

EMR Search 操作說明



彰化基督教醫院
CHANGHUA CHRISTIAN HOSPITAL



X

ASUS

AICS

使用路徑

路徑:彰基2000 – 病歷管理 – ASUS EMR Search

彰化基督教醫院 醫療資訊系統

我的最愛 可用功能(索)

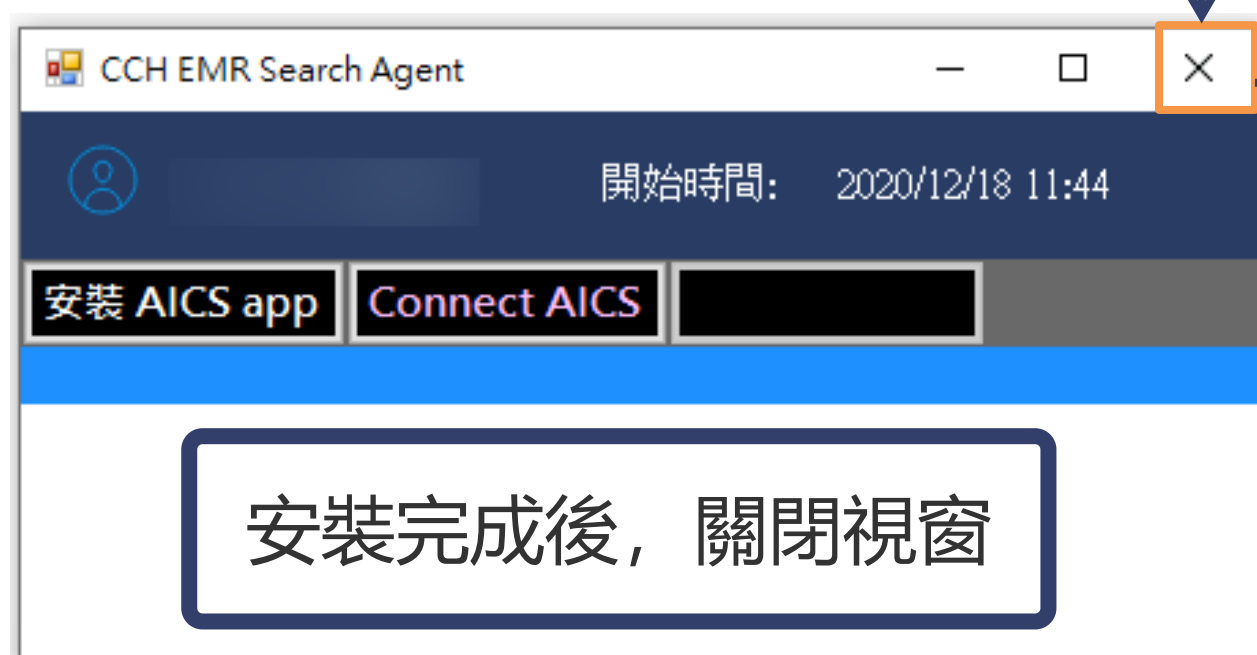
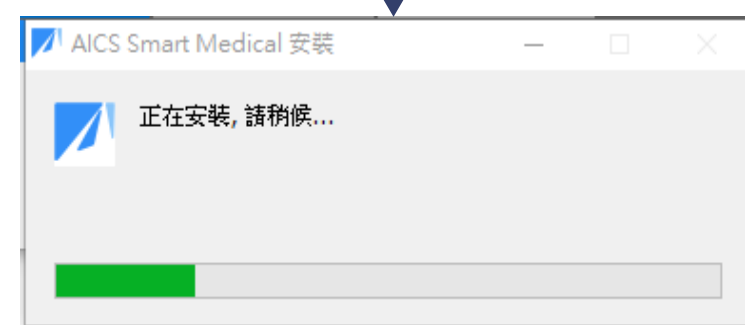
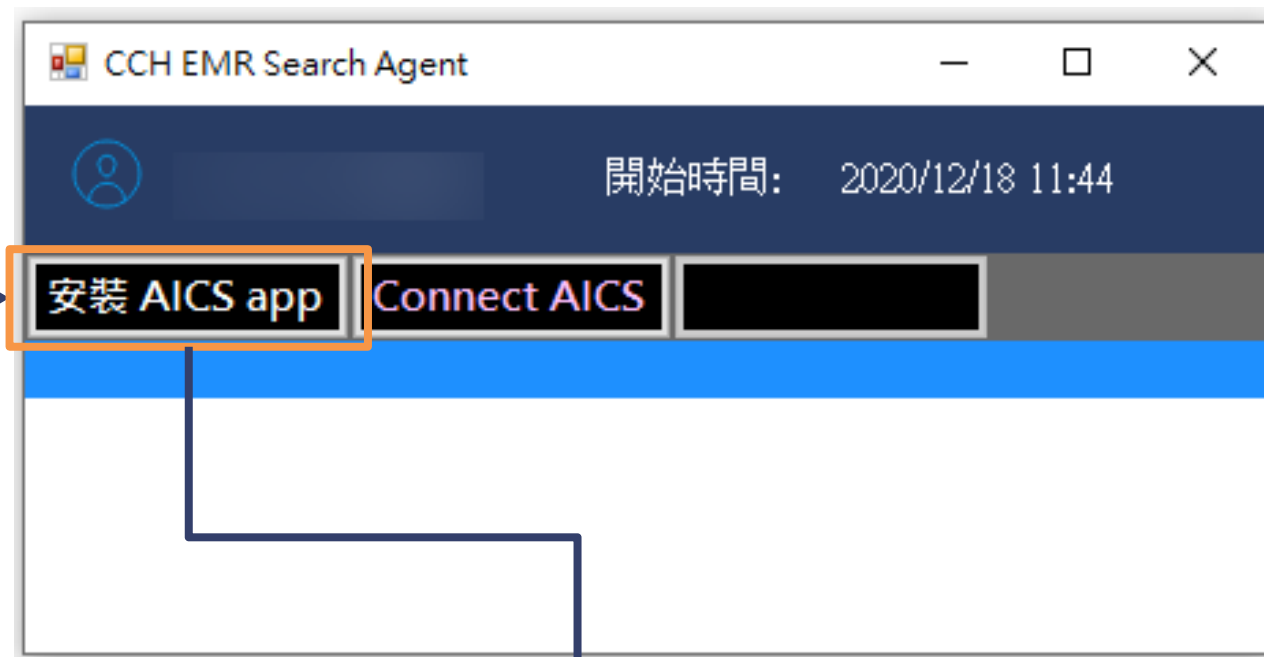
	【臨床照護】	【醫事服務】	【行政管理】	【系統管理】
個人功能	急診系統	掛號系統	人事系統	系統管理
個人訊息	門診醫囑	轉診系統	全院教育訓練	
更換使用者	住院醫囑	門診批價收費	員工伙食	
個人密碼	ICU 臨床資訊	住院批價收費	採購系統	
電子病歷簽章	會診系統	病床管理	庫存系統	
鎖定畫面	血庫管理系統	病歷管理	財務會計	
登出系統	檢驗系統	疾病分類	員生醫院財會	
	檢查系統	健保申報	成本會計	
	生理檢查排程	收費基本資料	固定資產系統	
	護理作業	收據重印	其他行政系統	
	衛教指導	洗布, CSSD 醫器材	危機處理	
	醫護計劃	智能系統	醫院評鑑暨認證推動	
	手術室作業	TPN系統		

