



Global Gold Forum

Mackay Memorial Hospital

Taipei, Taiwan

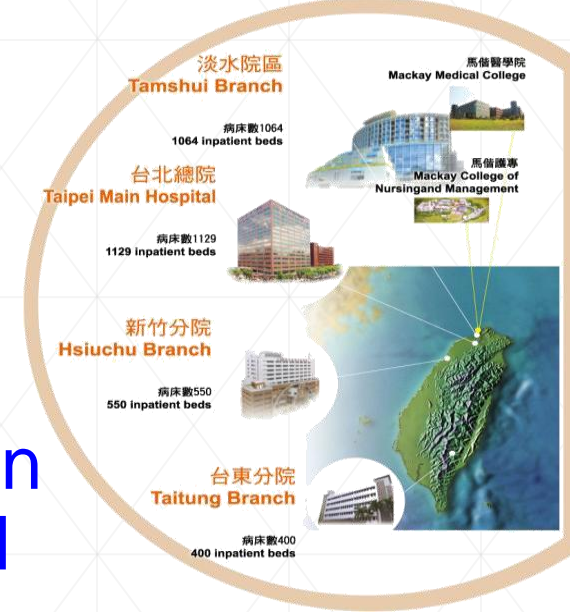
2024.11.06

Wei-Hsin Huang
Community Medical Center Department
Mackay Memorial Hospital



Introduction of Mackay Memorial Hospital

- Mackay Memorial Hospital (MMH) was established in memory of Dr. George Leslie Mackay, a Canadian citizen, who arrived in Tamshui and began medical missionary work in 1872.
- Mackay Memorial Hospital was set up in 1911. MMH is a medical center.
- We also have Tamshui, Shinchu and Taitung branches in Taiwan. We are all Presbyterian church hospitals.



Dr. Mackay



馬偕紀念醫院
MacKay Memorial Hospital



The features and highlights of our hospital

1. “MacKay tobacco cessation week” event
2. Warning buzzer system for smoking
3. Tobacco cessation case management system
4. Continue to recruit hospital staff to participate in smoking cessation services



MacKay Tobacco Cessation Week

“MacKay Tobacco Cessation Week” has been held every year during the week of May 31 (World No-Tobacco Day) since 2007.



MacKay Tobacco Cessation Week Event



Making the declaration for a Tobacco-Free Hospital



Cancer screening services



Tobacco hazard prevention lectures



Mobile clinics for smoking cessation services



Counseling and CO checking for tobacco cessation



Warning buzzer system for smoking

During the 2018 MacKay Tobacco Cessation Week, we invited city officials to our opening ceremony for the warning buzzer system.



The warning buzzer launching event



Invited the City Deputy Director of Health to MacKay Tobacco Cessation Week event

“No Smoking” signs are placed throughout the hospital



Anyone who wishes to warn someone smoking in a prohibited area can press the button.



The warning buzzer:

Dear patients and their families, our hospital is a tobacco-free hospital and all smoking is prohibited. All areas within the yellow line of the hospital are non-smoking areas. Violators will be fined up to NT\$10,000 in accordance with the Tobacco Hazards Prevention Act.

Smoking is harmful to health. To protect your health, please do not smoke. If you need to quit smoking, please go to our hospital's smoking cessation clinic for professional assistance.

Thank you for your cooperation.



The warning buzzer system receiving recognition at the “Ministry of Health and Welfare Health Promotion Innovation Contest” event.

AI世代！勸導禁菸『按一下』，就好

馬偕紀念醫院 家庭醫學科/社區醫學中心 曹啟雄主任 呂伯謙醫師

前言與背景

- 世界衛生組織指出，菸草在全世界每年奪去 800 多萬人生命，其中有 700 多萬人歸因於直接使用菸草，有大約 120 多萬人屬於接觸二手菸的非吸菸者。
- 我國吸菸人口數約300萬人，每年因菸草死亡人數約2萬5000人。
- 馬偕紀念醫院為我國的無菸醫院之一，但島外的花蓮區仍舊有吸菸者與煙，除了有礙觀瞻，也造成醫院因民衆投訴而被罰款。

