

衛生福利部國民健康署

Health Promotion Administration, Ministry of Health and Welfare

111年3月罕見疾病通報個案統計表

Statistical Report of Rare Disease Confirmed Cases in Taiwan, MAR, 2022

統計期間: 個案數至111年3月31日及死亡數至110年12月31日

Statistical Period: The Number of Cases until 31<sup>st</sup> MAR 2022 and deaths until 31<sup>st</sup> DEC 2021

製表時間: 111年6月13

Tabulation Date: 13<sup>th</sup> JUN 2022

| 分類序號<br>No.   | 疾病名稱<br>The name of each disorder or disease                                       | ICD10碼<br>ICD-10-CM | 個案數<br>The Number<br>of Cases | 死亡數<br>The Number<br>of Deaths |
|---|--|---------------------|-------------------------------|--------------------------------|
| <b>A 先天性代謝異常 Congenital metabolic disorders</b>                     |  |                     |                               |                                |
| ◎A1 尿素循環代謝異常 Urea cycle disorders (高血氨症)                            |  |                     |                               |                                |
| 01  | Congenital urea cycle disorders(先天性尿素循環代謝障礙)                                       | E72.20              | 79                            | 27                             |
| 02  | Citrullinemia(瓜胺酸血症)   | E72.23              | 112                           | 2                              |
| 03  | Nitroacetylglutamate synthetase deficiency,NAG synthetase deficiency(乙醯穀胺酸合成酶缺乏症)  | E72.29              | 0                             | 0                              |
| 04  | Ornithine transcarbamylase deficiency(鳥胺酸氮甲醯基轉移酶缺乏症)                               | E72.4               | 26                            | 5                              |
| 05  | Hyperornithinemia-Hyperammonemia-Homocitrullinuria Syndrome(高鳥胺酸血症-高氨血症-高瓜胺酸血症症候群) | E72.4               | 2                             | 0                              |
| ◎ A2 胺基酸/有機酸代謝異常 Amino acid metabolic disorders / Organic acidemias |  |                     |                               |                                |
| 01  | Amino acid metabolic disorders(Aminoacidopathies)(胺基酸代謝疾病)                         | E72.8               | 13                            | 3                              |
| 02  | Homocystinuria(高胱胺酸血症)   | E72.11              | 34                            | 1                              |
| 03  | Hypermethioninemia(高甲硫胺酸血症)  | E72.19              | 30                            | 1                              |
| 04  | Nonketotic hyperglycinemia(非酮性高甘胺酸血症)  | E72.51              | 26                            | 16                             |
| 05  | Phenylketouria(苯酮尿症)   | E70.0               | 303                           | 2                              |
| 06  | Tetrahydrobiopterin deficiency(四氫基喋呤缺乏症)   | E70.1               | 6                             | 0                              |
| 07  | Hereditary tyrosinemia(遺傳性高酪胺酸血症)  | E70.21              | 11                            | 1                              |
| 08  | Maple syrup urine disease(楓糖尿症)  | E71.0               | 39                            | 11                             |
| 09  | Organic acidemias(有機酸血症)   | E71.118             | 23                            | 2                              |
| 10  | Isovaleric academia(異戊酸血症)   | E71.110             | 14                            | 2                              |
| 11  | Glutaric aciduria typeI、II(戊二酸尿症，第一型、第二型)  | E72.3<br>E71.313    | 100                           | 11                             |
| 12  | Propionic academia(丙酸血症)   | E71.121             | 17                            | 5                              |
| 13  | Methylmalonic acidemia (甲基丙二酸血症)   | E71.120             | 68                            | 12                             |
| 14  | 3-Hydroxy-3-methyl-glutaric acidemia(3-氫基-3-甲基戊二酸血症)                               | E71.118             | 7                             | 0                              |
| 15  | PAH type PKU combine with Sucrase-isomaltase deficiency(典型苯酮尿症合併蔗糖酶同麥芽糖酶缺乏症)       | E74.31<br>E70.0     | 2                             | 0                              |
| 16  | Hyperlysinemia(高離氨基酸血症)  | E72.3               | 0                             | 0                              |
| 17  | Histidinemia(組胺酸血症)  | E70.41              | 0                             | 0                              |
| 18  | 3-Methylcrotonyl-CoA carboxylase deficiency(三甲基巴豆醯輔酶 A 羧化酵素缺乏症)                    | E71.19              | 72                            | 0                              |