我的最愛 可用功能(索) 病歷管理

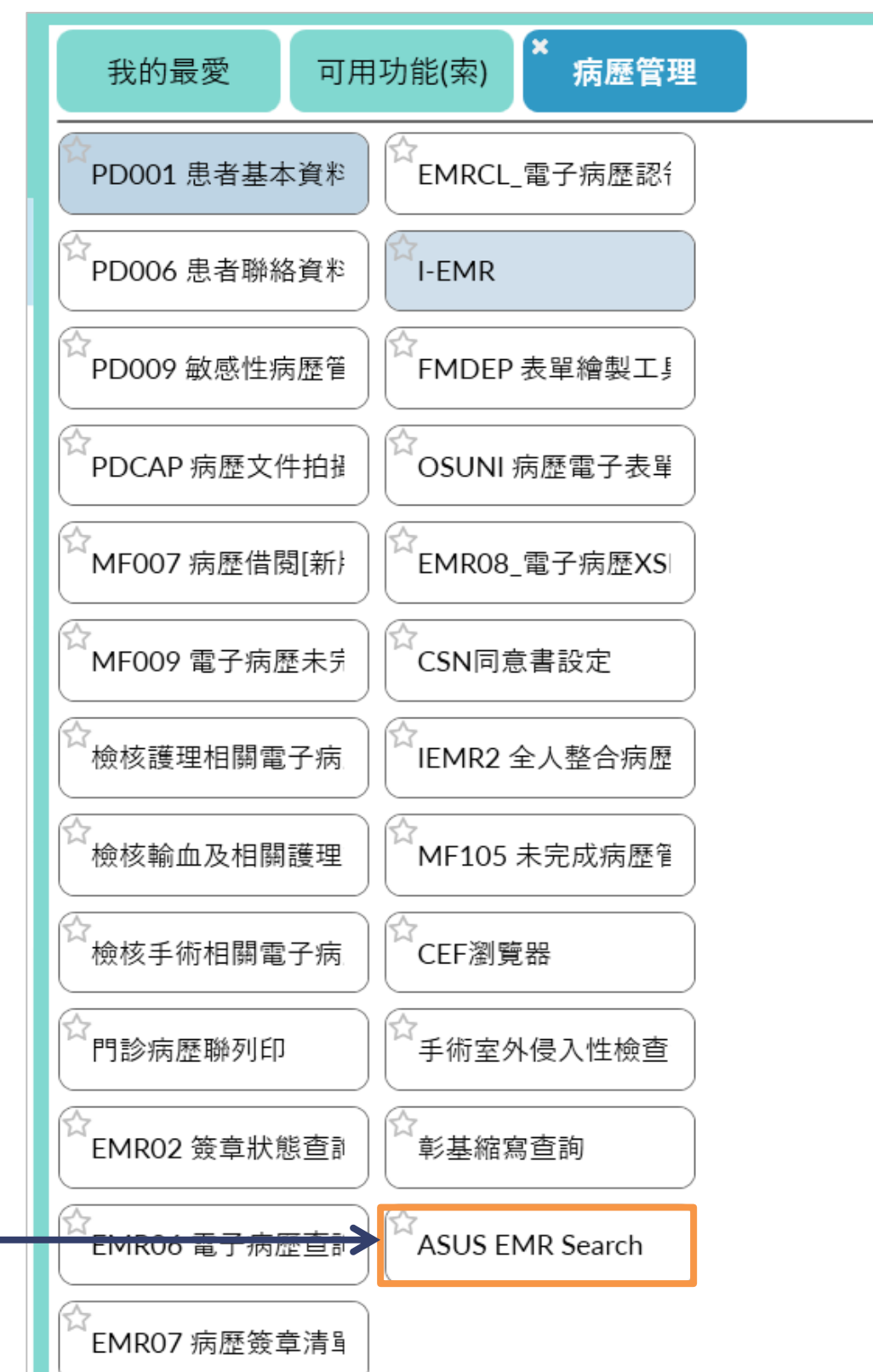
PD001 患者基本資料	EMRCL_電子病歷認
PD006 患者聯絡資料	I-EMR
PD009 敏感性病歷管	FMDEP 表單繪製工
PDCAP 病歷文件拍	OSUNI 病歷電子表單
MF007 病歷借閱[新]	EMR08_電子病歷XS
MF009 電子病歷未	CSN同意書設定
檢核護理相關電子病	IEMR2 全人整合病歷
檢核輸血及相關護理	MF105 未完成病歷管
檢核手術相關電子病	CEF瀏覽器
門診病歷聯列印	手術室外侵入性檢查
EMR02 簽章狀態查詢	彰基縮寫查詢
EMR06 電子病歷查詢	ASUS EMR Search
EMR07 病歷簽章清	
EMRSG 電子病歷簽	