執行策略

- 警衛直接口頭勸戒菸者，容易造成與民衆口角衝突，若另派稽核小組專職帶領不勸戒菸者的效果，持續溝通宣導也可能因聽久了而麻痺。
- 為主動出擊，減少衝突，並增加戒菸效果及維護醫院無菸環境，才想到要設計全區實施的「**勸導禁菸鈴**」。
- 「勸導禁菸鈴」設置2處：於台北馬偕-急診門口六角亭/淡水馬偕-馬偕樓大門。

錄影

廣播

「戒菸的誘惑及戒煙不難，本院為無菸醫院全面禁菸，除區紅燈設置大量禁菸鈴區，連警衛依據禁菸制度規定，主動出擊以新創第一萬元經費，再二次提議您，您對禁菸計畫，為維護您的健康請勿吸菸，若您有戒菸需求，請至本院戒菸門診尋求專業協助，歡迎您的配合。

測量方法

- 固定每周統計清除菸蒂，並且進行秤重。
- 每周計算禁菸次數，分析禁菸高潮時間。
- 觀察吸菸者轉到廣播維持的高潮。

資源分工與策略規劃

108年七月續續禁菸名單，副院長擔任召集人，協理於禁菸。

- 副院長擔任禁菸名單，副院長擔任召集人，協理於禁菸。
- 強化行動主動禁菸宣導推廣
- 強化行動主動禁菸區區民衆禁菸教育
- 禁菸廣播提供健康資訊普及化民衆認知
- 禁菸廣播提供健康資訊普及化民衆認知

計畫成效與效益

表1. 此為禁菸的數量(Kg) - 禁菸鈴區、禁菸鈴區禁菸的統計表

禁菸鈴區	馬偕紀念醫院 禁菸鈴區 禁菸				
	108	9	8	7	10
第一區	8.4	8.9	6.2	5.8	-
第二區	7.1	5.4	7.1	6	-
第三區	6.8	6.1	6.8	5.5	-
第四區	6.3	6.8	5.9	-	-
總計	28.6	28.2	26	17.3	-

表2. 淡水馬偕禁菸量(Kg)統計表

日期	每日平均菸蒂量(g)
設置前	275
108/8	215
108/9	206
108/10	189

一公斤 = 2000個菸蒂

計畫之整體價值

- 創新性**：全區禁菸，有廣播及禁菸功能。禁菸不制煙量，減少衝突。提供熱心民衆勸戒管理。
- 重要性**：減少病人與民衆吸入二手菸，提升健康。推廣民衆健康意識。提升醫院觀感，減少醫院遭到檢舉的困擾。擴大禁菸醫院聲力。
- 未來性**：本計畫將參考第一年度執行成果，全區各方建議繼續執行檢討與修正，作爲制定新一代禁菸鈴設置之參考依據。將採用最新科技如人工智慧及熱點管理，以減少人工統計的困擾。
- 推廣性**：馬偕醫院設置的禁菸可推廣至全台醫院使用。望可以推廣設置在公共場所、車站、轉運民衆搭乘禁菸的公共禁菸點。

馬偕紀念醫院 MacKay Memorial Hospital



Receiving recognition at the award ceremony

Contest poster



Tobacco Cessation Case Management System

The medical record information includes a smoking history section, and a screen reminder will pop up during each outpatient visit to ask the patient about the smoking status.

癌症篩選提示 1070118V1

病歷號碼 [REDACTED] 年齡 43歲 確定(OK)

糞便潛血檢查
訊息提示內容

列印說明單 非篩檢病患(不適用) 他院已做過 有意願 暫時無意願

口腔黏膜檢查
本病患年齡符合檢查資格,若有 抽菸(電子煙) 或 嚼檳榔 且二年內未於本院做過【口腔黏膜檢查資格】,請建議您的患者依檢查說明單,指定科別診間地點檢查!

