



US00D747410S

(12) **United States Design Patent**  
**Hart**

(10) **Patent No.:** **US D747,410 S**  
(45) **Date of Patent:** **\*\* \*Jan. 12, 2016**

- (54) **CODING MATRIX TOOL**
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- (\*) Notice: This patent is subject to a terminal disclaimer.
- (\*\*) Term: **14 Years**
- (21) Appl. No.: **29/511,174**
- (22) Filed: **Dec. 8, 2014**
- (51) **LOC (10) Cl.** ..... **19-01**
- (52) **U.S. Cl.**  
USPC ..... **D19/1**
- (58) **Field of Classification Search**  
USPC ..... D19/1-12, 20-34; 206/449, 232, 495.5, 206/494; 40/124.01-124.15, 672, 776, 726; 229/72, 92, 92.1, 300-303, 87.06, 229/87.08, 87.14; 281/2-5, 16, 22, 51; 705/3; 283/2-3, 115, 900, 74-75, 103, 283/105-106; 428/42.3; D9/703, 707, 709, D9/713, 424, 414, 720, 418, 416; 426/106; 222/92, 107; 383/127, 106-108, 901, 383/200, 203, 207, 210; D20/10, 22, 40, D20/42, 11; D3/303, 203.1  
CPC .. B42D 15/022; B42D 15/045; B42D 15/042; B42D 15/027; B42D 15/08; B42D 25/00; B42D 25/20; B42D 25/23; B42D 25/26; B42D 25/29; B42D 25/30; B42D 25/40; B42D 2033/20; B42D 2033/33; B42D 2033/30; B42D 2033/02; B42D 2033/04; B42D 2033/08; B42D 2033/10; B42D 2033/16; B42D 2033/18; B42D 2033/28  
See application file for complete search history.

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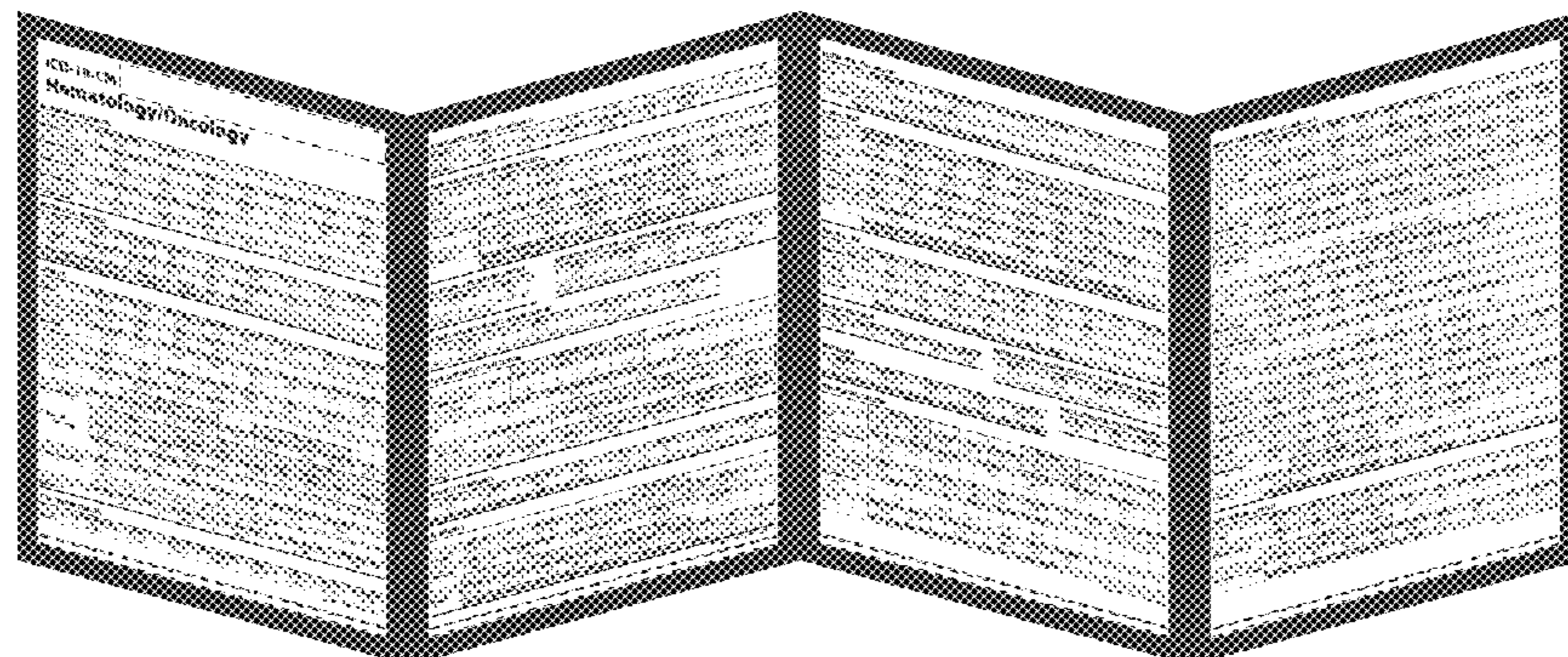
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(Continued)  
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*Assistant Examiner* — Abraham Bahta  
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(57) **CLAIM**  
The ornamental design for a coding matrix tool, as shown and described.