首次使用

需先點選
安裝AICS app

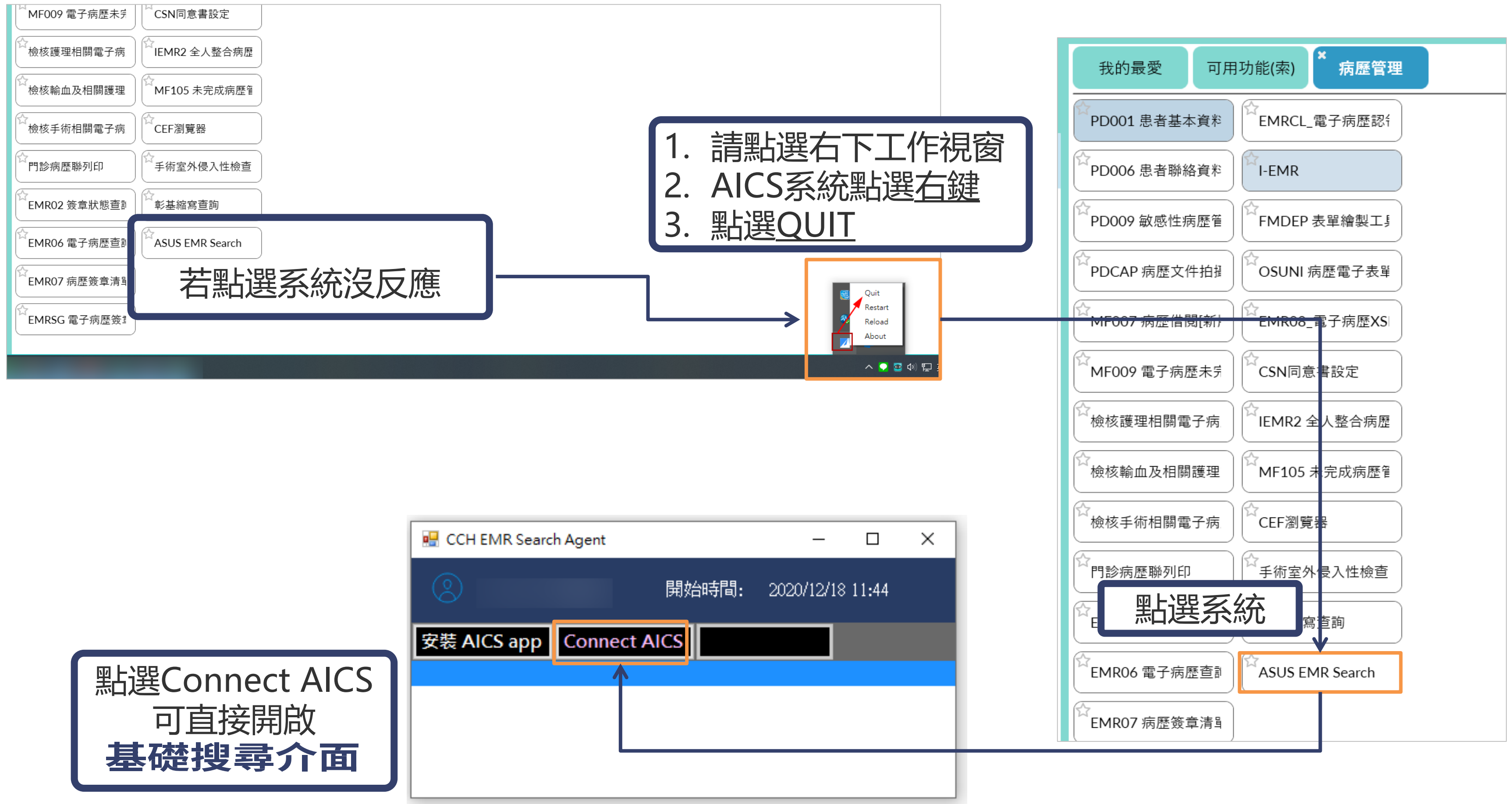


安裝完成後, 關閉視窗



直接點選系統可直接開啟
基礎搜尋介面

問題排除



涵蓋資料及搜尋方式

- 資料包含住院病歷檔、住院申報主檔、住院申報明細檔、門診病歷檔、門診申報主檔、門診申報明細檔、檢驗報告檔、檢查報告檔、病理檢查報告檔、住院手術檔...等
- 基礎搜尋介面(首頁)：可經由結構化資訊(診斷、藥物、手術)的 AND/OR/NOT 語法，查找符合之病歷
- 搜尋結果呈現頁面：可經由點選統計資訊、篩選初次檢驗值、病歷資料內容的文字搜尋，查找符合之病歷

By Record

找出符合條件的病歷

基礎搜尋介面

Patients	6,055	Records	185,586
Inpatients	2,185	Inpatient records	2,644
Outpatients	5,981	Outpatient records	182,942