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|--|---|--|-------------------------------|--------------------------------|
| 19   | Multiple carboxylase deficiency(多發性羧化酶缺乏症)  | D81.819  | 9                             | 0                              |
| 20   | Hyperprolinemia(高脯胺酸血症)   | E72.59   | 2                             | 0                              |
| 21   | Aromatic L-amino acid decarboxylase deficiency(芳香族 L-胺<br>基酸類脫羧基酶缺乏症)                                       | E70.9  | 60                            | 18                             |
| 22   | Tyrosine hydroxylase deficiency(酪胺酸羥化酶缺乏症)  | E70.20   | 12                            | 1                              |
| 23   | Cobalamin C defect (Methylmalonic aciduria and<br>Homocystinuria, cbl C type)(甲基丙二酸血症併高胱胺酸血<br>症 (Cbl C 型)) | E71.120<br>+E72.11   | 2                             | 0                              |
| ◎ A3脂質儲積 Lipid storage disorders               |   |  |                               |                                |
| 01   | Gaucher's disease(高雪氏症)   | E75.22   | 42                            | 8                              |
| 02   | GM1/GM2 gangliosidosis(GM1/GM2神經節苷脂儲積症)   | E75.19<br>E75.00   | 6                             | 6                              |
| 03   | Fabry disease(Fabry 氏症)   | E75.21   | 464                           | 45                             |
| 04   | Niemann-Pick disease(Niemann-Pick 氏症，鞘髓磷脂儲積症)   | E75.240<br>E75.241<br>E75.242<br>E75.243<br>E75.248<br>E75.249                               | 34                            | 13                             |
| 05   | Metachromatic Leukodystrophy(MLD)(MLD 症候群)  | E75.25   | 21                            | 12                             |
| 06   | Globoid Cell Leukodystrophy (Krabbe's disease)(球細胞腦白<br>質失養症)   | E75.23   | 1                             | 0                              |
| 07   | Infantile form Lysosomal Acid Lipase Deficiency (Wolman<br>Disease)(嬰兒型溶酶體酸性脂肪酶缺乏症(又稱伍爾曼氏<br>症))            | E75.5  | 1                             | 0                              |
| ◎ A4碳水化合物代謝異常 Carbohydrate metabolic disorders |   |  |                               |                                |
| 01   | Galactosemia(半乳糖血症)   | E74.21<br>E74.09<br>E74.01   | 29                            | 0                              |
| 02   | Glycogen storage disease(肝醣儲積症)   | E74.02<br>E74.03<br>E74.09<br>E74.04   | 248                           | 50                             |
| 03   | Glut(Glucose Transport)1 deficiency syndrome(腦血管屏障葡<br>萄糖輸送缺陷)  | E74.8  | 10                            | 0                              |
| 04   | Transaldolase deficiency(轉醛醇酶缺乏症)   | E74.8  | 1                             | 0                              |
| ◎ A5脂肪酸氧化異常 Fatty acid oxidation disorders     |   |  |                               |                                |
| 01   | Fatty acid oxidation defect(脂肪酸氧化作用缺陷)  | E71.30<br>E71.310<br>E71.311<br>E71.312<br>E71.313<br>E71.314<br>E71.318<br>E71.32<br>E71.39 | 46                            | 3                              |
| 02   | Carnitine deficiency syndrome, primary(原發性肉鹼缺乏症)  | E71.41   | 205                           | 8                              |
| 03   | Medium-chain acyl-coenzyme A dehydrogenase<br>deficiency(MCAD)(中鏈脂肪酸去氫酵素缺乏症)                                | E71.311  | 8                             | 0                              |

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| 04  | Short-chain acyl-CoA dehydrogenase deficiency(短鏈脂肪酸去氫酶缺乏症)                           | E71.312                       | 8                             | 1                              |
| ◎ A6粒線體代謝異常 Mitochondrial disorders             |  |                               |                               |                                |
| 01  | Mitochondrial defect(粒線體缺陷)  | E88.40<br>H49.811             | 373                           | 89                             |
| 02  | Kearns-Sayre syndrome(Kearns-Sayre 氏症候群)   | H49.812<br>H49.813<br>H49.819 | 5                             | 2                              |
| 03  | Leigh disease(Leigh 氏童年期腦脊髓病變)   | G31.82                        | 27                            | 12                             |
| 04  | MELAS(MELAS 症候群)   | E88.41                        | 114                           | 38                             |
| 05  | Mitochondrial Neurogastrointestinal Encephalopathy Syndrome(MNGIE 症候群粒線體性神經胃腸腦病變症候群) | E88.49                        | 4                             | 1                              |
| 06  | Pyruvate dehydrogenase deficiency(丙酮酸鹽脫氫酶缺乏症)  | E74.4                         | 5                             | 1                              |
| 07  | Barth Syndrome(巴氏症候群)  | E78.71                        | 4                             | 0                              |
| 08  | Leber's hereditary optic neuropathy(雷伯氏遺傳性視神經病變)                                     | H47.22                        | 3                             | 0                              |
| ◎ A7溶小體代謝異常 Lysosomal storage disorders         |  |                               |                               |                                |
| 01  | Cystinosis(胱胺酸血症)  | E72.04                        | 7                             | 0                              |
| 02  | Mucopolysaccharidoses(黏多醣症)  | E76.3                         | 201                           | 81                             |
| 03  | Fucosidosis(岩藻糖代謝異常(儲積症))  | E77.1                         | 5                             | 1                              |
| 04  | Sialidosis(涎酸酵素缺乏症)  | E77.1                         | 34                            | 8                              |
| 05  | Mucopolipidosis(黏脂質症)  | E77.0<br>E75.11               | 11                            | 1                              |
| 06  | Neuronal ceroid lipofuscinosis(神經元蠟樣脂褐質儲積症)  | E75.4                         | 8                             | 4                              |
| 07  | Multiple sulfatase deficiency(多發性硫酸脂酶缺乏症)  | E75.29                        | 2                             | 0                              |
| ◎ A8膽固醇及脂質代謝異常 Cholesterol and Lipid metabolism |  |                               |                               |                                |
| 01  | Homozygous familial hypercholesterolemia(同合子家族性高膽固醇血症)                               | E78.0                         | 66                            | 2                              |
| 02  | Familial Hyperchylomicronemia(家族性高乳糜微粒血症)  | E78.3                         | 16                            | 0                              |
| 03  | Sitosterolemia(豆固醇血症 〈植物性〉)  | E78.0                         | 8                             | 0                              |
| ◎ A9礦物離子缺陷 Metal metabolic disorders            |  |                               |                               |                                |
| 01  | Wilson's disease(威爾森氏症)  | E83.01                        | 681                           | 64                             |
| 02  | Menkes syndrome(Menkes 症候群)  | E83.09                        | 16                            | 10                             |
| 03  | Molybdenum cofactor deficiency(鉬輔酶缺乏症)   | E61.5                         | 4                             | 1                              |
| ◎ A10過氧化體代謝異常 Peroxisomal disorders             |  |                               |                               |                                |
| 01  | Zellweger syndrome(Zellweger 氏症候群)   | E71.510<br>E71.511<br>E71.520 | 9                             | 5                              |
| 02  | Adrenoleukodystrophy(腎上腺腦白質失養症)  | E71.521<br>E71.528<br>E71.529 | 84                            | 32                             |
| 03  | Rhizomelic Chondrodysplasia Punctata(肢近端型點狀軟骨發育不良)                                   | E71.540                       | 1                             | 0                              |
| ◎ A11其他代謝異常 Other metabolic disorders           |  |                               |                               |                                |