**DESCRIPTION**

A portion of the disclosure of this patent document contains material to which a claim for copyright is made. The copyright owner has no objection to the facsimile reproduction by anyone of the patent document or the patent disclosure, as it appears in the Patent and Trademark Office patent file or records, but reserves all other copyright rights whatsoever. FIG. 1 is a first perspective view of a coding matrix tool in unfolded configuration showing my new design; FIG. 2 is a second perspective view thereof; FIG. 3 is an elevation view of a first matrix sheet or panel thereof; FIG. 4 is an elevation view of a second matrix sheet or panel thereof; FIG. 5 is an elevation view of a third matrix sheet or panel thereof; FIG. 6 is an elevation view of a fourth matrix sheet or panel thereof; FIG. 7 is an elevation view of a fifth matrix sheet or panel thereof; FIG. 8 is an elevation view of a sixth matrix sheet or panel thereof; FIG. 9 is an elevation view of a seventh matrix sheet or panel thereof; and, FIG. 10 is an elevation view of an eighth matrix sheet or panel thereof. The broken lines in the figures represent portions of the coding matrix tool which are not part of the claimed design.

**1 Claim, 10 Drawing Sheets**



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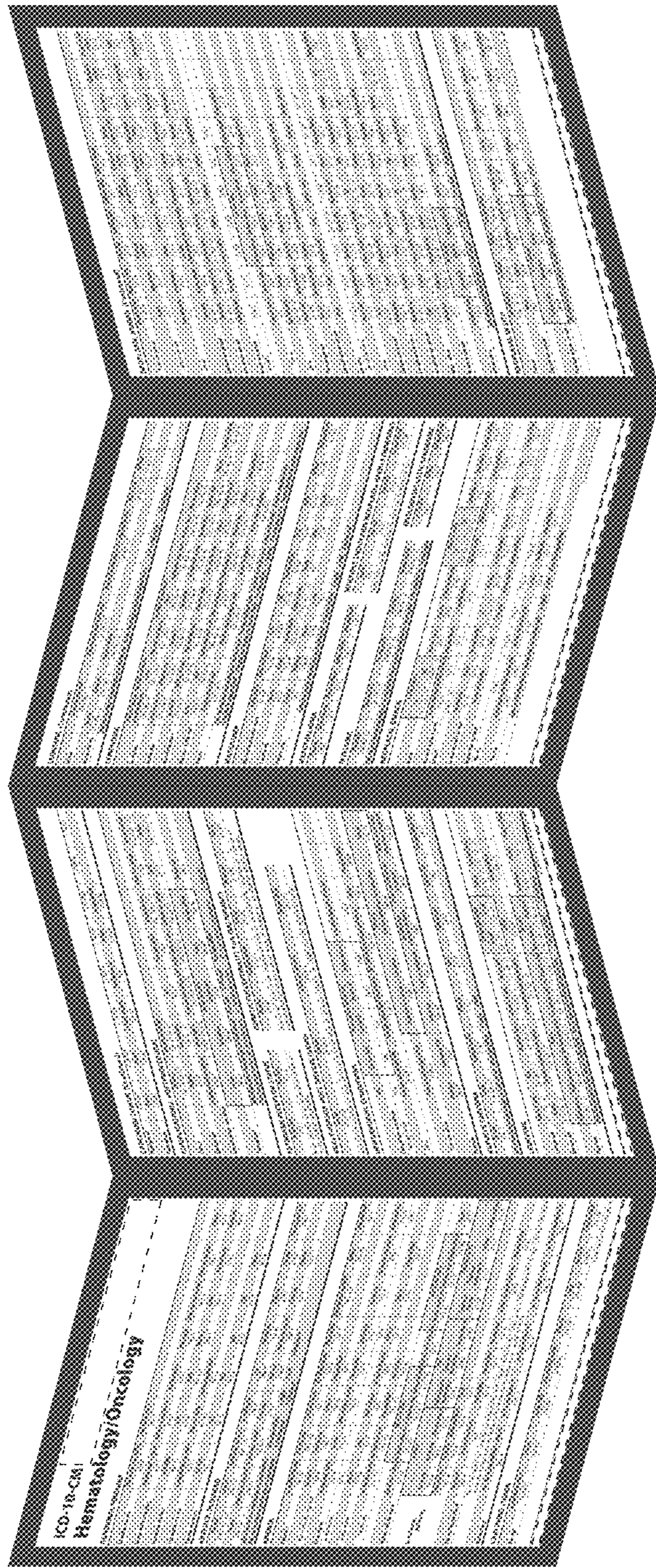