非篩檢病患(不適用) 非高危險群 他院已做過 有意願 暫時無意願

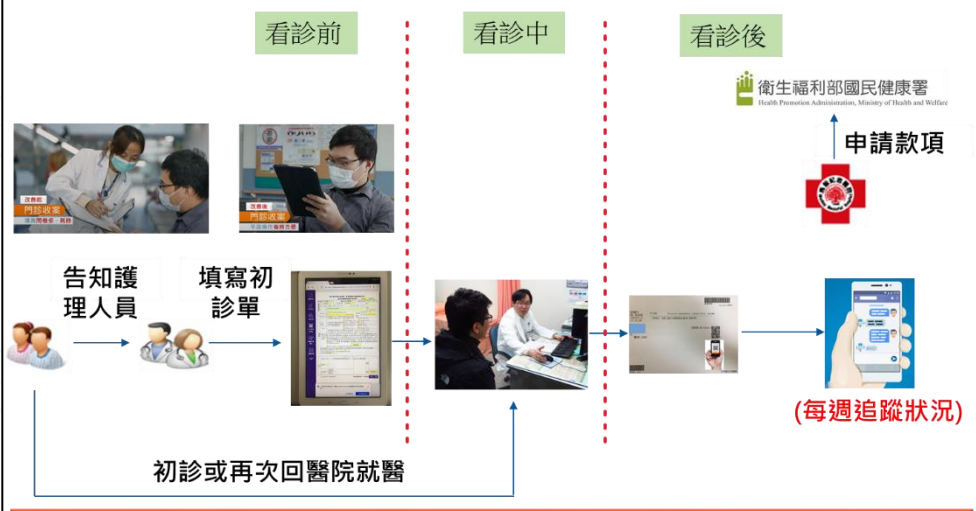
18歲以上檳榔暨吸菸健康行為登錄

是否有抽菸(含電子煙)的習慣 [] 是否有嚼檳榔的習慣 []

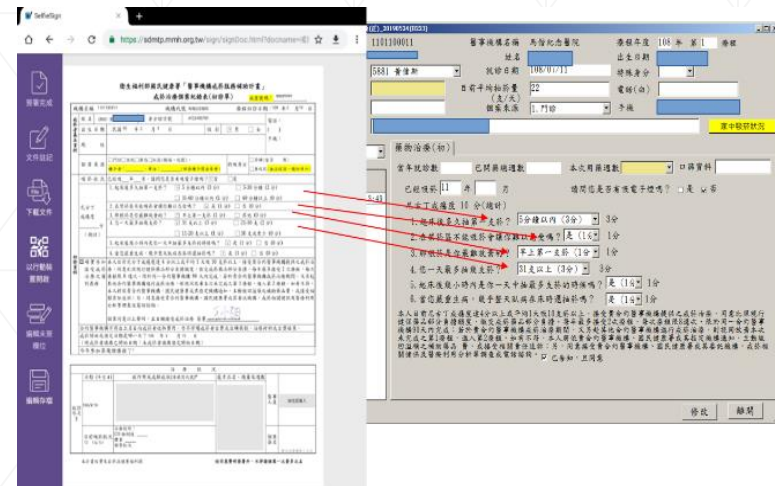
是否有抽菸(含電子煙)的習慣 [] 是否有嚼檳榔的習慣 []

Tobacco Cessation Case Management System

門診端一個案看診流程



Procedure in the tobacco cessation clinic



Electronic tobacco cessation record for the patient

Smoking information transfer from tablet to medical record.



The electronic system of tobacco cessation was displayed and shared at the Taiwan Health Technology Exhibition in 2021.



門診端



紙本收案電子化
簡化醫師看診流程

病房端



整合戒菸會診系統
節省衛教師資料整理負擔

戒菸個案端



衛教追蹤便利化
提供民眾雙向溝通管道



Recruiting hospital staff to participate in smoking cessation service

105 doctors are qualified as smoking cessation doctors.

12 pharmacists and 24 nurses are qualified for being high-level smoking cessation counselors.



