臺大雲林分院		V
	成大、亞東	若瑟醫院	V	
	中國醫大	中國醫大北港媽祖醫院		
南投縣	中國醫大	竹山秀傳		
	中榮	南投醫院	V	
	彰基	佑民醫院	V	
苗栗縣	中山附醫	苑裡李綜合醫院	V	
新竹縣	新光	湖口仁慈醫院		
	臺大	臺大醫院竹東醫院		

services in Global View Magazine in 2013.

The long history of inability to recruit and retain emergency physicians in rural areas has given the quality of service in these areas a bad reputation. Most people have low confidence in these physicians and the medical equipment, so they prefer to be referred to hospitals in metropolitan areas. In recent years, after the MOHW launched "The Medical Center Support Project ", the rural hospitals have greatly improved their quality of emergency critical care and the public has gained

Table 10 | Level of support from 19 medical centers to hospitals in areas lacking medical resources ( May 2014)

County	Supporting MC	Hospitals	Intermediate	Advanced
Lienchiang	Wanfang Hospital, Far Eastern Hospital	Lienchiang County Hospital		
Kinmen	Taipei Veterans General Hospital, Linkou Chang Gung Memorial Hospital	KinMen Hospital	V	
Penghu	Chimei Medical Center, Kaohsiung Chang Gung Memorial Hospital	Penghu Hospital	V	
	Tri-service General Hospital	Tri-service General Hospital Penghu branch	V	
Taitung	Tzu Chi, Cathay, McKay	McKay Memorial Hospital Taitung Branch	V	
Pingtung	Kaohsiung Medical University Chung-Ho Memorial Hospital	Hengchun Tourism Hospital		
	Kaohsiung Veterans General Hospital	Nan Men Hospital (Hengchun)		
Kaohsiung	Kaohsiung Medical University Chung-Ho Memorial Hospital	Cishan Hospital	V	
Yunlin	National Taiwan University Hospital	National Taiwan University Hospital Yunlin Branch		V
	National Cheng Kung University Hospital, Far Eastern Hospital	St Joseph's Hospital	V	
	China Medical University Hospital	China Medical University Beigang Hospital		
Nantou	China Medical University Hospital	Chu Shang Show Chwan Hospital		
	Taichung Veterans General Hospital	Nantou Hospital	V	
	Changhua Christian Hospital	Yumin Hospital	V	
Miaoli	Chung Shan Medical University Hospital	Lee General Hospital Yuanli Branch	V	
Hsinchu	Shin Kong Wu Ho-Su Memorial Hospital	Catholic Mercy Medical Foundation – Mercy Hospital (Hukou)		
	National Taiwan University Hospital	National Taiwan University Hospital Chutung Branch		

24 | 醫學中心支援輔導達成中度或重度級急救責任醫院全國分布圖

Distribution of hospitals in Taiwan that have passed the Intermediate or Advanced Emergency Responsibility Hospital Assessment with the guidance of medical support centers



confidence and satisfaction in these hospitals through the assistance from the urban medical centers. This has increased patients' willingness to stay for local treatment, while reducing the inconvenience of traveling across cities for medical care. It was a great improvement in saving lives and reducing the burdens of family care.

"The Medical Center Support Project" has subsidized the fees of 19 medical centers, which provide support with 52 specialty physicians, and for local hospitals employing 15 physicians. National Taiwan University Hospital's Yunlin Branch passed the Advanced Emergency Responsibility Hospital Assessment in 2013; while Kinmen Hospital, Penghu Hospital, Hengchun Tourism Hospital, and Nantou Hospital—a total of nine hospitals in all—were able to attain their status as Intermediate Emergency Responsibility Hospital, providing the timely health care to local people with remarkable results.

藉由此項計畫，2013年度已輔導臺大醫院雲林分院成為重度級急救責任醫院；衛生福利部金門醫院、衛生福利部澎湖醫院、衛生福利部恆春旅遊醫院、衛生福利部南投醫院等九家醫院，也能繼續維持中度級急救責任醫院的水準，對於當地民眾生命的及時搶救，成效卓著。

前述十九家醫學中心支援、輔導十縣市共十七家醫院，達成中度或重度急救責任醫院，迄今達成率近六成，有十家已通過中度或重度級急救責任醫院。



## 支援偏鄉離島案例

醫學中心支援偏鄉離島計畫自推動以來，發生過大大小小各種相關案例，其中不乏千鈞一髮之際及時救命的故事，例如，臺東縣一名三十多歲的民眾，因車禍造成大腿嚴重撕裂傷動脈斷裂，病患送到臺東馬偕醫院時，立即啟動創傷小組，快速送入手術室，由醫學中心支援計畫的心臟血管外科醫師，快速縫合腿部大動脈，搶救病患血壓心跳維持生命，病患經救治後已平安出院。

