

# ICD-10 改版與病歷書寫注意事項



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## 大綱



醫療資料與疾病編碼的重要性

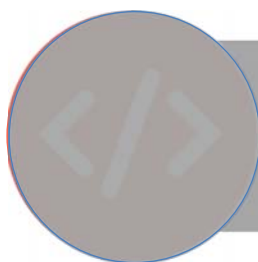


ICD10病歷編碼與改版

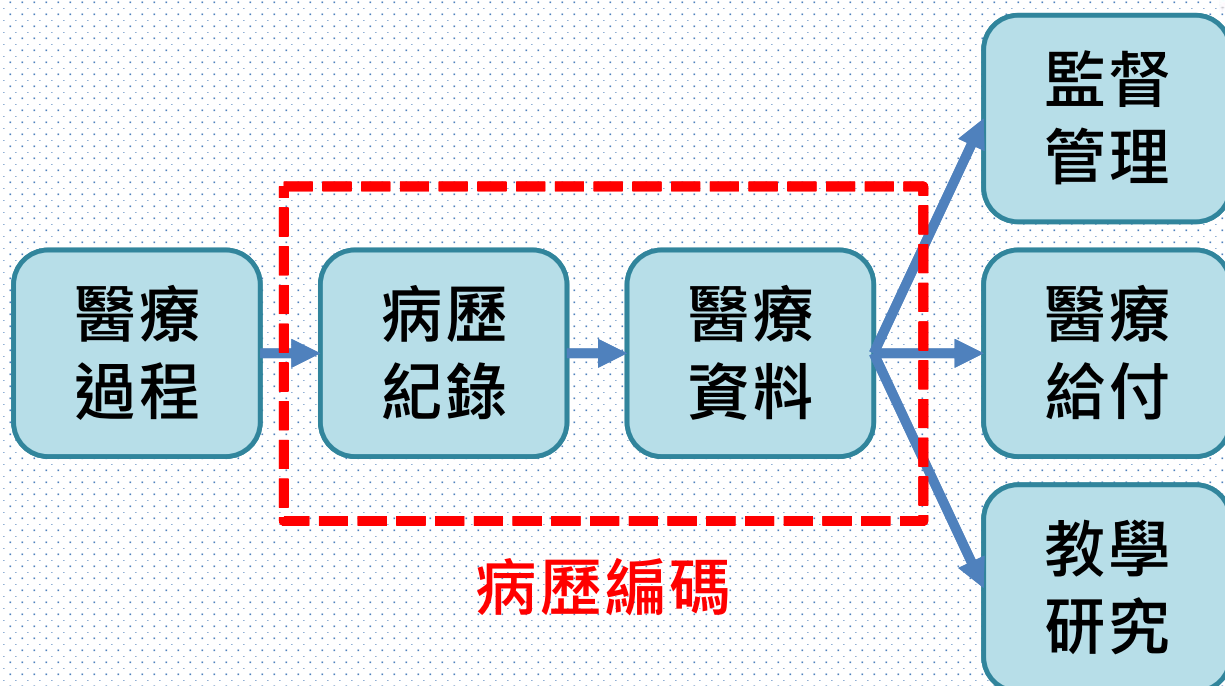
# 大綱



## 醫療資料與疾病編碼的重要性



## ICD10病歷編碼與改版



# 病歷紀錄的重要性

care  
continuity

RESEARCH



## 醫療資料管理--醫院層面

表一、臺北院區十大疾病排行

| 排序 | 111年         | 排序 | 110年 | 排序 | 109年       |
|----|--------------|----|------|----|------------|
| 1  | COVID-19 病毒感 | 1  |      |    |            |
| 2  | 乳房惡性腫瘤       | 2  |      |    | 乳房惡性腫瘤     |
| 3  | 敗血症          |    |      |    | 敗血症        |
| 4  | 子宮肌瘤         |    |      |    | 子宮肌瘤       |
| 5  | 膽石病          |    |      |    | 膽石病        |
| 6  | 肺炎           |    |      |    | 肺炎         |
| 7  | 支氣管及肺惡性腫瘤    |    |      | 9  | 支氣管及肺惡性腫瘤  |
| 8  | 慢性缺血性心臟病     |    |      | 8  | 慢性缺血性心臟病   |
| 9  | 肝及肝內膽管惡性腫瘤   | 8  |      | 8  | 肝及肝內膽管惡性腫瘤 |
| 10 | 尿道及泌尿道疾患     | 6  |      | 4  | 尿道及泌尿道疾患   |

死因統計

圖三、二十大死因統計圖



評鑑二十大疾病



指標統計分析



費用分析

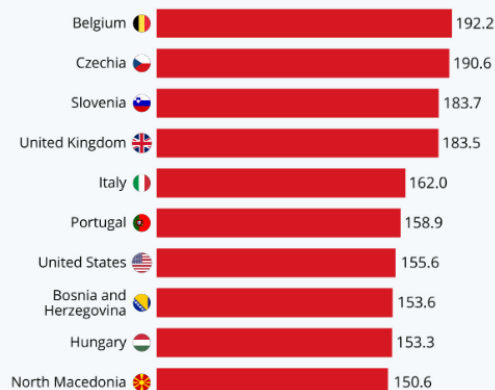
# 疾病編碼重要性--國家層面

## 衛生福利部公告十大死因統計

| 順位 | 所有死亡原因              | 死亡人數(人) |         | 死亡率(每十萬人口) |       |         | 標準化死亡率(每十萬人口) |       |         |
|----|---------------------|---------|---------|------------|-------|---------|---------------|-------|---------|
|    |                     | 111年    | 較上年增減%  | 110年順位     | 111年  | 較上年增減%  | 順位            | 111年  | 較上年增減%  |
|    |                     | 208,438 | 13.2    |            | 893.8 | 13.9    |               | 443.9 | 9.5     |
| 1  | 癌症                  | 51,927  | 0.5     | 1          | 222.7 | 1.2     | 1             | 116.0 | -1.8    |
| 2  | 心臟疾病(高血壓性疾病除外)      | 23,668  | 8.3     | 2          | 101.5 | 9.0     | 2             | 47.8  | 4.8     |
| 3  | 嚴重特殊傳染性肺炎(COVID-19) | 14,667  | 1,536.9 | 19         | 62.9  | 1,547.4 | 3             | 28.6  | 1,365.5 |
| 4  | 肺炎                  | 14,320  | 5.7     | 3          | 61.4  | 6.4     | 4             | 26.3  | 3.8     |
| 5  | 腦血管疾病               | 12,416  | 1.9     | 4          | 53.2  | 2.6     | 5             | 25.1  | -0.3    |
| 6  | 糖尿病                 | 12,289  | 7.3     | 5          | 52.7  | 8.0     | 6             | 24.7  | 3.7     |
| 7  | 高血壓性疾病              | 8,720   | 10.6    | 6          | 37.4  | 11.3    | 8             | 16.3  | 7.2     |
| 8  | 事故傷害                | 6,953   | 2.6     | 7          | 29.8  | 3.3     | 7             | 20.0  | 0.2     |
| 9  | 慢性下呼吸道疾病            | 6,494   | 4.1     | 8          | 27.8  | 4.8     | 10            | 11.8  | 1.6     |
| 10 | 腎炎、腎病症候群及腎病變        | 5,813   | 6.3     | 9          | 24.9  | 6.9     | 11            | 11.3  | 3.5     |

## COVID-19 Deaths Per 100,000 Inhabitants: A Comparison

COVID-19 deaths per 100,000 of the population in the 10 worst affected countries\*



\* As of March 1, 2021. Out of countries with a population of one million or more  
Source: Johns Hopkins University

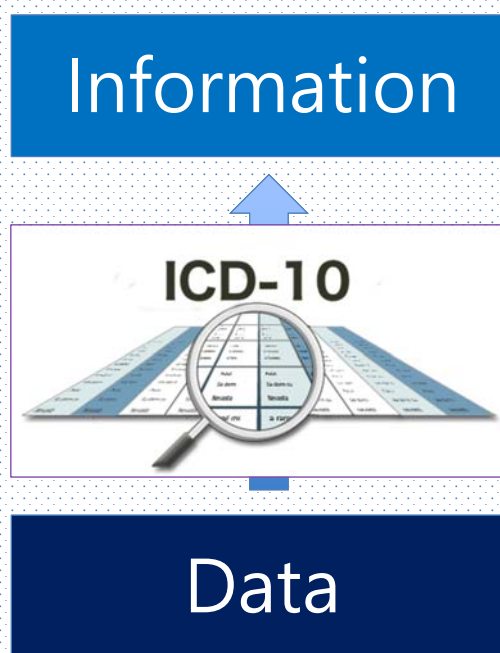


statista

<https://www.statista.com/chart/21170/coronavirus-death-rate-worldwide>

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# 醫療資料收集與管理





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醫療資料與疾病編碼的重要性



ICD10病歷編碼與改版

## ICD-10-CM/PCS於健保政策重要性



### 醫療費用申報

- 特約醫事服務機構申報醫療費用依據及基礎
- 與申報及審查相互扣連

### 規範條件訂定

- 支付標準或其他給付規定之適應症
- 重大傷病、罕病
- 健保計畫收案條件

- 新醫療技術評估運用
- 實證研究及效益評估基礎

### 新醫療科技導入

- 費用申報監測與管理
- 醫療服務使用(流病)統計

### 醫療服務統計監測

ICD-10-CM/PCS

### DRG實施

- 以疾病分類為基礎
- DRG分類表及編審作業



# ICD-10改版的考量

- 醫療科技發展，臨床診斷及處置漸趨於精細
  - 2014年代碼不敷使用
  - 編碼歸類不明確
  - 醫療成本及品質難以反應
- 因應新興傳染病或疾病：
  - CMS於2019-2023年因應COVID-19新增重要代碼：
    - ① ICD-10-CM：9項
    - ② ICD-10-PCS：35項

美國CMS自109年因應COVID-19新增重點代碼

| ICD-10-CM | 中文名稱              | 健保新增 |
|-----------|-------------------|------|
| J12.82    | 冠狀病毒所致肺炎          |      |
| J20.822   | COVID-19之接觸和疑似暴露  | V    |
| M35.81    | 多系統發炎症候群          |      |
| M35.89    | 其他明示結締組織之涉及系統     |      |
| U07.1     | 確認COVID-19病毒感染    | V    |
| U09.9     | 嚴重特殊傳染性肺炎後的病況，未明示 | V    |
| Z11.52    | 來院接受其嚴重特殊傳染性肺炎之篩檢 | V    |
| Z86.16    | 嚴重特殊傳染性肺炎病史       | V    |

# ICD-10-CM/PCS 轉版迫切性



- 符合國際照護資料分類需求
- 提升診斷、處置之精準描述
- 有效反應醫療服務成本及品質
- 使醫療服務提供者獲得適當給付
- 利於醫療疾病及流行病學監測
- 精確醫療服務統計及療效評估