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| 01          | Porphyria(紫質症)   | E80.20<br>E80.21<br>E80.29 | 126                           | 3                              |
| 02          | Lesch-Nyhan syndrome(Lesch-Nyhan 氏症候群)                       | E79.1                      | 15                            | 3                              |
| 03          | Sulfite oxidase deficiency(亞硫酸鹽氧化酶缺乏)                        | E72.19                     | 12                            | 6                              |
| 04          | Carbohydrate-deficiency glycoprotein syndrome(碳水化合物缺乏醣蛋白症候群) | E77.8                      | 16                            | 2                              |
| 05          | Trimethylaminuria(三甲基胺尿症)                                    | E72.52                     | 12                            | 0                              |
| 06          | Congenital generalized lipodystrophy(先天性全身脂質營養不良症)           | E88.1                      | 32                            | 13                             |
| 07          | Cerebrotendinous Xanthomatosis(腦腱性黃瘤症)                       | E75.5                      | 8                             | 2                              |
| 08          | Hypophosphatasia(低磷酸酯酶症)                                     | E83.39<br>E83.31           | 5                             | 1                              |
| 09          | Beta-Ketothiolase Deficiency(Beta 硫解酶缺乏症)                    | E71.19                     | 0                             | 0                              |
| 10          | Biotinidase Deficiency(生物素酶缺乏症)                              | D81.810                    | 8                             | 0                              |

### B 腦部或神經系統病變 Brain / Nervous system disorders

|    |   |                                      |       |       |
|----|---|--------------------------------------|-------|-------|
| 01 | Multiple sclerosis , MS/Neuromyelitis Optica Spectrum Disorders , NMOSD(多發性硬化症/泛視神經脊髓炎) | G35/<br>G36.0                        | 2,155 | 215   |
| 02 | Amyotrophic lateral sclerosis (ALS) (肌萎縮性側索硬化症)   | G12.21                               | 1,751 | 1,125 |
| 03 | Ataxia telangiectasia(共濟失調微血管擴張症候群)   | G11.3                                | 15    | 4     |
| 04 | Huntington disease(又稱 Huntington's chorea) (亨丁頓氏舞蹈症)                                    | G10                                  | 445   | 152   |
| 05 | Rett syndrome(雷特氏症)   | F84.2                                | 172   | 7     |
| 06 | Spinal muscular atrophy(脊髓性肌肉萎縮症)   | G12.9                                | 511   | 86    |
| 07 | Spinocerebellar ataxia (脊髓小腦退化性動作協調障礙)  | G11.1                                | 1,447 | 461   |
| 08 | Tuberous sclerosis(結節性硬化症)  | Q85.1                                | 730   | 41    |
| 09 | Congenital insensitivity to pain with anhidrosis(CIPA)(先天性痛不敏感症合併無汗症)                   | L74.4                                | 11    | 2     |
| 10 | Neurofibromatosis type II(神經纖維瘤症候群第二型)  | Q85.02                               | 99    | 19    |
| 11 | Alexander disease (Alexander 氏病)  | E75.29                               | 8     | 2     |
| 12 | Stiffperson syndrome(僵體症候群)   | G25.82                               | 23    | 4     |
| 13 | Hereditary spastic paraplegia(遺傳性痙攣性下身麻痺)   | G11.4                                | 163   | 7     |
| 14 | Joubert syndrome(Joubert 氏症候群(家族性小腦蚓部發育不全))   | Q04.3                                | 14    | 2     |
| 15 | Pelizaeus-Merzbacher Disease(Pelizaeus-Merzbacher 氏症(慢性兒童型腦硬化症))                        | E75.29                               | 24    | 1     |
| 16 | Charcot Marie Tooth Disease(夏柯-馬利-杜斯氏症)   | G60.0                                | 485   | 18    |
| 17 | Kennedy Disease(甘迺迪氏症(脊髓延髓性肌肉萎縮症))  | G12.20<br>G12.21<br>G12.22<br>G12.29 | 111   | 11    |
| 18 | Familial Amyloidotic Polyneuropathy(家族性澱粉樣多發性神經病變)                                      | E85.1                                | 219   | 77    |
| 19 | Moebius syndrome(Moebius 症候群)   | Q87.0                                | 19    | 7     |
| 20 | McLeod syndrome(McLeod 症候群)   | J43.0                                | 2     | 1     |