即時顯示目前搜尋的病患數/病歷數
住院與門(急)診病患數/病歷數

C50 x OR

AND Medication OR

AND Procedure OR

搜尋：診斷碼/藥物/手術，每個條件
可選擇 AND/OR 搜尋符合的病歷

EXCLUDE Diagnosis Diagnosis OR

設定病歷的排除條件

TIME PERIOD 2012/01~2020/07

AGE 0~100+

可選擇搜尋時間/病人年齡區間條件

SEARCH

Include any diagnosis

診斷碼搜尋設定: top1/5/any 診斷碼

統計頁面

統計病患的 demographic 及共病、用藥、手術碼、異常檢驗值、住院天數、住院symptom...等



Lab 頁面

顯示「搜尋到的門住診紀錄」時的初次檢驗值

ASUS | AICS EMR Search v1.6

Patients: 2,893 | Records: 106,902

Inpatients: 927 | Inpatient records: 10,902

Outpatients: 2,842 | Outpatient records: 96,000

Diagnosis: C50 | Time Period: 2011/01~2011/12

Total 2,893 patients · 106,902 records

Primary | **Labs** | Inpatient EMR | Outpatient EMR

可匯出檔案

EXPORT

可查找檢驗項目

Blood

Lab data filter (use ; as delimiter)

Patient ID	CRE (mg/dl)	ALT (u/l)	ALT (iu/l)	WBC (*10 ³ /ul)	Hb (g/dl)	PL (*10 ³ /ul)	Ht (%)	MCV (fl)	RBC (*10 ⁶ /ul)	MCH (pg)	MCHC (g/dl)	MCHC (%)	RDW-CV (%)	PDV (fl)
3AFA8E1803AA				5.48	11.9									
B5C9DD066E10		33												
5A7459E98325														
59C84097A818														
6D03BE5C86B1	0.8	39		7.27	14.6	277	44.5	90.3						
D6E0C96D005E	0.5	18		6.27	15.1	266	43.9	89.6						

可過濾 lab data

Filter Lab Value Range

Greater than or equal to u/l

Less than or equal to u/l

符合搜尋條件的病人

Patient EMR

顯示各病患門診病歷紀錄及入出院病摘

The screenshot shows the EMR Search v1.6 interface. At the top, there are statistics for Patients (2,893), Records (106,902), Inpatients (927), and Inpatient records (4,426). The main navigation includes 'Labs', 'Inpatient EMR', and 'Outpatient EMR'. A search bar is present with a 'keyword search' input and a search icon. Below the search bar, there are several filter buttons: 'Discharge Diagnosis', 'System Review', 'Chief Complaint', 'History', 'Physical Examination', 'Treatment', 'OP Note', 'Image Exam', and 'Pathology'. The main content area displays a list of patient records with columns for Patient ID and medical history. Annotations in Chinese are overlaid on the interface:

- 入出院病摘** (Inpatient/Outpatient Summary) points to the 'Inpatient EMR' and 'Outpatient EMR' buttons.
- 門診SOAP** (Outpatient SOAP) points to the 'Outpatient EMR' button.
- 文本搜尋(可選擇搜尋欄位)** (Text Search (selectable search fields)) points to the search bar.
- 進階搜尋語法** (Advanced Search Syntax) points to the search bar.
- 可切換入出院病摘欄位** (Can switch inpatient/outpatient summary fields) points to the 'Discharge Diagnosis' button.
- 點選後可查看該病患完整病歷** (Click to view the patient's complete medical history) points to a patient ID in the list.

病患完整就醫史

時間軸顯示特定病人於院內門急診及住院就醫史



點擊後可查看當次病歷紀錄

EMR Detail
9AABA2A7C39A

Date
2016/02/03

ICD-10
C50.911 Malignant neoplasm of unspecified site of right female breast
J06.9 Acute upper respiratory infection, unspecified

ICD-9
174.9 Malignant neoplasm of female breast, unspecified
465.9 Acute upper respiratory infections of unspecified site