# ICD-10轉版作業與DRG支付連動影響



## 1 ICD-10-CM/PCS轉版

診斷及處置碼  
對應轉換

## 2 DRG分類及歸屬調整

費用變異增加  
分類歸屬檢討

## 3 DRG編審及落點改變

修訂編審及  
申報系統

## 5 DRG費用申報監測

## 4 申報作業與系統改版

實際費用申報

關於健保署 健保服務 健保資料站 健保法令 重要政策 網路櫃檯 便民服務 健保表單下載 影音文宣 最新消息

### 最新消息

2014年版 → 2023年版

- 因應國際疾病分類版本更新，為使編碼更符合臨床照護需求，提升病人照護及處置之精準描述，本保險門、住診醫療申報資料自114年1月1日起將全面由2014年版ICD-10-CM/PCS轉版為2023年版。(112.12.26新增)
- 公告2023年版ICD-10-CM/PCS中文版(初稿)，各界如有修訂意見，請填寫「2023年版國際疾病分類第十版ICD-10-CM/PCS意見建議書」，以利本署研議修正。諮詢窗口：台灣醫院協會02-28083300 #17。(112.07.28新增) [ODT]
- 本署105年各項作業所需之ICD-10-CM/PCS編碼草案，已陸續公布本署首頁「國際疾病分類第十版」專區，各界如有修訂意見，請於112年8月31日前填寫「國際疾病分類第十版草案意見建議書」，以利本署研議修正。(112.04.15新增)
- 本署全國健康問題統計分析系統，已於112年7月17日完成改版，未來會配合美國改版。(112.7.17新增)
- 我國導入ICD-10-CM/PCS第十版，未來會配合美國改版。(112.7.17新增)
- 本主題區新增我國2014年ICD-10-CM/PCS編碼總數141,747，2023年版ICD-10-CM/PCS編碼總數152,212。

新增新科技、Extraction手術應用

141,747

152,212

發布日期：112-07-28

更新日期：113-01-11

瀏覽人次：2717

回頁首

# ICD 10-2023 舉例



## ICD-10 CM 診斷碼 分類架構調整



# Inflammatory disorders of breast

| 2014 |                                            | 2023(新增疾病類型與側位) |                                              |
|------|--------------------------------------------|-----------------|----------------------------------------------|
| N61  | 乳房炎性疾患<br>Inflammatory disorders of breast | N61.0           | Mastitis without <b>abscess</b>              |
|      |                                            | N61.1           | Abscess of the breast and nipple             |
|      |                                            | N61.2           | <b>Granulomatous</b> mastitis,               |
|      |                                            | (0,1,2,3)       | (unspecified, right, left, bilateral) breast |

## 病歷書寫注意事項：

1. Mastitis是否合併abscess？
2. 是否有granuloma？
3. 側性：左？右？雙側？

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# Lump in breast

| 2014 |                                    | 2023(第4、5位碼新增側性及象限) |                                                         |
|------|------------------------------------|---------------------|---------------------------------------------------------|
| N63  | 乳房腫塊<br>Unspecified lump in breast | N63.1(0,1,2,3,4,5)  | 乳房腫塊(象限)<br>Unspecified lump in the <b>right</b> breast |
|      |                                    | N63.2(0,1,2,3,4,5)  | 乳房腫塊(象限)<br>Unspecified lump in the <b>left</b> breast  |

N63.10 Unspecified lump in the right breast, unspecified quadrant  
N63.11 Unspecified lump in the right breast, upper outer quadrant  
N63.12 Unspecified lump in the right breast, upper inner quadrant  
N63.13 Unspecified lump in the right breast, lower outer quadrant  
N63.14 Unspecified lump in the right breast, lower inner quadrant  
N63.15 Unspecified lump in the right breast, overlapping quadrants

## 病歷書寫注意事項：

- 乳房腫塊所在象限
- 側性：左？右？

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# Acute appendicitis

| 2014   |                                                                                                    | 2023_新增併發症 |                                                       |
|--------|----------------------------------------------------------------------------------------------------|------------|-------------------------------------------------------|
| 代碼     | 名稱                                                                                                 | 第5位碼       | 疾病嚴重度                                                 |
| K35.2  | Acute appendicitis with <b>generalized peritonitis</b><br>Ruptured appendix NOS                    | 0          | without abscess                                       |
|        |                                                                                                    | 1          | with abscess                                          |
| K35.3  | Acute appendicitis with <b>localized Peritonitis</b><br>Acute appendicitis with peritoneal abscess | 0          | without perforation or gangrene                       |
|        |                                                                                                    | 1          | and gangrene, without perforation                     |
|        |                                                                                                    | 2          | with <b>perforation</b> and gangrene, without abscess |
|        |                                                                                                    | 3          | with <b>perforation</b> and gangrene, with abscess    |
| 代碼     | 名稱                                                                                                 | 第6位碼       | 2023_新增併發症                                            |
| K35.80 | Unspecified acute appendicitis                                                                     |            |                                                       |
| K35.89 | Other acute appendicitis                                                                           | 0          | without <b>perforation</b> or gangrene                |
|        |                                                                                                    | 1          | without <b>perforation</b> , with gangrene            |

病歷書寫注意事項：是否有perforation？Gangrene？Abscess？

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# Intestinal obstruction

| 2014              |                                                                                | 2023_新增疾病嚴重度 |                                                              |
|-------------------|--------------------------------------------------------------------------------|--------------|--------------------------------------------------------------|
| 代碼                | 名稱                                                                             | 第5位碼         | 阻塞程度                                                         |
| K56.5             | Intestinal adhesions [bands] with obstruction (postprocedural) (postinfection) | 0            | <b>unspecified</b> as to partial versus complete obstruction |
| K91.3             | Postprocedural intestinal obstruction                                          | 1            | with <b>partial</b> obstruction                              |
|                   |                                                                                | 2            | with <b>complete</b> obstruction                             |
| 代碼                | 名稱                                                                             | 第6位碼         | 阻塞程度                                                         |
| K56.60            | Unspecified intestinal obstruction                                             | 0            | <b>Partial</b> intestinal obstruction                        |
| K56.69            | Other intestinal obstruction                                                   | 1            | <b>Complete</b> intestinal obstruction                       |
| 病歷書寫注意事項：呈現腸阻塞的程度 |                                                                                | 9            | <b>unspecified</b> as to partial versus complete obstruction |

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# Traumatic brain compression and herniation

**Code first** the underlying traumatic brain injury, such as:

diffuse traumatic brain injury (S06.2-)  
 focal traumatic brain injury (S06.3-)  
 traumatic subdural hemorrhage (S06.5-)  
 traumatic subarachnoid hemorrhage (S06.6-)

## S06.A0 Traumatic brain compression without herniation ⑦

Traumatic brain compression NOS  
 Traumatic cerebral compression NOS

## S06.A1 Traumatic brain compression with herniation ⑦

Traumatic brain herniation  
 Traumatic brainstem compression with herniation  
 Traumatic cerebellar compression with herniation  
 Traumatic cerebral compression with herniation

### 病歷書寫注意事項：

無論是外傷性或非外傷性的腦部損傷或疾病，若病人併有 brain compression 或 herniation 應記錄完整

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# Cervical disc disorders

- M50.- Cervical disc disorders 之 **mid-cervical region** (C4-C7) 拆分成 3 個 Level

### 2014年版

#### M50.02 Cervical disc disorder with myelopathy, mid-cervical region

C4-C5 disc disorder with myelopathy  
 C5-C6 disc disorder with myelopathy  
 C6-C7 disc disorder with myelopathy

### 2023年版

#### M50.021 Cervical disc disorder at C4-C5 level with myelopathy

C4-C5 disc disorder with myelopathy

#### M50.022 Cervical disc disorder at C5-C6 level with myelopathy

C5-C6 disc disorder with myelopathy

#### M50.023 Cervical disc disorder at C6-C7 level with myelopathy

C6-C7 disc disorder with myelopathy

### 病歷書寫注意事項：

明確呈現發生 cervical disc disorder 的脊椎節

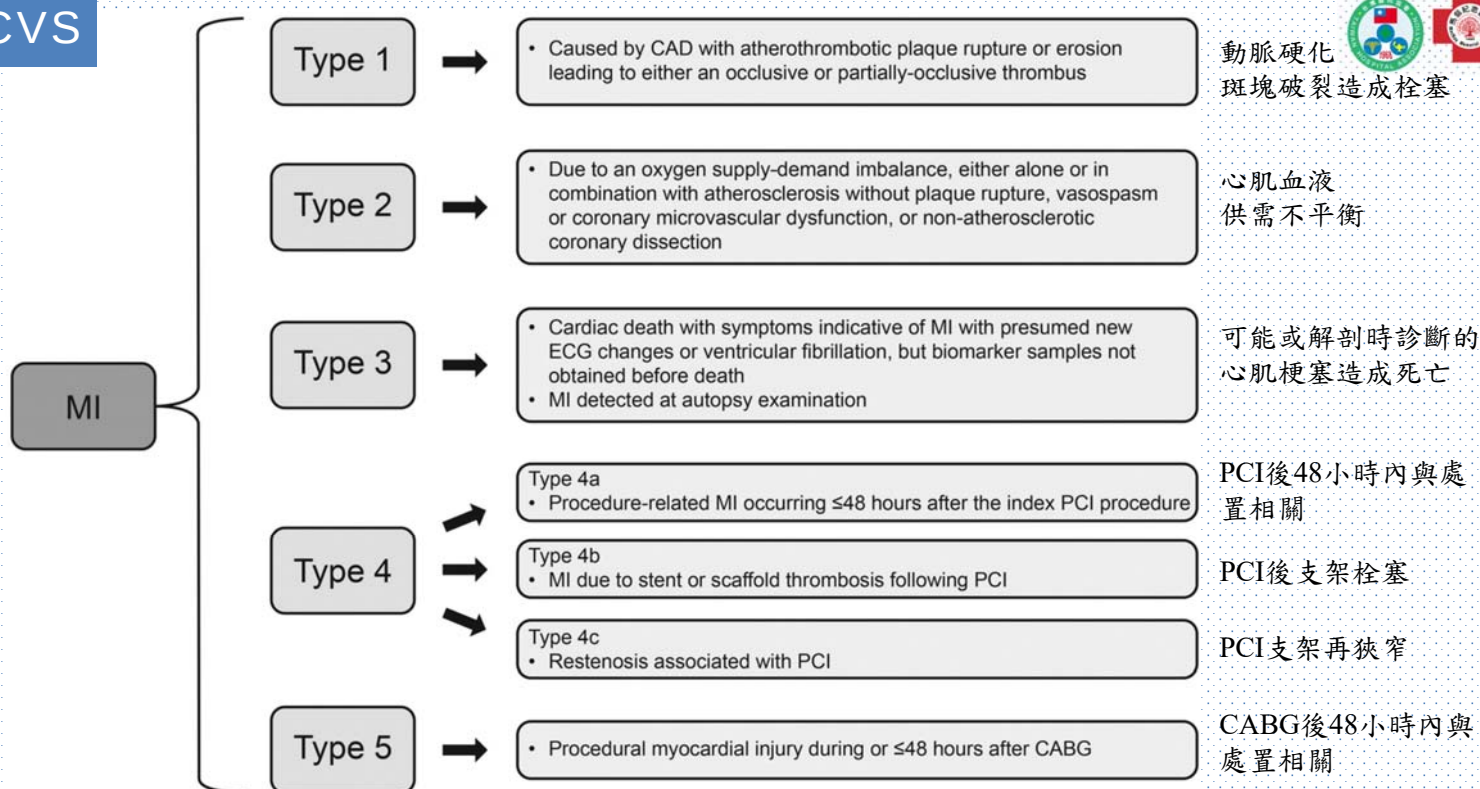
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# Myocardial infarction