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| 21          | Aicardi-Goutieres syndrome( Aicardi-Goutieres 症候群)   | G31.89              | 2                          | 1                           |
| 22          | Proteus Syndrome( 普洛提斯症候群)   | Q87.3               | 2                          | 0                           |
| 23          | Methyl CpG binding protein 2 Duplication Syndrome(MECP2 Duplication Syndrome)(MECP2 綜合症候群) | Q99.8               | 9                          | 0                           |
| 24          | Cerebro-Costo-Mandibular Syndrome(腦肋小頷症候群)   | Q87.89              | 3                          | 0                           |
| 25          | Dravet Syndrome (DS)(Dravet 症候群)   | G40.311             | 89                         | 1                           |
| 26          | Vanishing White Matter Disease(腦白質消失症)   | G37.8               | 1                          | 1                           |
| 27          | Pantothenate Kinase Associated Neurodegeneration (PKAN)(泛酸鹽激酶關聯之神經退化性疾病)                   | G23.0               | 17                         | 3                           |
| 28          | Phospholipase A2-associated Neurodegeneration(PLAN)(磷脂質脂解酶 A2關聯之神經退化性疾病)                   | G23.0               | 2                          | 0                           |
| 29          | Pitt-Hopkins Syndrome(皮特-霍普金斯症候群)  | Q87.0               | 3                          | 0                           |

### C 呼吸循環系統病變 Respiratory and circulatory system disorders

|    |  |        |     |     |
|----|--|--------|-----|-----|
| 01 | Idiopathic Infantile Arterial Calcification(特發性嬰兒動脈硬化症)    | Q28.8  | 2   | 1   |
| 02 | Cystic fibrosis (囊狀纖維化症)                                   | E84.9  | 21  | 7   |
| 03 | Primary Pulmonary Hypertension(PPH)(特發性或遺傳性肺動脈高壓)          | I27.0  | 567 | 190 |
| 04 | Holt-Oram Syndrome(Holt-Oram 氏症候群)                         | Q87.2  | 6   | 0   |
| 05 | Andersen syndrome(Andersen 氏症候群(心節律障礙暨週期性麻痺症候群；鉀離子通道病變))   | E74.09 | 4   | 0   |
| 06 | Hereditary Hemorrhagic Telangiectasia(遺傳性出血性血管擴張症)         | I78.0  | 29  | 7   |
| 07 | Asphyxiating thoracic dystrophy(窒息性胸腔失養症)                  | Q77.2  | 0   | 0   |
| 08 | Congenital Central Hypoventilation Syndrome(先天性中樞性換氣不足症候群) | G47.35 | 13  | 1   |

### D 消化系統病變 Digestive system disorders

|    |  |        |    |   |
|----|--|--------|----|---|
| 01 | Progressive intrahepatic cholestasis(PFIC)(進行性家族性肝內膽汁滯留症)  | K83.1  | 20 | 5 |
| 02 | Inborn errors of bile acid synthesis(先天性膽酸合成障礙)  | E78.70 | 4  | 0 |
| 03 | $\alpha$ 1- Antitrypsin deficiency( $\alpha$ 1-抗胰蛋白酶缺乏症)   | E88.01 | 0  | 0 |
| 04 | Congenital Interstitial Cell of Cajal Hyperplasia with Neuronal Intestinal Dysplasia(先天性 Cajal 氏間質細胞增生合併腸道神經元發育異常) | Q43.8  | 1  | 1 |
| 05 | Alagille Syndrome(阿拉吉歐症候群)   | Q44.7  | 17 | 1 |

### E 腎臟泌尿系統病變 Kidney and urinary system disorders

|    |  |        |    |   |
|----|--|--------|----|---|
| 01 | Lowe syndrome(Lowe 氏症候群)                                     | E72.03 | 23 | 2 |
| 02 | Bartter's syndrome(Bartter 氏症候群)                             | E26.81 | 85 | 1 |
| 03 | Autosomal recessive polycystic kidney disease(體染色體隱性多囊性腎臟疾病) | Q61.19 | 9  | 2 |
| 04 | Alport syndrome(亞伯氏症候群)                                      | Q87.81 | 2  | 0 |