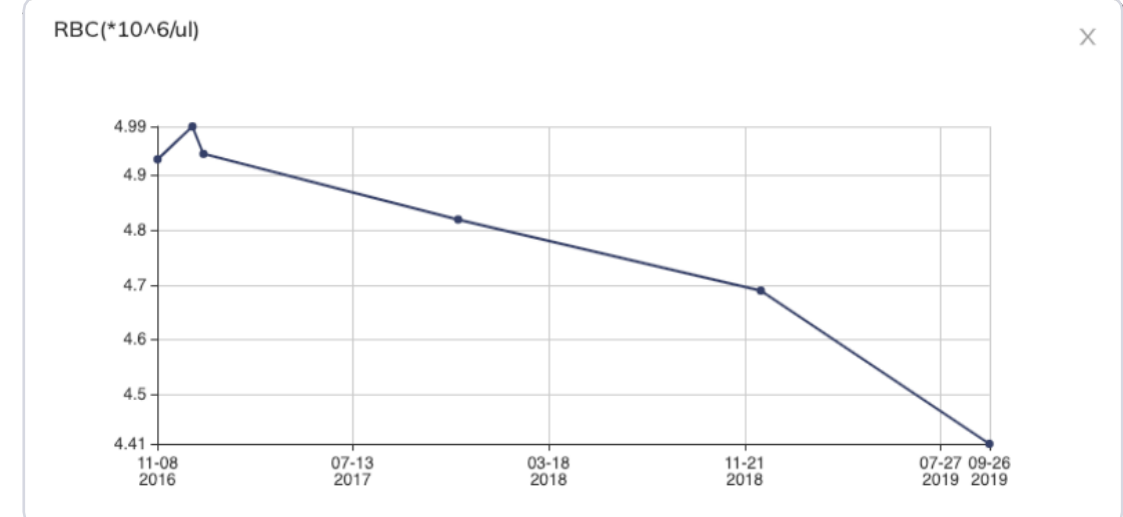
Section
一般外科

Medication
Cough Mixture (Platycodon) 鎮咳祛痰液 120 mL/bot
LacTAM 500mg/tab (Acetaminophen)