| 2014                                                                 | 2023                                                                        |
|----------------------------------------------------------------------|-----------------------------------------------------------------------------|
| I21.0 ST elevation (STEMI) myocardial infarction of anterior wall    | I21.0 <b>Type 1</b> ST elevation myocardial infarction of anterior wall     |
| I21.1 ST elevation (STEMI) myocardial infarction of inferior wall    | I21.1 <b>Type 1</b> ST elevation myocardial infarction of inferior wall     |
| I21.2 ST elevation (STEMI) myocardial infarction of other sites      | I21.2 <b>Type 1</b> ST elevation myocardial infarction of other sites       |
| I21.3 ST elevation (STEMI) myocardial infarction of unspecified site | I21.3 <b>Type 1</b> ST elevation myocardial infarction of unspecified site  |
| I21.4 Non-ST elevation (NSTEMI) myocardial infarction                | I21.4 <b>Type 1</b> non-ST elevation myocardial infarction                  |
|                                                                      | I21.9 <b>Acute myocardial infarction, unspecified</b>                       |
|                                                                      | I21.A1 <b>Myocardial infarction type 2</b>                                  |
|                                                                      | I21.A9 <b>Other myocardial infarction type 3/type4a/type4b/type4c/type5</b> |

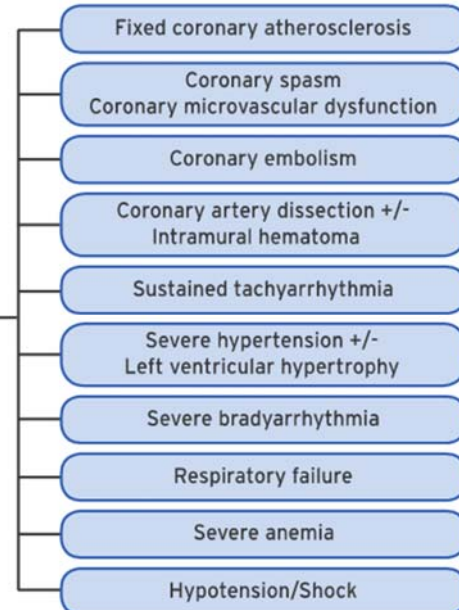
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## Type 1、2 MI病歷書寫注意事項

- Type 1 :
  - 區分STEMI或是NSTEMI
  - 是否在4週內重複發生 (recurrent MI的coding不同)
  - 部位：Anterior、Inferior、其他、不知道
- Type 2：紀錄病因並寫出關聯性

Oxygen supply and demand imbalance\*



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## Type 3-5 MI病歷書寫注意事項

- 紀錄MI的類型與發生時間
- 屬於手術中或手術後發生的心肌梗塞
- 屬於何種處置造成的併發症
- 冠狀動脈病灶是狹窄、阻塞、或是血栓

**Code also** complication, if known and applicable, such as:

- (acute) stent occlusion ([T82.897-](#)) → type 4b
- (acute) stent stenosis ([T82.855-](#)) → type 4c
- (acute) stent thrombosis ([T82.867-](#)) → type 4b
- cardiac arrest due to underlying cardiac condition ([I46.2](#)) → type 3
- complication of percutaneous coronary intervention (PCI) ([I97.89](#)) → type 4a
- occlusion of coronary artery bypass graft ([T82.218-](#)) → type 5

**Code first**, if applicable, postprocedural myocardial infarction following cardiac surgery ([I97.190](#)), or postprocedural myocardial infarction during cardiac surgery ([I97.790](#)) → PCI或是CABG都算

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## Heart failure分類更細

|                                                                                         |                                               |         |                                               |
|-----------------------------------------------------------------------------------------|-----------------------------------------------|---------|-----------------------------------------------|
| I50.1                                                                                   | Left ventricular failure                      |         |                                               |
| I50.2                                                                                   | Systolic heart failure                        | I50.810 | Right heart failure, unspecified              |
| I50.3                                                                                   | Diastolic heart failure                       | I50.811 | Acute right heart failure                     |
| I50.4                                                                                   | Combined systolic and diastolic heart failure | I50.812 | Chronic right heart failure                   |
|                                                                                         |                                               | I50.813 | Acute on chronic right heart failure          |
| I50.8                                                                                   | Other heart failure                           | I50.814 | Right heart failure due to left heart failure |
| I50.9                                                                                   | Heart failure, unspecified                    | I50.82  | Biventricular heart failure                   |
| ➤ I50.2、I50.3、I50.4 第5位碼細分：<br>0 Unspecified, 1 Acute, 2 Chronic,<br>3 Acute on chronic |                                               | I50.83  | High output heart failure                     |
|                                                                                         |                                               | I50.84  | End stage heart failure                       |
|                                                                                         |                                               | I50.89  | Other heart failure                           |

病歷書寫注意事項：確認心衰竭的種類並呈現於病歷

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## Aortic dissection

2014版

I71.01 Dissection of thoracic aorta

2023版

I71.010 Dissection of ascending aorta

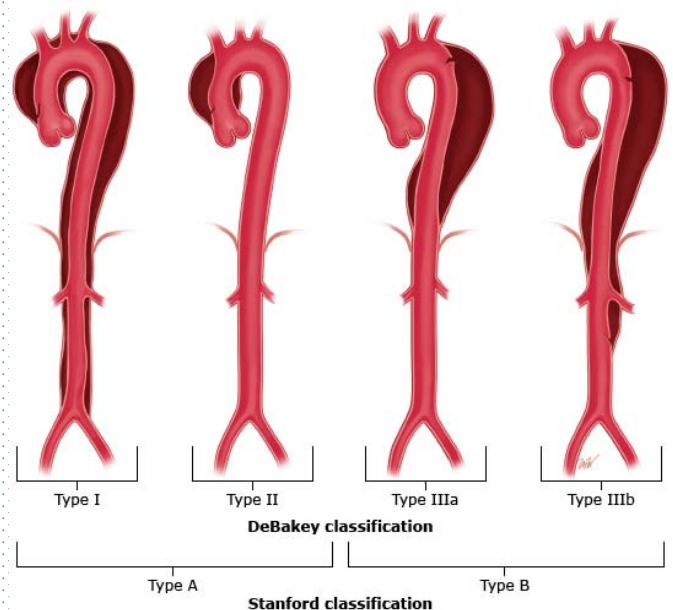
I71.011 Dissection of aortic arch

I71.012 Dissection of descending thoracic aorta

I71.019 Dissection of thoracic aorta, unspecified

I71.02 Dissection of abdominal aorta

I71.03 Dissection of thoracoabdominal aorta



病歷書寫注意事項：  
寫明主動脈剝離部位

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# Thoracoabdominal aortic aneurysm

## 2014版

I71.5 Thoracoabdominal aortic aneurysm, ruptured  
I71.6 Thoracoabdominal aortic aneurysm, without rupture

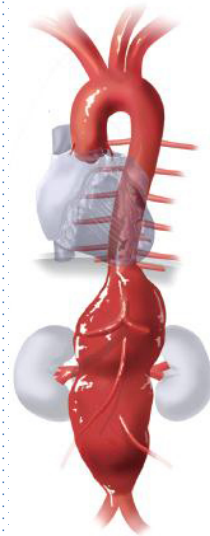
## 2023版

I71.50 Thoracoabdominal aortic aneurysm, ruptured, unspecified  
I71.51 **Supraceliac** aneurysm of the abdominal aorta, ruptured  
I71.52 **Paravisceral** aneurysm of the abdominal aorta, ruptured  
I71.60 Thoracoabdominal aortic aneurysm, without rupture, unspecified  
I71.61 **Supraceliac** aneurysm of the abdominal aorta, without rupture  
I71.62 **Paravisceral** aneurysm of the abdominal aorta, without rupture

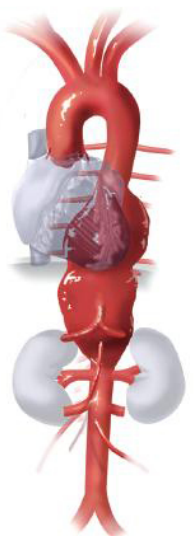
### 病歷書寫注意事項：

1. 寫明胸腹主動脈瘤與腹腔內血管之關係
2. 是否破裂

Extent IV



Extent V



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# Abdominal aortic aneurysm

## 2014版

I71.3 Abdominal aortic aneurysm, ruptured  
I71.4 Abdominal aortic aneurysm, without rupture

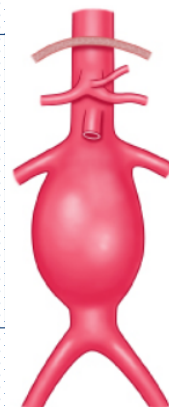
## 2023版

I71.30 Abdominal aortic aneurysm, ruptured, unspecified  
I71.31 **Pararenal** abdominal aortic aneurysm, ruptured  
I71.32 **Juxtarenal** abdominal aortic aneurysm, ruptured  
I71.33 **Infrarenal** abdominal aortic aneurysm, ruptured  
I71.40 Abdominal aortic aneurysm, without rupture, unspecified  
I71.41 **Pararenal** abdominal aortic aneurysm, without rupture  
I71.42 **Juxtarenal** abdominal aortic aneurysm, without rupture  
I71.43 **Infrarenal** abdominal aortic aneurysm, without rupture

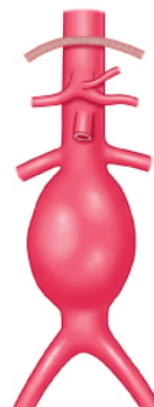
### 病歷書寫注意事項：

1. 寫明腹主動脈瘤與腎動脈之關係
2. 是否破裂

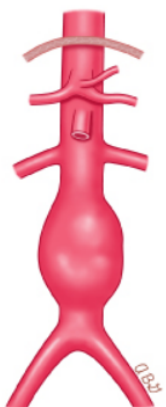
Pararenal AAA



Juxtarenal AAA



Infrarenal AAA



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# ICD-10 CM 診斷碼

## 新增類別

31

GS

## Gastrointestinal Stromal Tumor

2014年版

stromal  
gastric D48.1  
benign D21.4  
malignant C16.9  
uncertain behavior D48.1  
gastrointestinal  
benign D21.4  
malignant C49.4  
uncertain behavior D48.1