### F 皮膚病變 Skin disorders

|    |  |       |     |   |
|----|--|-------|-----|---|
| 01 | Hereditary epidermolysis bullosa (遺傳性表皮分解性水泡症) | Q81.0 | 137 | 8 |
|----|--|-------|-----|---|

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|  |  | Q81.1               |                               |                                |
|  |  | Q81.2               |                               |                                |
|  |  | Q81.8               |                               |                                |
|  |  | Q81.9               |                               |                                |
| 02   | Lchthyosis, lamellar recessive(層狀魚鱗癬(自體隱性遺傳型))   | Q80.2               | 20                            | 5                              |
| 03   | Collodion baby(膠膜兒)  | Q80.2               | 1                             | 0                              |
| 04   | Harlequin ichthyosis(斑色魚鱗癬)  | Q80.4               | 3                             | 1                              |
| 05   | Bullous Congenital ichthyosiform erythroderma(epidermolytic hyperkeratosis)(水泡型先天性魚鱗癬樣紅皮症(表皮鬆解性角化過度症)) | Q80.3               | 28                            | 2                              |
| 06   | Ectodermal Dysplasias(外胚層增生不良症)  | Q82.4               | 101                           | 1                              |
| 07   | Meleda disease(Meleda 島病)  | Q82.8               | 13                            | 1                              |
| 08   | Darier's disease(Darier 氏症(毛囊角化病))   | Q82.8               | 43                            | 3                              |
| 09   | Dyskeratosis Congenita(先天性角化不全症)   | Q82.8               | 2                             | 1                              |
| 10   | Diffuse Non-epidermolytic Palmoplantar Keratoderma type Unna-Thost(皮膚過度角化症雅司病)                         | Q82.8               | 12                            | 0                              |
| 11   | Incontinentia Pigmenti(色素失調症)  | Q82.3               | 67                            | 1                              |
| 12   | Netherton Syndrome(Netherton 症候群)  | Q80.3               | 8                             | 1                              |
| <b>G 肌肉病變 Muscle disorders</b>               |  |                     |                               |                                |
| 01   | Duchenne muscular dystrophy(裘馨氏肌肉失養症)  | G71.0               | 407                           | 122                            |
| 02   | Nemaline Rod Myopathy(Nemaline 線狀肌肉病變)   | G71.2               | 33                            | 3                              |
| 03   | Schwartz Jampel syndrome(Schwartz Jampel 氏症候群)   | G71.13              | 4                             | 0                              |
| 04   | Myotonic dystrophy(肌肉強直症)  | G71.11              | 266                           | 71                             |
| 05   | Facioscapulohumeral muscular dystrophy(面肩胛肱肌失養症)   | G71.0               | 167                           | 11                             |
| 06   | Myotubular Myopathy(肌小管病變)   | G71.2               | 22                            | 4                              |
| 07   | Becker Muscular Dystrophy(貝克型肌肉失養症)  | G71.0               | 59                            | 11                             |
| 08   | Freeman-Sheldon syndrome(Freeman-Sheldon 氏症候群)   | Q87.0               | 2                             | 0                              |
| 09   | Limb-girdle muscular dystrophy(肢帶型肌失養症)  | G71.0               | 111                           | 5                              |
| 10   | Congenital Muscular Dystrophy(先天性肌失養症)   | G71.0               | 40                            | 2                              |
| 11   | Central Core Disease(中心軸空肌病)   | G71.2               | 8                             | 0                              |
| 12   | Multiminicore Disease(多微小軸空肌病)   | G71.2               | 2                             | 0                              |
| 13   | Emery-Dreifuss Muscular Dystrophy (EDMD) (Emery-Dreifuss 肌失養症)   | G71.0               | 6                             | 1                              |
| 14   | GNE myopathy(GNE 遠端肌病變)  | G71.8               | 7                             | 0                              |
| 15   | Stormorken syndrome(史托摩根症候群)   | D69.8               | 1                             | 0                              |
| <b>H 骨及軟骨病變 Bone and Cartilage disorders</b> |  |                     |                               |                                |
| 01   | Achondroplasia(軟骨發育不全症)  | Q77.4               | 418                           | 12                             |
| 02   | Osteogenesis imperfecta(成骨不全症)   | Q78.0               | 384                           | 15                             |
|  |  | M88.0               |                               |                                |
|  |  | M88.1               |                               |                                |
|  |  | M88.811             |                               |                                |
| 03   | Primary Paget disease(原發性變形性骨炎)  | M88.812             | 3                             | 0                              |
|  |  | M88.819             |                               |                                |
|  |  | M88.821             |                               |                                |
|  |  | M88.822             |                               |                                |
|  |  | M88.829             |                               |                                |