FIG. 1

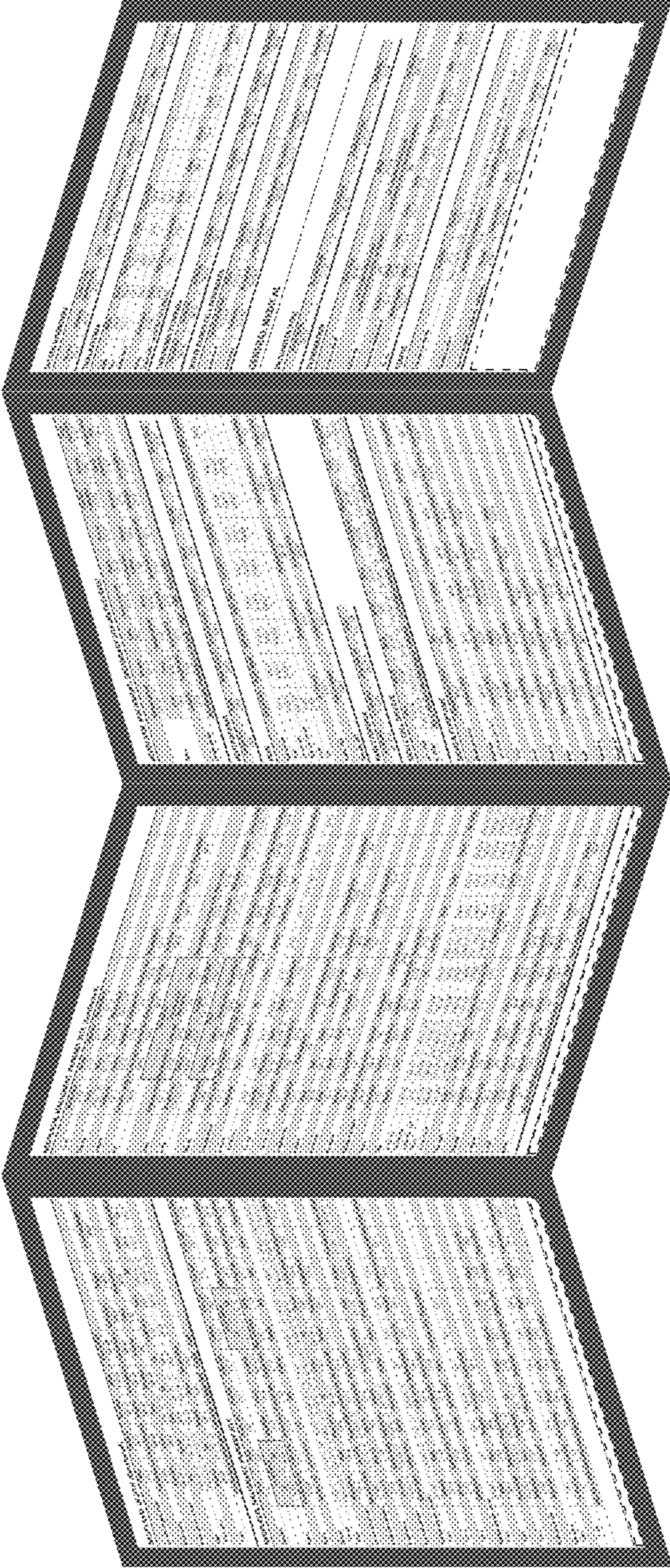


FIG. 2

| <b>ICD-10-CM</b>   |                    | <b>Hematology/Oncology</b> |        |        |        |              |        |        |  |
|--|--------------------|----------------------------|--------|--------|--------|--------------|--------|--------|--|
| <b>ABNORMAL FINDINGS</b>   |                    |                            |        |        |        |              |        |        |  |
|  | Elevated (see ICD) | Low (see spec)             |        |        |        |              |        |        |  |
| <b>Blood pressure</b>  | R01.0              | R01.1                      |        |        |        |              |        |        |  |
| <b>Diagnostic imaging</b>  | R01.5              | R01.2                      | R01.7  | R01.8  | R01.9  | R01.4        | R01.3  |        |  |
| <b>Function studies</b>  | R04.31             | R04.01                     | R04.11 | R04.4  | R04.5  | R04.2        | R04.6  |        |  |
| <b>Laboratory tests</b>  | I79.3              | I73.09                     | I75.8  |        |        |              |        |        |  |
| <b>Tumor markers</b>   | R97.1              | R97.8                      | R97.2  | R97.3  | R97.6  | R97.9        |        |        |  |
| <b>ABSENCE, ACQUIRED</b>   |                    |                            |        |        |        |              |        |        |  |
| <b>Breast</b>  | Z90.11             | Z90.12                     | Z90.13 | Z90.14 | Z90.15 | Z90.16       | Z90.17 | Z90.18 |  |
| <b>Ovary</b>   | Z90.21             | Z90.22                     | Z90.23 | Z90.24 | Z90.25 | Z90.26       | Z90.27 | Z90.28 |  |
| <i>By character as indicated: 1 unspecified, 2 right, 3 left, 4 bilateral</i>  |                    |                            |        |        |        |              |        |        |  |
| <i>By character as indicated: 1 unilateral, 2 bilateral</i>  |                    |                            |        |        |        |              |        |        |  |