病歷書寫注意事項：GIST發生的部位

2023年版

stromal  
endometrial D39.0  
gastric D48.1  
benign D21.4  
malignant C16.9  
uncertain behavior D48.1  
gastrointestinal C49.A-  
benign D21.4  
esophagus C49.A1  
large intestine C49.A4  
malignant C49.A0  
colon C49.A4  
duodenum C49.A3  
esophagus C49.A1  
ileum C49.A3  
jejunum C49.A3  
large intestine C49.A4  
Meckel diverticulum C49.A3  
omentum C49.A9  
peritoneum C49.A9  
rectum C49.A5  
small intestine C49.A3  
specified site NEC C49.A9  
stomach C49.A2

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# Gastric Intestinal Metaplasia

2014年版

K31.89 Other diseases of stomach and duodenum

2023年版

## K31.A Gastric intestinal metaplasia

## K31.A0 Gastric intestinal metaplasia, unspecified

Gastric intestinal metaplasia indefinite for dysplasia  
Gastric intestinal metaplasia NOS

K31.A1 Gastric intestinal metaplasia without dysplasia

K31.A11 Gastric intestinal metaplasia without dysplasia, involving the antrum

K31.A12 Gastric intestinal metaplasia without dysplasia, involving the body (corpus)

K31.A13 Gastric intestinal metaplasia without dysplasia, involving the fundus

K31.A14 Gastric intestinal metaplasia without dysplasia, involving the cardia

K31.A15 Gastric intestinal metaplasia without dysplasia, involving multiple sites

K31.A19 Gastric intestinal metaplasia without dysplasia, unspecified site

K31.A2 Gastric intestinal metaplasia with dysplasia

K31.A21 Gastric intestinal metaplasia with low grade dysplasia

K31.A22 Gastric intestinal metaplasia with high grade dysplasia

K31.A29 Gastric intestinal metaplasia with dysplasia, unspecified

## 病歷書寫注意事項：

- 是否有dysplasia
- 發生的部位？
- 若有dysplasia，程度？

33

# K59.3- \_Megacolon

## K59.3 Megacolon, not elsewhere classified

Dilatation of colon

Toxic megacolon

Code first (T51-T65) to identify toxic agent

**Excludes1:** congenital megacolon (aganglionic) (Q43.1)  
megacolon (due to) (in) Chagas' disease (B57.32)  
megacolon (due to) (in) Clostridium difficile (A04.7)  
megacolon (due to) (in) Hirschsprung's disease (Q43.1)

2014年版

## 病歷書寫注意事項：

- 是否先天性？
- 是否有其他明確的原因？
- 若是toxic，應寫明毒性物質

## K59.3 Megacolon, not elsewhere classified

Dilatation of colon

Code first, if applicable (T51-T65) to identify toxic agent

**Excludes1:** congenital megacolon (aganglionic) (Q43.1)  
megacolon (due to) (in) Chagas' disease (B57.32)  
megacolon (due to) (in) Clostridium difficile (A04.7-)  
megacolon (due to) (in) Hirschsprung's disease (Q43.1)

K59.31 Toxic megacolon

K59.39 Other megacolon

Megacolon NOS

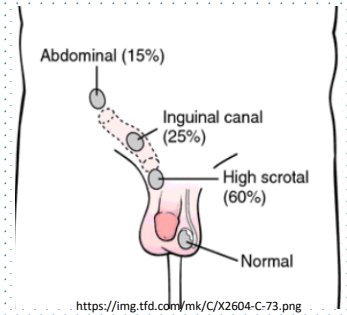
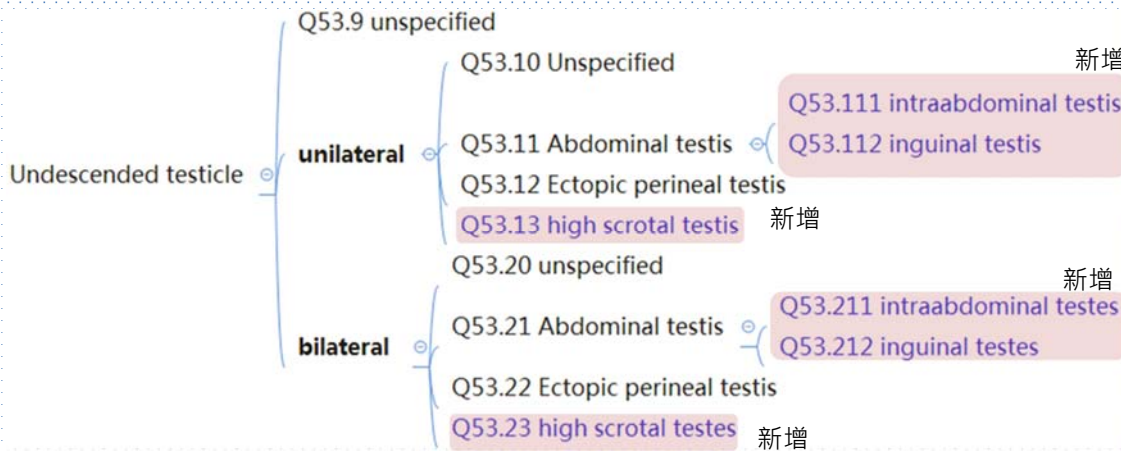
2023年版

細分疾病型態

34

# Cryptorchidism

新版代碼依下降位置及側性區分如下：



病歷書寫注意事項：

- 單側或是雙側
- 寫明部位，是在腹腔內還是inguinal area

35

# Pressure ulcer

| 2014                                    |                | 2023_新增疾病嚴重度 |                    |
|-----------------------------------------|----------------|--------------|--------------------|
| 類目碼                                     | 名稱             | 第6位碼         | 嚴重度                |
| L89                                     | Pressure ulcer | 0            | unstageable        |
| 深部組織性壓瘡2014年版編碼為unstageable無法分期(第6位碼為0) |                | 1            | stage 1            |
|                                         |                | 2            | stage 2            |
|                                         |                | 3            | stage 3            |
|                                         |                | 4            | stage 4            |
|                                         |                | 6(新增)        | deep tissue damage |
|                                         |                | 9            | unspecified stage  |

## L89.15 Pressure ulcer of sacral region

Pressure ulcer of coccyx  
Pressure ulcer of tailbone

## L89.150 Pressure ulcer of sacral region, unstageable

## L89.151 Pressure ulcer of sacral region, stage 1

Healing pressure ulcer of sacral region, stage 1  
Pressure pre-ulcer skin changes limited to persistent focal edema, sacral region

## L89.152 Pressure ulcer of sacral region, stage 2

Healing pressure ulcer of sacral region, stage 2  
Pressure ulcer with abrasion, blister, partial thickness skin loss involving epidermis and

## L89.153 Pressure ulcer of sacral region, stage 3

Healing pressure ulcer of sacral region, stage 3  
Pressure ulcer with full thickness skin loss involving damage or necrosis of subcutaneous

## L89.154 Pressure ulcer of sacral region, stage 4

Healing pressure ulcer of sacral region, stage 4  
Pressure ulcer with necrosis of soft tissues through to underlying muscle, tendon, or bone

## L89.156 Pressure-induced deep tissue damage of sacral region

## L89.159 Pressure ulcer of sacral region, unspecified stage

Healing pressure ulcer of sacral region NOS  
Healing pressure ulcer of sacral region, unspecified stage

病歷書寫注意事項：呈現部位與分期；是否影響深層組織？

36

## Non-pressure chronic ulcer

| 2014                                                                                                                               |                                                                    | 2023_細分疾病嚴重度 |                                                             |
|------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|--------------|-------------------------------------------------------------|
| 類目碼                                                                                                                                | 名稱                                                                 | 第6位碼         | 嚴重度                                                         |
| L97                                                                                                                                | Non-pressure chronic ulcer of lower limb, not elsewhere classified | 1            | limited to breakdown of skin                                |
| L98.4                                                                                                                              | Non-pressure chronic ulcer of skin, not elsewhere classified       | 2            | with fat layer exposed                                      |
| <b>病歷書寫注意事項：</b> <ul style="list-style-type: none"> <li>➤ 呈現嚴重程度</li> <li>➤ 是否有影響到 muscle和bone?</li> <li>➤ 是否有necrosis?</li> </ul> |                                                                    | 3            | with necrosis of muscle                                     |
|                                                                                                                                    |                                                                    | 4            | with necrosis of bone                                       |
|                                                                                                                                    |                                                                    | 5(新增)        | with muscle involvement <b>without evidence of necrosis</b> |
|                                                                                                                                    |                                                                    | 6(新增)        | with bone involvement <b>without evidence of necrosis</b>   |
|                                                                                                                                    |                                                                    | 8(新增)        | with other specified severity                               |
|                                                                                                                                    |                                                                    | 9            | with unspecified severity                                   |

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## Post operation wound/surgical site infection

| ICD-10 | 2014 英文名稱                                                                    | 第七位碼                                                             |
|--------|------------------------------------------------------------------------------|------------------------------------------------------------------|
| T81.4  | Infection following a procedure                                              | A - initial encounter<br>D - subsequent encounter<br>S - sequela |
| ICD-10 | 2023 英文名稱                                                                    |                                                                  |
| T81.40 | Infection following a procedure, <b>unspecified</b>                          |                                                                  |
| T81.41 | Infection following a procedure, <b>superficial</b> incisional surgical site |                                                                  |
| T81.42 | Infection following a procedure, <b>deep</b> incisional surgical site        |                                                                  |
| T81.43 | Infection following a procedure, <b>organ</b> and <b>space</b> surgical site |                                                                  |
| T81.44 | <b>Sepsis</b> following a procedure                                          |                                                                  |
| T81.49 | Infection following a procedure, <b>other</b> surgical site                  |                                                                  |

### 病歷書寫注意事項：

- 術後感染應依SSI 定義呈現影響深度
- 呈現是剛剛發現的，或是感染的後遺症

38



## 病歷書寫注意事項 -- 診斷

- 熟悉各**疾病分類方式**
- 明確呈現**部位**：象限、前後、特定位置、和周邊組織相對關係
- 注意**側性**：左側、右側、雙側
- 注意疾病之**程度**：期別、範圍、程度
- 清楚呈現**數量**：脊椎節數、肋骨支樹
- 陳述**和處置的相關性**：術後併發症、感染部位與程度
- 陳述**和疾病本身的關係**：初次、復發、後遺症

39

## ICD-10 PCS 手術碼 架構調整

40

## Rib bone(s)\_左、右側更改為數量

進行肋骨手術時，Upper Bones body system, Rib(肋骨)由原來的右側、左側改變為1至2根，及3根或是以上之肋骨。

| From 2014    | To 2023           |
|--------------|-------------------|
| Body Part    | Body Part         |
| 1 Rib, Right | 1 Ribs, 1 to 2    |
| 2 Rib, Left  | 2 Ribs, 3 or More |

**病歷書寫注意事項：**呈現肋骨骨折時，進行固定的肋骨數量

41

## Decortication

2014年版

Decortication, lung **see** Extraction, Respiratory System **OBD**

2023年版

依手術目的編碼

Decortication, lung

**see** Extirpation, Respiratory System **OBC**

**see** Release, Respiratory System **OBN**

**病歷書寫注意事項：**

進行decortication時的目的是

- 是解除lung的adhesion
- 還是remove hematoma

應於手術紀錄呈現

### Lung adhesion

A patient with recent history of pneumonia with left empyema was admitted and underwent decortication surgery with drain-age of a multiloculated collection

The left lobe had a multiloculated collection that was also drained. The lung appeared to be expanding well

In this case, decortication surgery was performed to release the left lung. **OBNLOZZ** Release left lung, open approach, for decortication of the left lung

### Hemothorax

**Video-assisted thoracoscopic surgery (VATS):** A small camera is inserted through a tiny incision in the chest wall, allowing the surgeon to see inside the chest cavity and **remove any blood clots** or other debris.