| 分類序號<br>No. | 疾病名稱<br>The name of each disorder or disease     | ICD10碼<br>ICD-10-CM | 個案數<br>The Number<br>of Cases | 死亡數<br>The Number<br>of Deaths |
|-------------|--|---------------------|-------------------------------|--------------------------------|
|             |  | M88.831             |                               |                                |
|             |  | M88.832             |                               |                                |
|             |  | M88.839             |                               |                                |
|             |  | M88.841             |                               |                                |
|             |  | M88.842             |                               |                                |
|             |  | M88.849             |                               |                                |
|             |  | M88.851             |                               |                                |
|             |  | M88.852             |                               |                                |
|             |  | M88.859             |                               |                                |
|             |  | M88.861             |                               |                                |
|             |  | M88.862             |                               |                                |
|             |  | M88.869             |                               |                                |
|             |  | M88.871             |                               |                                |
|             |  | M88.872             |                               |                                |
|             |  | M88.879             |                               |                                |
|             |  | M88.88              |                               |                                |
|             |  | M88.89              |                               |                                |
|             |  | M88.9               |                               |                                |
| 04          | Cleidocranial dysplasia(鎖骨顱骨發育異常)                | Q74.0               | 46                            | 1                              |
|             |  | M61.10              |                               |                                |
|             |  | M61.111             |                               |                                |
|             |  | M61.112             |                               |                                |
|             |  | M61.119             |                               |                                |
|             |  | M61.121             |                               |                                |
|             |  | M61.122             |                               |                                |
|             |  | M61.129             |                               |                                |
|             |  | M61.131             |                               |                                |
|             |  | M61.132             |                               |                                |
|             |  | M61.139             |                               |                                |
|             |  | M61.141             |                               |                                |
|             |  | M61.142             |                               |                                |
|             |  | M61.143             |                               |                                |
|             |  | M61.144             |                               |                                |
|             |  | M61.145             |                               |                                |
|             |  | M61.146             |                               |                                |
| 05          | Fibrodysplasia Ossificans Progressiva(進行性骨化性肌炎)  | M61.151             | 11                            | 1                              |
|             |  | M61.152             |                               |                                |
|             |  | M61.159             |                               |                                |
|             |  | M61.161             |                               |                                |
|             |  | M61.162             |                               |                                |
|             |  | M61.169             |                               |                                |
|             |  | M61.171             |                               |                                |
|             |  | M61.172             |                               |                                |
|             |  | M61.173             |                               |                                |
|             |  | M61.174             |                               |                                |
|             |  | M61.175             |                               |                                |
|             |  | M61.176             |                               |                                |
|             |  | M61.177             |                               |                                |
|             |  | M61.178             |                               |                                |
|             |  | M61.179             |                               |                                |
|             |  | M61.18              |                               |                                |
|             |  | M61.19              |                               |                                |
|             |  | Q71.60              |                               |                                |
| 06          | Split-hand/ Split-foot malformation(SHFM)(裂手裂足症) | Q71.61              | 13                            | 0                              |
|             |  | Q71.62              |                               |                                |
|             |  | Q71.63              |                               |                                |

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|---|---|---------------------|-------------------------------|--------------------------------|
|   |   | Q72.70              |                               |                                |
|   |   | Q72.71              |                               |                                |
|   |   | Q72.72              |                               |                                |
|   |   | Q72.73              |                               |                                |
| 07  | Osteopetrosis(骨質石化症)  | Q78.2               | 27                            | 9                              |
| 08  | Pseudoachondroplastic dysplasia(假性軟骨發育不全)                                     | Q77.8               | 18                            | 1                              |
| 09  | Multiple Epiphyseal Dysplasia(多發性骨骺發育不全症)                                     | Q78.3               | 11                            | 0                              |
| <b>I 結締組織病變 Connective tissue disorders</b> |   |                     |                               |                                |
| 01  | Ehlers Danlos syndromeIV(先天結締組織異常第四型)   | Q79.6               | 23                            | 0                              |
| <b>J 血液疾病 Blood disorders</b>               |   |                     |                               |                                |
| 01  | Thalassemia major(重型海洋性貧血)  | D56.0               | 400                           | 25                             |
|   |   | D56.1               |                               |                                |
| 02  | Thrombasthenia(血小板無力症)  | D69.1               | 31                            | 1                              |
| 03  | Homozygous proetin C deficiency(同基因合子蛋白質 C 缺乏症)                               | D68.59              | 6                             | 1                              |
| 04  | Paroxysmal Nocturnal Hemoglobinuria(陣發性夜間血紅素尿症)                               | D59.5               | 131                           | 23                             |
| 05  | Atypical Hemolytic Uremic Syndrome(非典型性尿毒溶血症候群)                               | D59.3               | 57                            | 14                             |
| <b>K 免疫疾病 Immune system disorders</b>       |   |                     |                               |                                |
| 01  | Chronic primary granulomatous disease(原發性慢性肉芽腫病)                              | D71                 | 28                            | 3                              |
| 02  | Congenital Hyper IgE syndrome(先天性高免疫球蛋白 E 症候群)                                | D82.4               | 14                            | 4                              |
| 03  | Bruton's agammaglobulinemia(布魯頓氏低免疫球蛋白血症)                                     | D80.0               | 22                            | 2                              |
| 04  | Wiskott- Aldrich Syndrome(Wiskott- Aldrich 氏症候群)                              | D82.0               | 23                            | 9                              |
|   |   | D81.0               |                               |                                |
| 05  | Severe combined immunodeficiency(嚴重複合型免疫缺乏症)                                  | D81.1               | 24                            | 6                              |
|   |   | D81.2               |                               |                                |
|   |   | D81.9               |                               |                                |
| 06  | Complement Component 8 deficiency(補體成份8缺乏症)                                   | D84.1               | 2                             | 0                              |
| 07  | IPEX Syndrome(IPEX 症候群)   | E31.0               | 1                             | 1                              |
| 08  | Hyper-IgM syndrome(高免疫球蛋白 M 症候群)  | D80.5               | 11                            | 1                              |
| 09  | Interferon $\gamma$ receptor 1 deficiency ( $\gamma$ 干擾素受體1缺陷)                | D84.8               | 4                             | 0                              |
| 10  | Hereditary Angioedema (HAE)(遺傳性血管性水腫)   | D84.1               | 32                            | 0                              |
| <b>L 內分泌疾病 Endocrine disorders</b>          |   |                     |                               |                                |
| 01  | Kenny-Caffey syndrome(Kenny-Caffey 氏症候群)                                      | Q87.1               | 1                             | 0                              |
| 02  | Pseudohypoparathyroidism(假性副甲狀腺低能症)   | E20.1               | 69                            | 0                              |
| 03  | X-linked hypophosphatemic rickets(性聯遺傳型低磷酸鹽佝僂症)                               | E83.31              | 141                           | 3                              |
| 04  | Laron syndrome(Laron Dwarfism)(Laron 氏侏儒症候群)                                  | E34.3               | 5                             | 0                              |
| 05  | Bardet-Biedl syndrome(Bardet-Biedl 氏症候群)                                      | Q87.89              | 42                            | 4                              |
| 06  | Alstrom Syndrome(Alstrom 氏症候群)  | Q87.89              | 24                            | 5                              |
| 07  | Persistent hyperinsulinemic hypoglycemia of infancy (PHHI)(持續性幼兒型胰島素過度分泌低血糖症) | E16.1               | 77                            | 6                              |