| <b>ANEMIA</b>  |                    |                            |        |        |        |              |        |        |  |
| <b>Aplastic</b>  | D61.01             | D61.02                     | D61.03 | D61.04 | D61.05 | D61.06       | D61.07 | D61.08 |  |
| <b>Pure red cell, acquired</b>   | D62.0              | D62.1                      | D62.2  | D62.3  | D62.4  | D62.5        | D62.6  | D62.7  |  |
| <b>Hemolytic</b>   | D59.0              | D59.1                      | D59.2  | D59.3  | D59.4  | D59.5        | D59.6  | D59.7  |  |
| <b>Thalassemia</b>   | D56.0              | D56.1                      | D56.2  | D56.3  | D56.4  | D56.5        | D56.6  | D56.7  |  |
| <b>Sickle cell disease</b>   | D57.0              | D57.1                      | D57.2  | D57.3  | D57.4  | D57.5        | D57.6  | D57.7  |  |
| <b>Nutritional deficiency</b>  | Folate             |                            | Iron   |        |        | Vitamin B-12 |        |        |  |
|  | D51.0              | D51.1                      | D51.2  | D51.3  | D51.4  | D51.5        | D51.6  | D51.7  |  |
| <b>Other/Unspecified</b>   | D64.0              | D64.1                      | D64.2  | D64.3  | D64.4  | D64.5        | D64.6  | D64.7  |  |
| <i>Note: For code D63.1, code first underlying ICD-NM1 stage 1, N18.1 stage 1, N18.2 stage 1, N18.3 stage 1, N18.4 stage 1, N18.5 stage 1, N18.6 stage 1, N18.7 stage 1, N18.8 stage 1, N18.9 stage 1, N18.0 unspecified stage. For code D63.0, code first associated malignancy - see NEOPLASM.</i> |                    |                            |        |        |        |              |        |        |  |
| <b>Refractory</b>  | D46.0              | D46.1                      | D46.2  | D46.3  | D46.4  | D46.5        | D46.6  | D46.7  |  |
| <b>CARCINOID TUMOR</b>   |                    |                            |        |        |        |              |        |        |  |
| <b>Benign</b>  | D3A.00             | D3A.01                     | D3A.02 | D3A.03 | D3A.04 | D3A.05       | D3A.06 | D3A.07 |  |