Clinical Note

breast lump

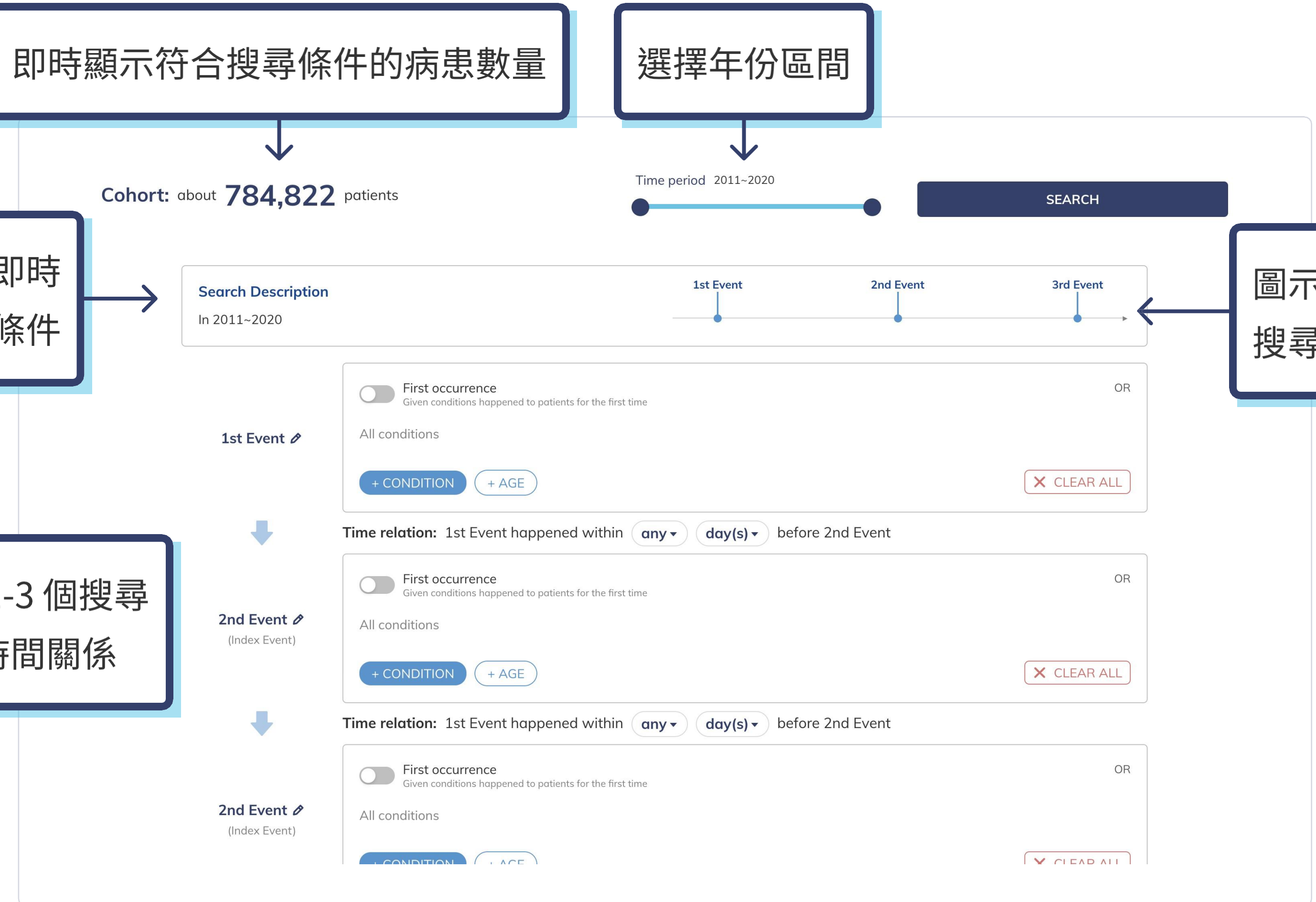
點擊查看檢驗值趨勢



By Event

藉由定義時間關係搜尋符合的病人世代

搜尋介面



即時顯示符合搜尋條件的病患數量

選擇年份區間

Cohort: about **784,822** patients

Time period 2011~2020

SEARCH

文字敘述即時
呈現搜尋條件

Search Description
In 2011~2020

1st Event

2nd Event

3rd Event

圖示即時呈現
搜尋條件關係

可以設定 1-3 個搜尋
條件以及時間關係

1st Event

First occurrence
Given conditions happened to patients for the first time

OR

All conditions

+ CONDITION + AGE

CLEAR ALL

Time relation: 1st Event happened within any day(s) before 2nd Event

2nd Event
(Index Event)

First occurrence
Given conditions happened to patients for the first time

OR

All conditions

+ CONDITION + AGE

CLEAR ALL

Time relation: 1st Event happened within any day(s) before 2nd Event

2nd Event
(Index Event)

First occurrence
Given conditions happened to patients for the first time

OR

All conditions

+ CONDITION + AGE

CLEAR ALL

條件設定

Cohort: about **161** patients

Time period 2011~2020

SEARCH

Search Description

In 2011~2020
patient diagnosed **C50**
then
took **ONOLV, KNOLV01**
then
diagnosed **N85.0**

C50

ONOLV, KNOLV01

N85.0

限定搜尋條件為第一次發生

First occurrence
Given conditions happened to patients for the first time

C50

DX C50

+ CONDITION

+ AGE

設定該條件發生年齡

Time relation: C50 happened within **any** **day(s)** before ONOLV, KNOLV01

First occurrence
Given conditions happened to patients for the first time

ONOLV,
KNOLV01
(Index Event)