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|-------------|--|---------------------|-------------------------------|--------------------------------|
| 08          | Wolfram syndrome(Wolfram 氏症候群)   | E88.9               | 13                            | 6                              |
| 09          | McCune Albright syndrome(McCune Albright 氏症候群)                         | Q78.1               | 24                            | 1                              |
| 10          | Campomelic dysplasia with autosomal sex reversal(短指發育不良及性別顛倒)          | Q99.8               | 1                             | 1                              |
| 11          | ACTH resistance(腎上腺皮促素抗性)  | E27.49              | 1                             | 0                              |
| 12          | 25-Hydroxyvitamin D 1-Alpha-Hydroxylase Deficiency(第一型遺傳性維生素 D 依賴型佝僂症) | E83.32              | 17                            | 0                              |
| 13          | Congenital adrenal hypoplasia(先天性腎上腺發育不全)                              | Q89.1               | 23                            | 0                              |
| 14          | Kallmann syndrome(Kallmann 氏症候群)                                       | E23.0               | 57                            | 1                              |
| 15          | Permanent Neonatal Diabetes Mellitus(永久性新生兒糖尿病)                        | P70.2               | 1                             | 0                              |
| 16          | MIRAGE syndrome(MIRAGE 症候群)  | Q87.89              | 1                             | 0                              |