又如，金門縣一位路倒民眾，由消防隊送到衛生福利部金門醫院時，已呈現到院前死亡，經過急診室由醫學中心支援專科醫師專業和即時的搶救後，恢復呼吸與心跳，並透過醫師精準的診斷，進行後續治療，康復後不致產生後遺症，家屬對於院方深表感謝。

## Specific Cases of Offshore Hospitals Receiving Support from Urban Medical Centers

Ten of 17 hospitals across ten counties—about 60%—have become Intermediate or Advanced Emergency Responsibility Hospitals through the support from 19 medical centers. Specific cases in which offshore hospitals received support from medical centers are described as follows:

In Taitung County, a 30-year-old patient was sent to the emergency department of Mackay Memorial Hospital's Taitung branch due to a car accident causing severe thigh lacerations with artery rupture. The trauma team responded quickly and sent the patient to the operating room. The vascular surgeon from the medical center performed the surgery on site. During the surgery, the artery was sutured, and the vital signs were stabilized with no complications. The surgery was successful and afterwards the patient was discharged.

In an incident in Kinmen County, the patient was found collapsed on the road and brought to Kinmen hospital by the fire brigade, presenting as a case of out-of-hospital cardiac arrest (OHCA). The physician in the emergency room successfully resuscitated the patient, and provided subsequent treatment based on precise diagnosis. The patient recovered well without complications. The family was very grateful to the hospital.

## 成效與展望

此外，連江縣經2013年遠見雜誌調查「醫療衛生」項目，榮獲民眾滿意度全國之冠，也不是浪得虛名。連江縣立醫院的急診服務，是由萬芳醫院支援，專科醫師全天候駐守於急診室，有別於之前當地醫師於值班室待診的服務模式，病患無需等候即可得到急診服務。此外，該院骨科由亞東醫院支援，四肢單純骨折可以在地治療，無需後送臺灣就醫，對於病患的經濟及家人照顧的負擔，都能顯著減輕。

在澎湖地區，由奇美醫院與高雄長庚醫院兩大醫學中心的資深心臟內科醫師每天支援，指導在地公費養成的心臟科醫師進行治療，讓醫療技術得以在地化與傳承，並且降低因為急性冠心症而緊急空中後送或搭機赴臺就醫的比率。如此一來，不僅降低病患死亡率、減少途中輸送風險，同時也免去病患及家屬舟車勞頓的不便；就社會與人力成本的付出，每年則可省下空中轉診後送的費用約四千萬元，確實是達成提昇偏遠離島地區醫療成效的良策。

未來醫學中心支援計畫將持續推動，輔導在地醫院發展重點科別，以達中、重度級急救責任醫院標準，落實醫療在地化，使偏鄉離島地區醫院的緊急傷病服務品質繼續提昇，當地民眾滿意度增加。

## Effectiveness and Future Prospects

In addition, physicians are stationed around the clock in the emergency room of Lienchiang County Hospital with the support of Wan Fang Hospital. This is different from the service model of the local hospital, where physicians are on duty in the hospital. Patients obtain emergency care without waiting; since Far Eastern Hospital offers orthopedic support, limb fractures can be treated locally, and the financial burden on patients is significantly reduced. As a result, Lienchiang County was rated as having the highest public satisfaction in a national health project survey conducted by Global View Magazine in 2013.

Support from senior cardiologists at Chi Mei Hospital and Kaohsiung Chang Gung Memorial Hospital is provided on a 24-hour basis in the Penghu region. These two medical centers provide training to local cardiologists who are public scholarship recipients, so that these medical skills are localized and passed on. It has reduced the ratio of emergency air evacuations for treatment of acute coronary disease. Not only is the mortality rate and transportation risk reduced for the patients, but the patients and their families can avoid the inconvenience and expense of travel. It has saved about NTD 40 million (USD 1.3 million) in air evacuation fees annually, and has helped achieve the goal of improving medical care in rural and offshore regions.

MOHW's "Medical Center Support plan" will continue to assist local hospitals to develop medical specialties, so they can reach the level of Intermediate or Severe Emergency Responsibility Hospital, localize medical care, and improve quality of emergency care and public satisfaction.