**Open thoracotomy:** A larger incision is made in the chest wall and surgical instruments are used to **remove any blood clots**, repair fractured ribs, or stop bleeding vessels.

**ICD-10-PCS編碼**  
手術方式 **Extirpation** 身體部位 **Pleural cavity**

42

## Debridement編碼原則

- 切除性清創術 (Excisional debridement)：外科用手術刀切除或移除壞死組織，以剪刀稍微修剪或刮除組織不算，手術方式為**Excision**。
- 非切除性清創術 (Nonexcisional debridement)：如刷除或灌洗 (Brushing, washing, scrubbing or irrigating)等，手術方式多為**Extraction**。
- 同一部位多個組織層接受清創，只編最深的一層。

### 病歷書寫注意事項：

- 清創時使用的方式
- 清創時到達的深度

43

## Coronary artery intervention/surgery

| 2014                          |                                                                                                                                                                    | 2023                          |                                                                                                                                                                               |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Body system<br>Root operation | Body part                                                                                                                                                          | Body system<br>Root operation | Body part                                                                                                                                                                     |
| 02 Heart and Great Vessels    | 0 Coronary Artery, One <b>Site</b><br>1 Coronary Artery, Two <b>Sites</b><br>2 Coronary Artery, Three <b>Sites</b><br>3 Coronary Artery, Four or More <b>Sites</b> | 02 Heart and Great Vessels    | 0 Coronary Artery, One <b>Artery</b><br>1 Coronary Artery, Two <b>Arteries</b><br>2 Coronary Artery, Three <b>Arteries</b><br>3 Coronary Artery, Four or More <b>Arteries</b> |

### 病歷書寫注意事項：

1. 摘取的血管與方法
2. 繞道血管的近端和遠端連接處
3. 位置數改成血管數

### 適用的Operation：

|           |               |
|-----------|---------------|
| Bypass    | Extirpation   |
| Dilation  | Fragmentation |
| Insertion | Repair        |
| Release   | Reposition    |

44

# 曾經接受AVSD repair過的valve surgery

|            |                   |                                                       |                                                                                                                     |                                                   |
|------------|-------------------|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| Supplement | G Mitral Valve    | 0 Open<br>4 Percutaneous Endoscopic                   | 7 Autologous Tissue Substitute<br>8 Zooplasic Tissue<br>J Synthetic Substitute<br>K Nonautologous Tissue Substitute | E Atrioventricular Valve, Left<br>Z No Qualifier  |
|            | G Mitral Valve    | 3 Percutaneous                                        | 7 Autologous Tissue Substitute<br>8 Zooplasic Tissue<br>K Nonautologous Tissue Substitute                           | E Atrioventricular Valve, Left<br>Z No Qualifier  |
|            | J Tricuspid Valve | 0 Open<br>3 Percutaneous<br>4 Percutaneous Endoscopic | 7 Autologous Tissue Substitute<br>8 Zooplasic Tissue<br>J Synthetic Substitute<br>K Nonautologous Tissue Substitute | G Atrioventricular Valve, Right<br>Z No Qualifier |
| Repair     | G Mitral Valve    | 0 Open<br>3 Percutaneous<br>4 Percutaneous Endoscopic | Z No Device                                                                                                         | E Atrioventricular Valve, Left<br>Z No Qualifier  |
|            | J Tricuspid Valve | 0 Open<br>3 Percutaneous<br>4 Percutaneous Endoscopic | Z No Device                                                                                                         | G Atrioventricular Valve, Right<br>Z No Qualifier |

病歷書寫注意事項：為曾接受AVSD手術之病人進行瓣膜手術時，應記載

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## ICD-10 PCS 手術碼 新增特殊手術/處置

46



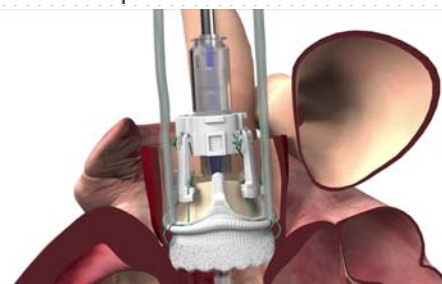
# Aortic valve replacement

|                |                                     |                                                                                               |                                                                 |
|----------------|-------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| F Aortic Valve | 0 Open<br>4 Percutaneous Endoscopic | 7 Autologous Tissue Substitute<br>J Synthetic Substitute<br>K Nonautologous Tissue Substitute | Z No Qualifier                                                  |
| F Aortic Valve | 0 Open<br>4 Percutaneous Endoscopic | 8 Zooplasic Tissue                                                                            | N Rapid Deployment Technique<br>Z No Qualifier                  |
| F Aortic Valve | 3 Percutaneous                      | 7 Autologous Tissue Substitute<br>J Synthetic Substitute<br>K Nonautologous Tissue Substitute | H Transapical<br>Z No Qualifier                                 |
| F Aortic Valve | 3 Percutaneous                      | 8 Zooplasic Tissue                                                                            | H Transapical<br>N Rapid Deployment Technique<br>Z No Qualifier |

Operative procedure:

Aortic valve was replaced using 25#

**Intuity sutureless bovine aortic valve** with 3 stay sutures.



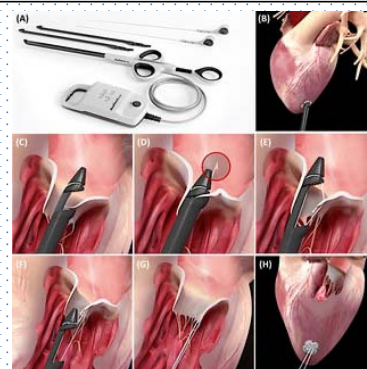
47

# Mitral valve repair with Neo-chord

| 0 Medical and Surgical<br>2 Heart and Great Vessels<br>U Supplement |                |                        |                                 |
|---------------------------------------------------------------------|----------------|------------------------|---------------------------------|
| Body Part                                                           | Approach       | Device                 | Qualifier                       |
| G Mitral Valve<br>J Tricuspid Valve                                 | 3 Percutaneous | J Synthetic substitute | H Transapical<br>Z No Qualifier |

Operative procedure:

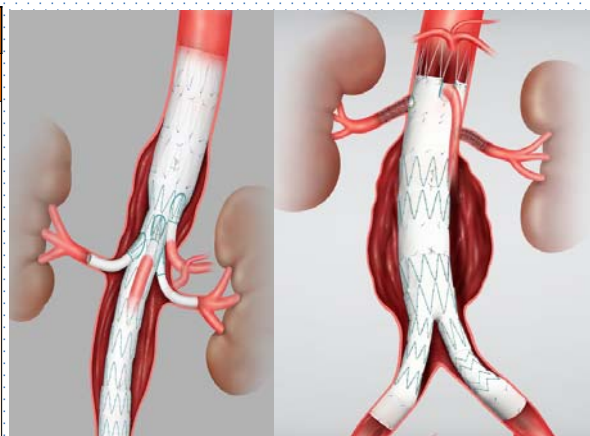
After 2 pledgetted 2-0 Ticron were sutured at the LV apex as purse-string, the **Neo-chord artificial chordae delivery system** was inserted into LV. The prolapsed AML was captured and a pair of artificial chordae was sutured onto AML. The artificial chordae was pulled out and fixed at LV apex with adequate length, confirmed by TEE.



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# Endovascular aortic surgery 新增device

| 2024                                                        |                                                               | 2023                                                        |                                                                                                                                                                                                                |
|-------------------------------------------------------------|---------------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Body part                                                   | Device                                                        | Body part                                                   | Device                                                                                                                                                                                                         |
| 0 Abdominal Aorta                                           | C Extraluminal Device<br>D Intraluminal Device<br>Z No Device | 0 Abdominal Aorta                                           | C Extraluminal Device<br>D Intraluminal Device<br>E Intraluminal Device, Branched or Fenestrated, One or Two Arteries<br>F Intraluminal Device, Branched or Fenestrated, Three or More Arteries<br>Z No Device |
| C Common Iliac Artery, Right<br>D Common Iliac Artery, Left | C Extraluminal Device<br>D Intraluminal Device<br>Z No Device | C Common Iliac Artery, Right<br>D Common Iliac Artery, Left | C Extraluminal Device<br>D Intraluminal Device<br>E Intraluminal Device, Branched or Fenestrated, One or Two Arteries<br>Z No Device                                                                           |



## 病歷書寫注意事項：

應呈現使用的stent graft是否是branched或是fenestrated

49

# 周邊動脈PTA

Section: 0 Medical and Surgical

Body System: 4 Lower Arteries

Operation: 7 Dilation Expanding an orifice or the lumen of a tubular body part

Code Description: 047 Lower Arteries, Dilation

| Body Part                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Approach                                                                                                                | Device                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Qualifier                                                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <input type="radio"/> 0 Abdominal Aorta<br><input type="radio"/> 1 Celiac Artery<br><input type="radio"/> 2 Gastric Artery<br><input type="radio"/> 3 Hepatic Artery<br><input type="radio"/> 4 Splenic Artery<br><input type="radio"/> 5 Superior Mesenteric Artery<br><input type="radio"/> 6 Colic Artery, Right<br><input type="radio"/> 7 Colic Artery, Left<br><input type="radio"/> 8 Colic Artery, Middle<br><input type="radio"/> 9 Renal Artery, Right<br><input type="radio"/> A Renal Artery, Left<br><input type="radio"/> B Inferior Mesenteric Artery<br><input type="radio"/> C Common Iliac Artery, Right<br><input type="radio"/> D Common Iliac Artery, Left<br><input type="radio"/> E Internal Iliac Artery, Right<br><input type="radio"/> F Internal Iliac Artery, Left<br><input type="radio"/> H External Iliac Artery, Right<br><input type="radio"/> J External Iliac Artery, Left<br><input checked="" type="radio"/> K Femoral Artery, Right<br><input type="radio"/> L Femoral Artery, Left<br><input type="radio"/> M Popliteal Artery, Right<br><input type="radio"/> N Popliteal Artery, Left | <input type="radio"/> 0 Open<br><input type="radio"/> 3 Percutaneous<br><input type="radio"/> 4 Percutaneous Endoscopic | <input type="radio"/> 4 Intraluminal Device, Drug-eluting<br><input type="radio"/> 5 Intraluminal Device, Drug-eluting, Two<br><input type="radio"/> 6 Intraluminal Device, Drug-eluting, Three<br><input type="radio"/> 7 Intraluminal Device, Drug-eluting, Four or More<br><input type="radio"/> D Intraluminal Device<br><input type="radio"/> E Intraluminal Device, Two<br><input type="radio"/> F Intraluminal Device, Three<br><input type="radio"/> G Intraluminal Device, Four or More<br><input type="radio"/> Z No Device | <input type="radio"/> 1 Drug-Coated Balloon<br><input type="radio"/> Z No Qualifier |