### M 先天畸形症候群 Congenital malformation syndromes

|    |  |                         |    |   |
|----|--|-------------------------|----|---|
| 01 | Aarskog-Scott syndrome(Aarskog-Scott 氏症候群)           | Q87.1                   | 11 | 1 |
| 02 | Waardenburg syndrome (瓦登伯格氏症候群)                      | E70.8                   | 85 | 3 |
| 03 | Apert syndrome(愛伯特氏症)                                | Q87.0                   | 33 | 1 |
| 04 | Smith-Lemli-Opitz syndrome(Smith-Lemli-Opitz 氏症候群)   | E78.72                  | 5  | 3 |
| 05 | Larsen syndrome(Larsen 氏症候群(顎裂-先天性脫位症候群))            | Q74.8                   | 3  | 1 |
| 06 | Beckwith Wiedemann syndrome(Beckwith Wiedemann 氏症候群) | Q87.3                   | 78 | 2 |
| 07 | Crouzon syndrome(Crouzon 氏症候群)                       | Q75.1                   | 77 | 4 |
| 08 | Fraser syndrome(Fraser 氏症候群)                         | Q87.0                   | 1  | 0 |
| 09 | Multiple pterygium syndrome(多發性翼狀膜症候群)               | Q79.8                   | 10 | 2 |
| 10 | Cornelia de Lange syndrome(Cornelia de Lange 氏症候群)   | Q87.1                   | 72 | 6 |
| 11 | Hallerman-Streiff Syndrome(海勒曼-史德萊夫氏症候群)             | Q87.0                   | 6  | 1 |
| 12 | Kabuki syndrome(歌舞伎症候群)                              | Q89.8                   | 71 | 2 |
| 13 | Oto-Palato-Digital syndrome(耳-齶-指(趾)症候群)             | Q87.0                   | 4  | 0 |
| 14 | Conradi-Hunermann syndrome(Conradi-Hunermann 氏症候群)   | Q77.3                   | 2  | 0 |
| 15 | Treacher Collins Syndrome(Treacher Collins 氏症候群)     | Q75.4                   | 27 | 0 |
| 16 | Robinow Syndrome(Robinow 氏症候群)                       | Q87.1                   | 4  | 1 |
| 17 | Pfeiffer syndrome(Pfeiffer 氏症候群)                     | Q87.0                   | 7  | 4 |
| 19 | Nail-Patella Syndrome(指(趾)甲髕骨症候群)                    | Q87.2                   | 6  | 0 |
| 20 | Cardiofaciocutaneous Syndrome(CFC 症候群)               | Q87.89                  | 12 | 0 |
| 21 | Peters-Plus syndrome(Peters-Plus 症候群)                | Q13.4                   | 2  | 0 |
| 22 | Nager Syndrome(Nager 症候群)                            | Q75.4                   | 3  | 0 |
| 23 | CHARGE Syndrome(CHARGE 症候群)                          | Q89.8                   | 27 | 1 |
| 24 | White-Sutton syndrome(懷特-薩頓症候群)                      | Q99.8<br>F84.8<br>F78.0 | 1  | 0 |
| 25 | Costello syndrome(克斯提洛氏彈性蛋白缺陷症)                      | Q87.89                  | 5  | 1 |
| 26 | Ayme-Gripp syndrome(Ayme-Gripp 症候群)                  | Q87.89                  | 2  | 0 |
| 27 | Coffin-Lowry Syndrome(Coffin-Lowry 症候群)              | Q89.8                   | 2  | 1 |
| 28 | Myhre Syndrome(Myhre 症候群)                            | Q87.89                  | 2  | 0 |
| 29 | Sensenbrenner Syndrome(森森布倫納症候群)                     | Q87.5                   | 1  | 0 |

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|--|--|---------------------|-------------------------------|--------------------------------|
| 30   | Keppen-Lubinsky syndrome(克片-魯賓斯基症候群)   | E88.1               | 1                             | 0                              |
| <b>N 染色體異常 Chromosomal abnormalities</b>                 |  |                     |                               |                                |
| 01   | Angelman syndrome(Angelman 氏症候群)   | Q93.5               | 90                            | 4                              |
| 02   | DiGeorge's syndrome(DiGeorge's 症候群)  | D82.1               | 228                           | 18                             |
| 03   | Prader-Willi syndrome(Prader-Willi 氏症候群)   | Q87.1               | 334                           | 31                             |
| 04   | W A G R syndrome(Wilms' tumor-Aniridia-Genitourinary Anomalies-mental Retardation)(威爾姆氏腫瘤、無虹膜、性器異常、智能障礙症候群(W A G R 症候群)) | Q87.89              | 12                            | 1                              |
| 05   | Miller Dieker syndrome(Miller Dieker 症候群)  | Q93.88              | 20                            | 8                              |
| 06   | Rubinstein-Taybi syndrome(Rubinstein-Taybi 氏症候群)   | Q87.2               | 45                            | 0                              |
| 07   | Williams Syndrome(威廉斯氏症候群)   | Q93.89              | 301                           | 8                              |
| 08   | Von Hippel-Lindau disease(Von Hippel-Lindau 症候群)   | Q85.8               | 28                            | 3                              |
| 09   | Branchio-Oto-Renal Syndrome (BOR Syndrome) (Branchio-Oto-Renal 症候群(BOR 症候群))   | Q87.89              | 8                             | 0                              |
| <b>Z 其他未分類或不明原因 Other unclassified or Unknown causes</b> |  |                     |                               |                                |
| 01   | Cockayne syndrome(Cockayne 氏症候群)   | Q87.1               | 32                            | 21                             |
| 02   | Hutchinson Gilford progeria syndrome(早老症)  | E34.8               | 7                             | 5                              |
| 03   | Tricho-hepato-enteric syndrome(髮-肝-腸症候群)   | Q87.9               | 4                             | 2                              |
| 04   | Stargardt's disease(Stargardt 's 氏症)   | H35.50              | 4                             | 0                              |
| 05   | Occult Macular Dystrophy ; OMD(隱匿性黃斑部失養症)  | H35.50              | 2                             | 0                              |
| 06   | Leber Congenital Amaurosis(萊伯氏先天性黑矇症)  | H35.50              | 1                             | 0                              |
| <b>總計</b>  |  |                     | <b>18,934</b>                 | <b>3,661</b>                   |

註：1.個案數係指自89年2月公布施行罕見疾病防治及藥物法後，該罕見疾病累計所通報之個案數，無扣除死亡者。

2.本表僅包含我國籍個案。

Note: Number of cases was promulgated and enforced of the Regulations for Rare Disease Control and Orphan Drug Act from February 2000 onwards. The cumulative number of reported cases of Rare Diseases were not deducted from the number of deaths.