MD ONOLV MD KNOLV01

+ CONDITION

+ AGE

設定不同事件之間的
時間關係

Time relation: N85.0 happened within **any** **day(s)** after ONOLV, KNOLV01

First occurrence
Given conditions happened to patients for the first time

N85.0

DX N85.0

+ CONDITION

+ AGE

設定主要搜尋條件類型：診斷/藥物/處置

自定事件名稱
讓描述更好懂

CLEAR ALL

統計頁面

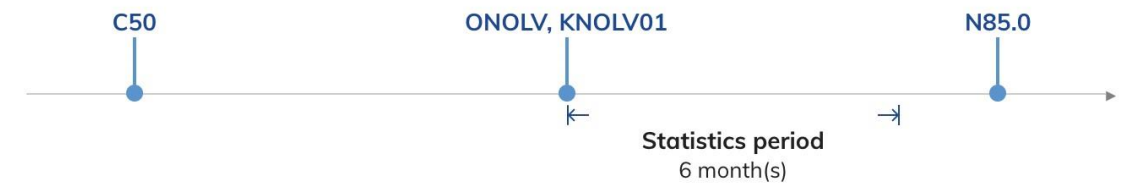
設定統計區間為[Event 2]
發生之後的 6 個月

^ Result 1 about 161 patients

Search Description

In 2011~2020
patient diagnosed C50
then
took ONOLV, KNOLV01
then
diagnosed N85.0

Statistics period: within **6 months** after ONOLV, KNOLV01

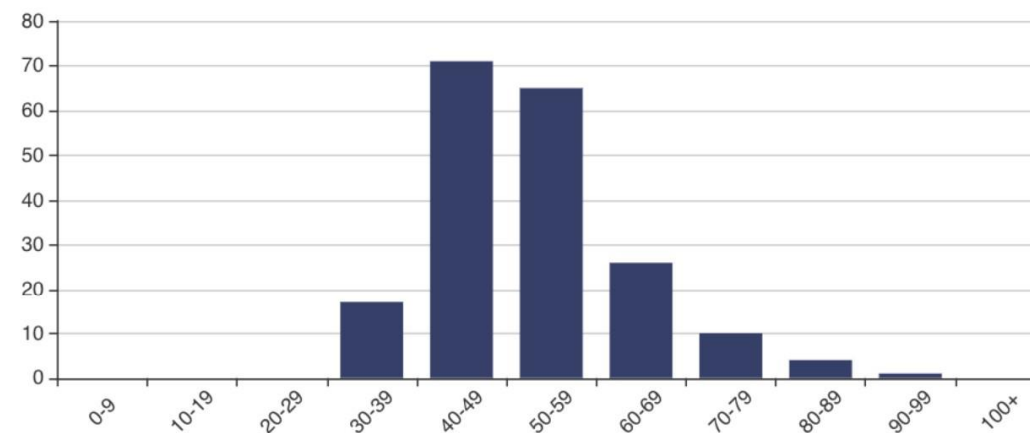


符合搜尋條件之病患其
第一筆符合病例年齡

Statistics of 6 month(s) after ONOLV, KNOLV01 AI sorting

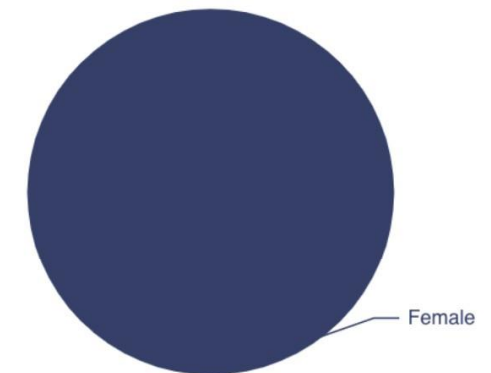
Age

Age of patients in the search conditions grouped by 10 years



Gender

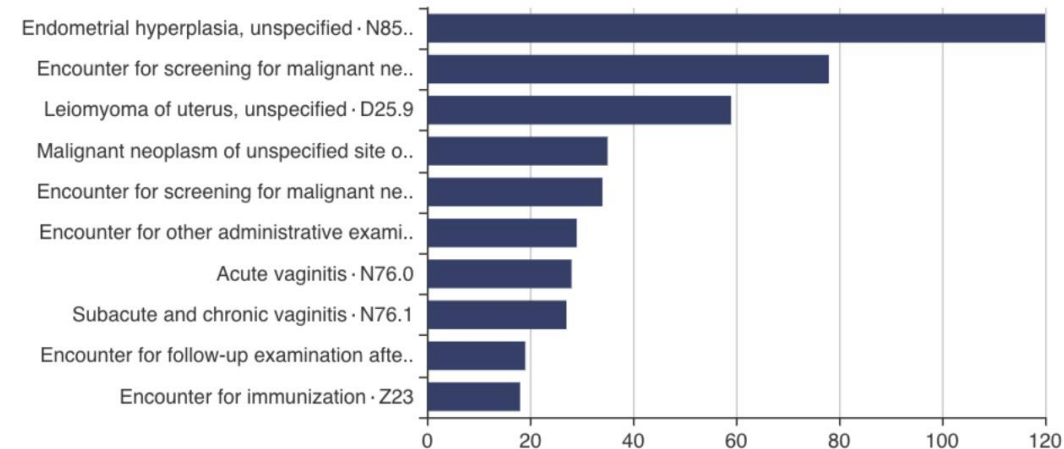
Proportion of male and female patients in the search conditions



符合搜尋條件之病患
於 [Event 2] 後之新診斷疾病

ICD-10

Among patients in the search conditions, number of those who have been diagnosed with given diseases



ICD-9

Among patients in the search conditions, number of those who have been diagnosed with given diseases