## 病歷書寫注意事項：

- 呈現目標血管
- 使用的stent數量
- 及是否使用DCB

50



# Ultrasonic Surgical Aspiration of Brain

- The Cavitron Ultrasonic Surgical Aspirator (CUSA) uses ultrasonic frequencies/vibrations to destroy and emulsify target tissues. The ultrasound waves cause the cells to separate from one another while the device irrigates the area with sterile saline. The CUSA then aspirates the fluid back out of the surgical site through a built-in suction tube.
  - Use of a **cavitron ultrasonic surgical aspirator** to remove brain tissue (corpus callosum)
  - 00D00ZZ Extraction of Brain, Open Approach

## 2014年版

## 2023年版

Corpus callosum use Brain

Body Part  Clear

☐ 1 Cerebral Meninges

☐ 2 Dura Mater

Body Part  Clear

☐ 0 Brain

☐ 1 Cerebral Meninges

☐ 2 Dura Mater

☐ 7 Cerebral Hemisphere

Includes: Frontal lobe  
Occipital lobe  
Parietal lobe  
Temporal lobe

病歷書寫注意事項：呈現使用CUSA時處理的組織

53

# Arterial bypass 新增項目

## 2014年版

Description 021 Heart and Great Vessels, Bypass

| Body Part <input type="text"/> Clear                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Approach <input type="text"/> Clear                                                                                     | Device <input type="text"/> Clear                                                                                                                                                                                                                                                                                                                                  | Qualifier <input type="text"/> Clear                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="radio"/> 0 Coronary Artery, One Site<br><input type="radio"/> 1 Coronary Artery, Two Sites<br><input type="radio"/> 2 Coronary Artery, Three Sites<br><input type="radio"/> 3 Coronary Artery, Four or More Sites<br><input type="radio"/> 6 Atrium, Right<br><input type="radio"/> 7 Atrium, Left<br><input type="radio"/> K Ventricle, Right<br><input type="radio"/> L Ventricle, Left<br><input type="radio"/> V Superior Vena Cava<br><input checked="" type="radio"/> W Thoracic Aorta | <input type="radio"/> 0 Open<br><input type="radio"/> 3 Percutaneous<br><input type="radio"/> 4 Percutaneous Endoscopic | <input type="radio"/> 4 Intraluminal Device, Drug-eluting<br><input type="radio"/> 9 Autologous Venous Tissue<br><input type="radio"/> A Autologous Arterial Tissue<br><input type="radio"/> D Intraluminal Device<br><input type="radio"/> J Synthetic Substitute<br><input type="radio"/> K Nonautologous Tissue Substitute<br><input type="radio"/> Z No Device | <input type="radio"/> 3 Coronary Artery<br><input type="radio"/> 4 Coronary Vein<br><input type="radio"/> 5 Coronary Circulation<br><input type="radio"/> 7 Atrium, Left<br><input type="radio"/> 8 Internal Mammary, Right<br><input type="radio"/> 9 Internal Mammary, Left<br><input type="radio"/> B Subclavian<br><input type="radio"/> C Thoracic Artery<br><input type="radio"/> D Carotid<br><input type="radio"/> F Abdominal Artery<br><input type="radio"/> P Pulmonary Trunk<br><input type="radio"/> Q Pulmonary Artery, Right<br><input type="radio"/> R Pulmonary Artery, Left<br><input type="radio"/> W Aorta |

## 2023年版

Description 021 Heart and Great Vessels, Bypass

| Body Part <input type="text"/> Clear                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Approach <input type="text"/> Clear                                                                                     | Device <input type="text"/> Clear                                                                                                                                                                                                                                                                                                                                                                               | Qualifier <input type="text"/> Clear                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="radio"/> 0 Coronary Artery, One Artery<br><input type="radio"/> 1 Coronary Artery, Two Arteries<br><input type="radio"/> 2 Coronary Artery, Three Arteries<br><input type="radio"/> 3 Coronary Artery, Four or More Arteries<br><input type="radio"/> 6 Atrium, Right<br><input type="radio"/> 7 Atrium, Left<br><input type="radio"/> K Ventricle, Right<br><input type="radio"/> L Ventricle, Left<br><input type="radio"/> P Pulmonary Trunk<br><input type="radio"/> Q Pulmonary Artery, Right<br><input type="radio"/> R Pulmonary Artery, Left<br><input type="radio"/> V Superior Vena Cava<br><input checked="" type="radio"/> W Thoracic Aorta, Descending<br><input type="radio"/> X Thoracic Aorta, Ascending/Arch | <input type="radio"/> 0 Open<br><input type="radio"/> 3 Percutaneous<br><input type="radio"/> 4 Percutaneous Endoscopic | <input type="radio"/> 4 Intraluminal Device, Drug-eluting<br><input type="radio"/> 8 Zooplastic Tissue<br><input type="radio"/> 9 Autologous Venous Tissue<br><input type="radio"/> A Autologous Arterial Tissue<br><input type="radio"/> D Intraluminal Device<br><input type="radio"/> J Synthetic Substitute<br><input type="radio"/> K Nonautologous Tissue Substitute<br><input type="radio"/> Z No Device | <input type="radio"/> 3 Coronary Artery<br><input type="radio"/> 4 Coronary Vein<br><input type="radio"/> 5 Coronary Circulation<br><input type="radio"/> 6 Atrium, Right<br><input type="radio"/> 7 Atrium, Left<br><input type="radio"/> 8 Internal Mammary, Right<br><input type="radio"/> 9 Internal Mammary, Left<br><input type="radio"/> A Innominate Artery<br><input type="radio"/> B Subclavian<br><input type="radio"/> C Thoracic Artery<br><input type="radio"/> D Carotid<br><input type="radio"/> E Abdominal Artery<br><input type="radio"/> G Axillary Artery<br><input type="radio"/> H Brachial Artery<br><input type="radio"/> P Pulmonary Trunk<br><input type="radio"/> Q Pulmonary Artery, Right<br><input type="radio"/> R Pulmonary Artery, Left<br><input type="radio"/> S Pulmonary Vein, Right<br><input type="radio"/> T Pulmonary Vein, Left<br><input type="radio"/> U Pulmonary Vein, Confluence<br><input type="radio"/> V Lower Extremity Artery<br><input type="radio"/> W Aorta |

病歷書寫注意事項：

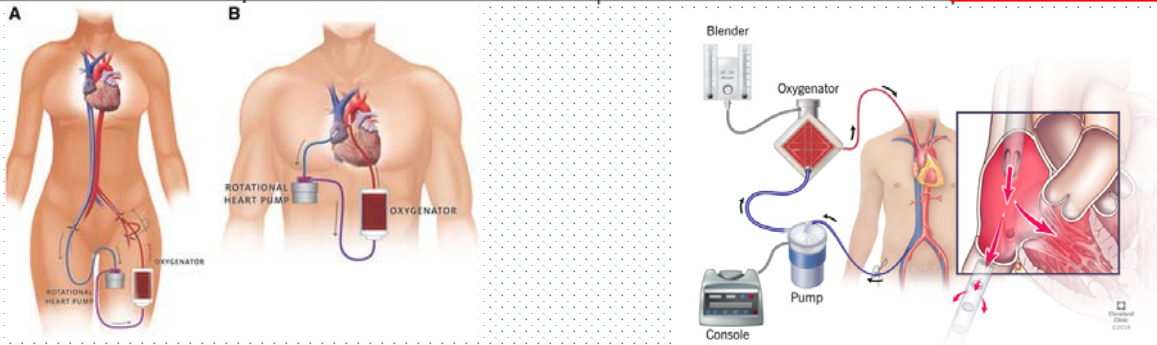
明確呈現繞道的起始與目標血管

54



# ECMO

| Section       | 5                                | Extracorporeal or Systemic Assistance and Performance                                |                                                                                                         |
|---------------|----------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| Body System   | A                                | Physiological Systems                                                                |                                                                                                         |
| Operation     | 1                                | Performance: Completely taking over a physiological function by extracorporeal means |                                                                                                         |
| Body System   | Duration                         | Function                                                                             | Qualifier                                                                                               |
| 5 Circulatory | 2 Continuous<br>A Intraoperative | 2 Oxygenation                                                                        | F Membrane, Central<br>G Membrane, Peripheral<br>Veno-arterial<br>H Membrane, Peripheral<br>Veno-venous |



病歷書寫注意事項：cannulation位置及ECMO模式

55

## ICD-10 PCS 手術碼

### 新科技

## X章節-vertebroplasty with SpineJack

SpineJack® (脊椎千斤頂)是一種是將金屬支架用微創的方式放到椎體中間，利用金屬支架撐開的力量，改善脊椎骨折變形



<https://strykeriv.com/products/families/spinejack-system>

2014年版

0QS03ZZ Reposition Lumbar Vertebra, Percutaneous Approach

0QU03JZ Supplement Lumbar Vertebra with Synthetic Substitute, Percutaneous Approach

2023年版

XNU0356 Supplement Lumbar Vertebra with **Mechanically Expandable (Paired) Synthetic Substitute**, Percutaneous Approach, New Technology Group 6

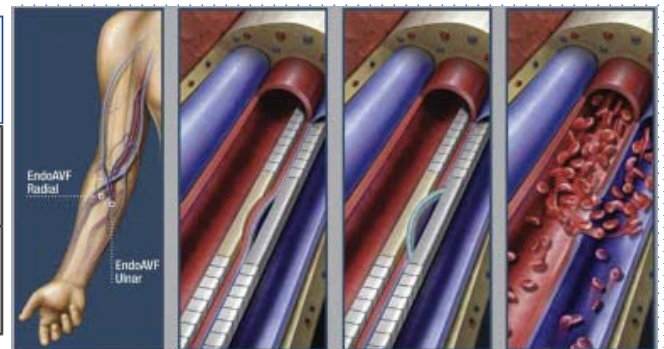
病歷書寫注意事項：手術紀錄應呈現是否使用spinejack

57

## Percutaneous creation of arteriovenous fistula using thermal resistance energy

|              |                         |
|--------------|-------------------------|
| Section:     | X New Technology        |
| Body System: | 2 Cardiovascular System |
| Operation:   | <u>K Bypass</u>         |

| Body Part                                                     | Approach       | Device/<br>Substance/<br>Technology                    | Qualifier                      |
|---------------------------------------------------------------|----------------|--------------------------------------------------------|--------------------------------|
| <u>B Radial Artery, Right</u><br><u>C Radial Artery, Left</u> | 3 Percutaneous | <u>1 Thermal</u><br><u>Resistance</u><br><u>Energy</u> | 7 New<br>Technology<br>Group 7 |



BD WavelinQ™ EndoAVF System  
(radiofrequency)