Physician Certificate in Smoking Cessation

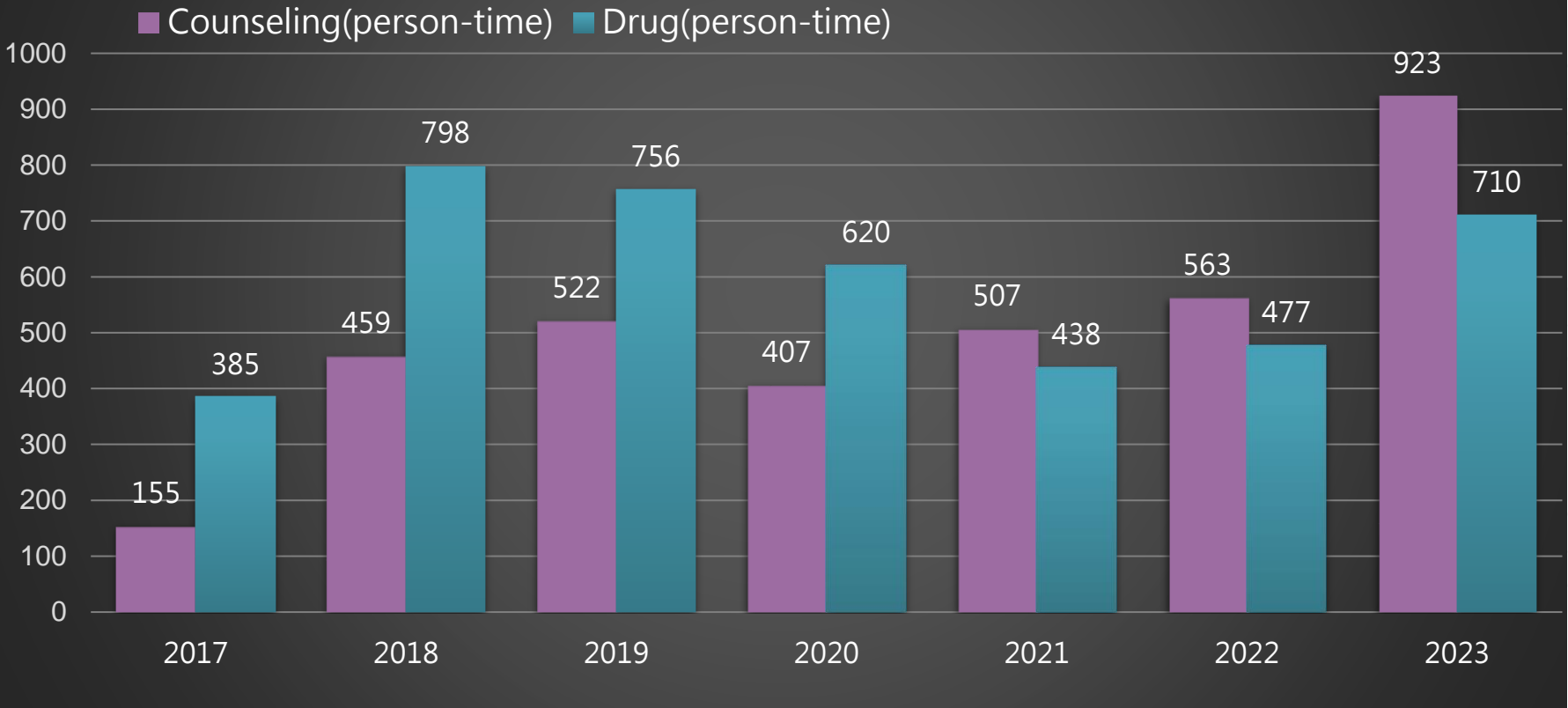


Smoking cessation education certificate

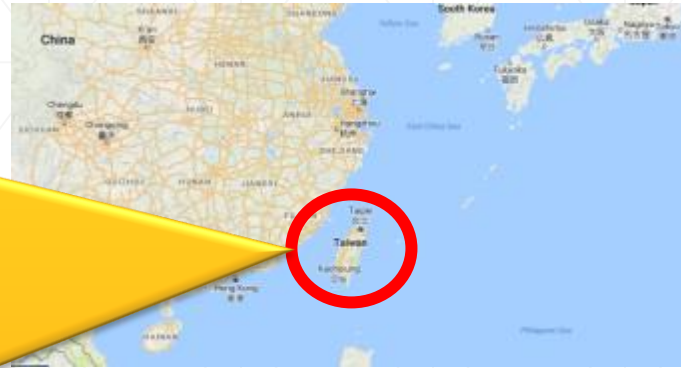


Smoking cessation services continue to grow

2017-2023 Number of people served



Thank you!



TAIWAN