58

## 病歷書寫注意事項－手術處置

- 了解手術**編碼需求**：肋骨支數、血管條數
- 呈現手術的**目的**：解除沾黏、清除血塊
- 執行手術的**方式**：手術、處置
- 進行手術的**部位**：腸道、腦部不同組織、血管部位
- 手術進行的**程度**：清創深度
- 呈現使用的**特殊醫材**：特定醫材、新醫療技術
- 本次手術**和之前手術的關係**：重次同部位的手術

## ICD-10 改版對DRG的影響

# ICD-10-CM/PCS轉版產生DRG費用落點問題



原手術處置OR Procedure於版本轉換後變Non-OR及原有DRG落點的品項於版本轉換後變無落點

費用不對

01

美國版MS-DRGs改版後不再維護的列表，而台灣版DRGs仍在使用的資料

無法對應

02

轉換後新增章節新醫療科技(X-Code)的歸屬，如何併入DRG中，需要各臨床醫療科界定

無新科技可以歸納

03

過去健保署註記刪除的範圍及為申報需求而設置的虛擬碼，轉版後代碼存續問題，需明確界定釐清。

申報規則改變

04

先前DRG Table因故刪除的項目，在轉換後發生23年版有擴增內容，但Tw-DRGs落點錯置或找不到內容及邏輯與MS-DRG不一的問題

05

CS

## 2023年ICD-10改版對DRG造成的影響\_手術目的



| 版本                                                                                                                             | 2014年                                      |                                                                   | 2023年                                                                                                  |                                                                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|-------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| 處置/代碼/DRG                                                                                                                      | ICD-10-CM/ PCS                             | DRG/RW                                                            | ICD-10-CM/ PCS                                                                                         | DRG/RW                                                                                                                                        |
| decortication                                                                                                                  | OBD(N,P)<br>手術方式 Extraction<br>身體部位Pleural | DRG 07501/07502<br>胸部重大手術(1) · 有/<br>無合併症或併發症<br>RW 3.3490/2.3297 |                                                                                                        |                                                                                                                                               |
| decortication surgery<br>was performed to<br>release the lung.                                                                 |                                            |                                                                   | OB(N,P)<br>手術方式Release<br>身體部位Lung                                                                     | DRG 07501/07502<br>胸部重大手術(1) · 有/無<br>合併症或併發症<br>RW 3.3490/2.3297                                                                             |
| Much blood clot in the<br>pleural cavity<br>Decortication and<br>remove blood clot<br>診斷<br>Hemothorax<br>Traumatic hemothorax |                                            |                                                                   | OWC(9,B)<br>手術方式 Extirpation<br>身體部位Pleural<br>cavity(Non-OR)<br><br>診斷碼J94.2<br><br>外傷診斷碼<br>S27.1XXA | 診斷碼J94.2<br>DRG 085/086<br>胸(肋)膜積水 · 有/無合併<br>症或併發症<br>RW 0.8691/0.5991<br>外傷診斷碼S27.1XXA<br>DRG094/095氣胸 · 有/無<br>合併症或併發症<br>RW 0.4680/0.2846 |



## 2023年ICD-10改版對DRG造成的影響\_OR→non-OR

| 版本<br>病況                                                                                                            | 2014                                                                                   |                                | 2023                                                                     |                                    |
|---------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------|--------------------------------------------------------------------------|------------------------------------|
|                                                                                                                     | CM代碼                                                                                   | PCS代碼                          | CM代碼                                                                     | PCS代碼                              |
| 診斷<br>1.Hickman infection<br>2.ESRD<br>處置<br>Remove Hickman                                                         | T80.219A<br>N18.6                                                                      | 02PY33Z(OR)<br>0JPT0XZ(Non-OR) | T80.219A<br>N18.6                                                        | 02PY33Z(Non-OR)<br>0JPT0XZ(Non-OR) |
| 診斷<br>1.Port-A catheter infection<br>2.Right tonsillar SCC,<br>cT1N2bM0, stage III<br>處置<br>Removal of port-A(Left) | T80.219A<br>C09.9<br>C77.0                                                             | 02PY33Z(OR)<br>0JPT0XZ(Non-OR) | T80.219A<br>C09.9<br>C77.0                                               | 02PY33Z(Non-OR)<br>0JPT0XZ(Non-OR) |
| MDC/DRG/RW                                                                                                          | MDC5<br><b>DRG11002</b><br>開放性動脈瘻管(≥2.5MM)・重大心血<br>管手術(2)・有合併症或併發症<br><b>RW 3.1766</b> |                                | MDC5<br><b>DRG 14401</b><br>其他循環系統診斷(1)・有合併症<br>或併發症<br><b>RW 0.9469</b> |                                    |

## 2023年ICD-10改版對DRG造成的影響\_是否有CC

- Traumatic brain injury with SDH, his consciousness was E4V2M4-6
- 病歷書寫是否提及loss of consciousness及CC，影響DRG落點

| 診斷                                                                                                                                | DRG                                             | RW     |
|-----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|--------|
| S06.5X0A Traumatic subdural hemorrhage <b>without</b><br><b>loss of consciousness</b> , initial encounter                         | 02802 創傷性木僵，無昏迷，年齡大<br>於等於18歲， <b>有</b> 合併症或併發症 | 0.7793 |
|                                                                                                                                   | 02902 創傷性木僵，無昏迷，年齡大<br>於等於18歲， <b>無</b> 合併症或併發症 | 0.4390 |
| S06.5X9A Traumatic subdural hemorrhage <b>with</b><br><b>loss of consciousness of unspecified duration</b> , initial<br>encounter | 02701 創傷性木僵及昏迷，昏迷超過<br>1小時， <b>有</b> 合併症或併發症    | 0.9446 |
|                                                                                                                                   | 02702 創傷性木僵及昏迷，昏迷超過<br>1小時， <b>無</b> 合併症或併發症    | 0.5003 |

## 2023年ICD-10改版對DRG造成的影響\_主診診斷

| 版本                                                                                                                                                                                            | 2014年     |                                                                                                                               | 2023年                        |                                                                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------------------------------------------------------------------------------------------------------------------------|------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| 診斷/代碼/DRG                                                                                                                                                                                     | ICD-10-CM | DRG/RW                                                                                                                        | ICD-10-CM                    | DRG/RW                                                                                                                         |
| Necrotizing enterocolitis<br>necrotizing enterocolitis due to<br><b>Clostridium difficile</b>                                                                                                 | A04.7     | DRG183<br>食道炎、胃腸炎及各種消化性疾病，年齡大於等於18歲，無合併症或併發症<br>RW 0.2971<br><br>DRG 18402<br>食道炎、胃腸炎及各種消化性疾病，年齡大於等於18歲，無合併症或併發症<br>RW 0.2551 | <b>K55.30(主診)<br/>A04.72</b> | DRG 18905<br>其他消化系統診斷(5)，年齡大於等於18歲，無合併症或併發症<br>RW 0.3660<br><br>DRG 19010<br>其他消化系統診斷(5)，年齡0-17歲，無合併症或併發症<br>RW 0.3760         |
| <b>K55.3 Necrotizing enterocolitis</b><br><b>Excludes1:</b> necrotizing enterocolitis of newborn (P77.-)<br><b>Excludes2:</b> necrotizing enterocolitis due to Clostridium difficile (A04.7-) |           |                                                                                                                               | <b>A04.72(主診)<br/>K55.30</b> | DRG 182<br>食道炎、胃腸炎及各種消化性疾病，年齡大於等於18歲，有合併症或併發症<br>RW 0.4662<br><br>DRG 18401<br>食道炎、胃腸炎及各種消化性疾病，年齡大於等於18歲，有合併症或併發症<br>RW 0.3527 |

2023改為Excludes 2, K55.3與A04.7可同時編碼  
可依病人的入院情況，選取主診

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## 2023年ICD-10改版對DRG造成的影響\_OR → Non-OR



| section                                            | body system                                    | code數 |
|----------------------------------------------------|------------------------------------------------|-------|
| 0 Medical and Surgical                             | 0 Central Nervous System and Cranial Nerves    | 37    |
| 0 Medical and Surgical                             | 1 Peripheral Nervous System                    | 50    |
| 0 Medical and Surgical                             | 2 Heart and Great Vessels                      | 44    |
| 0 Medical and Surgical                             | 3 Upper Arteries                               | 39    |
| 0 Medical and Surgical                             | 4 Lower Arteries                               | 40    |
| 0 Medical and Surgical                             | 5 Upper Veins                                  | 35    |
| 0 Medical and Surgical                             | 6 Lower Veins                                  | 42    |
| 0 Medical and Surgical                             | 7 Lymphatic and Hemic Systems                  | 44    |
| 0 Medical and Surgical                             | 8 Eye                                          | 51    |
| 0 Medical and Surgical                             | 9 Ear, Nose, Sinus                             | 29    |
| 0 Medical and Surgical                             | B Respiratory System                           | 160   |
| 0 Medical and Surgical                             | C Mouth and Throat                             | 35    |
| 0 Medical and Surgical                             | D Gastrointestinal System                      | 127   |
| 0 Medical and Surgical                             | F Hepatobiliary System and Pancreas            | 62    |
| 0 Medical and Surgical                             | G Endocrine System                             | 16    |
| 0 Medical and Surgical                             | H Skin and Breast                              | 47    |
| 0 Medical and Surgical                             | J Subcutaneous Tissue and Fascia               | 83    |
| 0 Medical and Surgical                             | K Muscles                                      | 34    |
| 0 Medical and Surgical                             | L Tendons                                      | 58    |
| 0 Medical and Surgical                             | M Bursae and Ligaments                         | 41    |
| 0 Medical and Surgical                             | N Head and Facial Bones                        | 80    |
| 0 Medical and Surgical                             | P Upper Bones                                  | 85    |
| 0 Medical and Surgical                             | Q Lower Bones                                  | 80    |
| 0 Medical and Surgical                             | R Upper Joints                                 | 120   |
| 0 Medical and Surgical                             | S Lower Joints                                 | 90    |
| 0 Medical and Surgical                             | T Urinary System                               | 81    |
| 0 Medical and Surgical                             | W Anatomical Regions, General                  | 37    |
| 0 Medical and Surgical                             | X Anatomical Regions, Upper Extremities        | 2     |
| 0 Medical and Surgical                             | Y Anatomical Regions, Lower Extremities        | 10    |
| 3 Administration                                   | 0 Circulatory                                  | 8     |
| 3 Administration                                   | E Physiological Systems and Anatomical Regions | 50    |
| 4 Measurement and Monitoring                       | A Physiological Systems                        | 9     |
| B Imaging                                          | F Hepatobiliary System and Pancreas            | 6     |
| F Physical Rehabilitation and Diagnostic Audiology | O Rehabilitation                               | 5     |

| section                                            | operation           | code數 |
|----------------------------------------------------|---------------------|-------|
| 0 Medical and Surgical                             | 0 Alteration        | 3     |
| 0 Medical and Surgical                             | 1 Bypass            | 2     |
| 0 Medical and Surgical                             | 5 Destruction       | 6     |
| 0 Medical and Surgical                             | 7 Dilatation        | 12    |
| 0 Medical and Surgical                             | 8 Division          | 21    |
| 0 Medical and Surgical                             | 9 Drainage          | 713   |
| 0 Medical and Surgical                             | B Excision          | 28    |
| 0 Medical and Surgical                             | C Extirpation       | 19    |
| 0 Medical and Surgical                             | D Extraction        | 22    |
| 0 Medical and Surgical                             | F Fragmentation     | 32    |
| 0 Medical and Surgical                             | H Insertion         | 94    |
| 0 Medical and Surgical                             | J Inspection        | 159   |
| 0 Medical and Surgical                             | L Occlusion         | 12    |
| 0 Medical and Surgical                             | N Release           | 33    |
| 0 Medical and Surgical                             | P Removal           | 290   |
| 0 Medical and Surgical                             | Q Repair            | 149   |
| 0 Medical and Surgical                             | S Reposition        | 14    |
| 0 Medical and Surgical                             | U Supplement        | 3     |
| 0 Medical and Surgical                             | W Revision          | 47    |
| 3 Administration                                   | 0 Introduction      | 50    |
| 3 Administration                                   | Z Transfusion       | 8     |
| 4 Measurement and Monitoring                       | 0 Measurement       | 7     |
| 4 Measurement and Monitoring                       | 1 Monitoring        | 2     |
| B Imaging                                          | 0 Plain Radiography | 6     |
| F Physical Rehabilitation and Diagnostic Audiology | D Device Fitting    | 5     |

| section                                            | approach                                                | code數 |
|----------------------------------------------------|---------------------------------------------------------|-------|
| 0 Medical and Surgical                             | 0 Open                                                  | 37    |
| 0 Medical and Surgical                             | 3 Percutaneous                                          | 986   |
| 0 Medical and Surgical                             | 4 Percutaneous Endoscopic                               | 15    |
| 0 Medical and Surgical                             | 7 Via Natural or Artificial Opening                     | 162   |
| 0 Medical and Surgical                             | 8 Via Natural or Artificial Opening Endoscopic          | 196   |
| 0 Medical and Surgical                             | X External                                              | 263   |
| 3 Administration                                   | 3 Percutaneous                                          | 26    |
| 3 Administration                                   | 7 Via Natural or Artificial Opening                     | 16    |
| 3 Administration                                   | X External                                              | 16    |
| 4 Measurement and Monitoring                       | 3 Percutaneous                                          | 6     |
| 4 Measurement and Monitoring                       | 7 Via Natural or Artificial Opening                     | 2     |
| 4 Measurement and Monitoring                       | 8 Via Natural or Artificial Opening Endoscopic          | 1     |
| B Imaging                                          | 0 High Osmolar                                          | 2     |
| B Imaging                                          | 1 Low Osmolar                                           | 2     |
| B Imaging                                          | Y Other Contrast                                        | 2     |
| F Physical Rehabilitation and Diagnostic Audiology | 8 Prosthesis                                            | 1     |
| F Physical Rehabilitation and Diagnostic Audiology | 9 Assistive, Adaptive, Supportive or Protective Devices | 4     |

健保署2023 OR原則採用MS-DRG歸類

**OR改為Non-OR共1737個代碼**

留在OR：  
0B113F4、0B113Z4、02B70ZK、  
02L70CK、02L70DK、02L70ZK  
仍為NON-OR：02B73ZK、  
02L73CK、02L73DK、02L73ZK

## 2023年ICD-10改版對DRG造成的影響\_ OR → Non-OR

| ICD-10  | 2023 英文名稱                                                                                  |
|---------|--------------------------------------------------------------------------------------------|
| 0D767DZ | Dilation of Stomach with Intraluminal Device, Via Natural or Artificial Opening            |
| 0D767ZZ | Dilation of Stomach, Via Natural or Artificial Opening                                     |
| 0D768DZ | Dilation of Stomach with Intraluminal Device, Via Natural or Artificial Opening Endoscopic |
| 0D768ZZ | Dilation of Stomach, Via Natural or Artificial Opening Endoscopic                          |
| 0D777DZ | Dilation of Stomach, Pylorus with Intraluminal Device, Via Natural or Artificial Opening   |
| 0D777ZZ | Dilation of Stomach, Pylorus, Via Natural or Artificial Opening                            |
| 0D9130Z | Drainage of Upper Esophagus with Drainage Device, Percutaneous Approach                    |
| 0D913ZZ | Drainage of Upper Esophagus, Percutaneous Approach                                         |
| 0D767DZ | Dilation of Stomach with Intraluminal Device, Via Natural or Artificial Opening            |
| 0D767ZZ | Dilation of Stomach, Via Natural or Artificial Opening                                     |
| 0D768DZ | Dilation of Stomach with Intraluminal Device, Via Natural or Artificial Opening Endoscopic |
| 0D768ZZ | Dilation of Stomach, Via Natural or Artificial Opening Endoscopic                          |

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## 2023年ICD-10改版對DRG造成的影響\_ Non-OR → OR

| section                | body system                                 | code數 | section                | operation     | code數 | section                | approach                                       | code數 |
|------------------------|---------------------------------------------|-------|------------------------|---------------|-------|------------------------|------------------------------------------------|-------|
| 0 Medical and Surgical | 0 Central Nervous System and Cranial Nerves | 22    | 0 Medical and Surgical | 1 Bypass      | 16    | 0 Medical and Surgical | 0 Open                                         | 99    |
| 0 Medical and Surgical | 2 Heart and Great Vessels                   | 24    | 0 Medical and Surgical | 3 Control     | 1     | 0 Medical and Surgical | 3 Percutaneous                                 | 65    |
| 0 Medical and Surgical | 4 Lower Arteries                            | 1     | 0 Medical and Surgical | 5 Destruction | 6     | 0 Medical and Surgical | 4 Percutaneous Endoscopic                      | 76    |
| 0 Medical and Surgical | 6 Lower Veins                               | 2     | 0 Medical and Surgical | 7 Dilation    | 3     | 0 Medical and Surgical | 7 Via Natural or Artificial Opening            | 1     |
| 0 Medical and Surgical | B Respiratory System                        | 2     | 0 Medical and Surgical | 8 Division    | 6     | 0 Medical and Surgical | 8 Via Natural or Artificial Opening Endoscopic | 5     |
| 0 Medical and Surgical | C Mouth and Throat                          | 4     | 0 Medical and Surgical | 9 Drainage    | 31    |                        |                                                |       |
| 0 Medical and Surgical | D Gastrointestinal System                   | 2     | 0 Medical and Surgical | B Excision    | 57    |                        |                                                |       |
| 0 Medical and Surgical | F Hepatobiliary System and Pancreas         | 1     | 0 Medical and Surgical | C Extirpation | 43    |                        |                                                |       |
| 0 Medical and Surgical | G Endocrine System                          | 111   | 0 Medical and Surgical | H Insertion   | 40    |                        |                                                |       |
| 0 Medical and Surgical | J Subcutaneous Tissue and Fascia            | 41    | 0 Medical and Surgical | L Occlusion   | 5     |                        |                                                |       |
| 0 Medical and Surgical | M Bursae and Ligaments                      | 6     | 0 Medical and Surgical | N Release     | 7     |                        |                                                |       |
| 0 Medical and Surgical | P Upper Bones                               | 2     | 0 Medical and Surgical | P Removal     | 7     |                        |                                                |       |
| 0 Medical and Surgical | R Upper Joints                              | 8     | 0 Medical and Surgical | Q Repair      | 10    |                        |                                                |       |
| 0 Medical and Surgical | S Lower Joints                              | 8     | 0 Medical and Surgical | R Replacement | 2     |                        |                                                |       |
| 0 Medical and Surgical | T Urinary System                            | 5     | 0 Medical and Surgical | S Reposition  | 4     |                        |                                                |       |
| 0 Medical and Surgical | U Female Reproductive System                | 1     | 0 Medical and Surgical | T Resection   | 5     |                        |                                                |       |
| 0 Medical and Surgical | W Anatomical Regions, General               | 6     | 0 Medical and Surgical | W Revision    | 3     |                        |                                                |       |

健保署2023 OR原則採用MS-DRG歸類

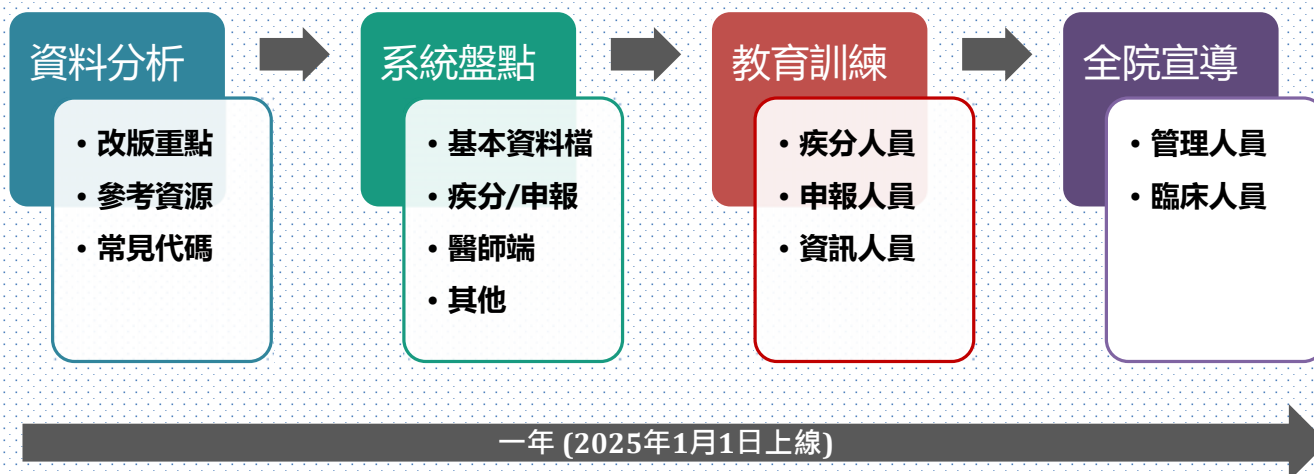
Non-OR改為OR共246個代碼

## 2023年ICD-10改版對DRG造成的影響\_ Non-OR→ OR

| ICD-10  | 2023 英文名稱                                                                      |
|---------|--------------------------------------------------------------------------------|
| 0D9W40Z | Drainage of Peritoneum with Drainage Device, Percutaneous Endoscopic Approach  |
| 0D9W4ZZ | Drainage of Peritoneum, Percutaneous Endoscopic Approach                       |
| 0DB64ZX | Excision of Stomach, Percutaneous Endoscopic Approach, Diagnostic              |
| 0F9440Z | Drainage of Gallbladder with Drainage Device, Percutaneous Endoscopic Approach |
| 0F944ZX | Drainage of Gallbladder, Percutaneous Endoscopic Approach, Diagnostic          |
| 0F944ZZ | Drainage of Gallbladder, Percutaneous Endoscopic Approach                      |
| 0FC94ZZ | Extirpation of Matter from Common Bile Duct, Percutaneous Endoscopic Approach  |

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醫師和疾分師的討論能夠更精確定位編碼



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病歷書寫注意事項



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