FIG. 3

**CARCINOID TUMOR (Continued)**

| Malignant | C7A.027 | C7A.021 | C7A.029     | C7A.024    | C7A.091 | C7A.098     | C7A.026 | C7A.028 |
|-----------|---------|---------|-------------|------------|---------|-------------|---------|---------|
|           | Base    | Other   | Lymph nodes | Peritoneum | Other   | Unspecified |         |         |
| Secondary | C75.01  | C75.02  | C75.01      | C75.04     | C75.05  | C75.06      |         |         |

**COMPLICATIONS, POSTPROCEDURAL**

| Other                 | Diagnosis     |               | Procedure |        |       |       |               |       |               |
|-----------------------|---------------|---------------|-----------|--------|-------|-------|---------------|-------|---------------|
|                       | I96.1Y(A,D,S) | I96.1X(A,D,S) | K52.0     | K56.19 | K52.0 | J70.0 | T66.0Y(A,D,S) | L50.0 | T66.0X(A,D,S) |
| Radiation             |               |               |           |        |       |       |               |       |               |
|                       |               |               |           |        |       |       |               |       |               |
| Transfusion, reaction |               |               |           |        |       |       |               |       |               |
|                       |               |               |           |        |       |       |               |       |               |
| Transplant            |               |               |           |        |       |       |               |       |               |
|                       |               |               |           |        |       |       |               |       |               |

**ESTROGEN RECEPTOR STATUS**

| Negative | Positive |
|----------|----------|
| Z17.1    | Z17.0    |

Note: Code first malignant neoplasm of breast--see NEOPLASM, MALIGNANT.

**GENETIC SUSCEPTIBILITY FOR MALIGNANCY**

| BRCA1  | BRCA2  | TP53   | PMS1   | APC    |
|--------|--------|--------|--------|--------|
| Z15.01 | Z15.04 | Z15.02 | Z15.03 | Z15.05 |

Note: Code first malignant neoplasm--see NEOPLASM. Use additional codes for any associated family history or personal history of malignancy--see GENERAL MEDICAL, History.

**GRAFT-VERSUS-HOST DISEASE (GVHD)**

| Acute   | Chronic | Acute or chronic | Unspecified |
|---------|---------|------------------|-------------|
| D89.818 | D89.811 | D89.812          | D89.813     |

Note: Code first underlying cause, such as complication of blood transfusion (T80.49)--see COMPLICATION, POSTPROCEDURAL.

**HEMORRHAGIC CONDITIONS**

| Coagulation defects | Hereditary deficiency           |            |                           |                  |                              | Von Willebrand's disease         |
|---------------------|---------------------------------|------------|---------------------------|------------------|------------------------------|----------------------------------|
|                     | Factor VII                      | Factor XII | Factor XI                 | Factor X         | Other factor                 |                                  |
| Clotting factor     | D66                             | D67        | D68.1                     | D68.2            | D68.3                        | D68.0                            |
| Other               | D66.11                          | D66.51     | D68.11                    | D68.21           | D68.31                       | D68.01                           |
| Thrombophilia       | Acquired prothrombin resistance |            | Prothrombin gene mutation |                  | Other                        |                                  |
|                     | D68.62                          | D68.61     | D68.52                    | D68.51           | D68.59                       |                                  |
| Purpura             | Allopathic                      | Idiopathic | Primary                   | Post-transfusion | Qualitative platelet defects | Other secondary thrombocytopenia |
|                     | D69.0                           | D69.1      | D69.40                    | D69.51           | D69.1                        | D69.2                            |

**KAPOSI'S SARCOMA**

| Site  | Lung         | Lymph nodes | Palate | Nose  | Soft tissue | Other site | Unspecified site |
|-------|--------------|-------------|--------|-------|-------------|------------|------------------|
| C46.4 | C46.5(0,1,2) | C46.3       | C46.2  | C46.0 | C46.1       | C46.7      | C46.9            |

Note: I character meanings as indicated: 0 unspecified, 1 right, 2 left.

**LEUKEMIA**

| Lymphoid | Acute        |              | Chronic      |              | Preleukemic  |              | Other        |              |
|----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|          | CLL          | System type  | CLL          | System type  | CLL          | System type  | CLL          | System type  |
|          | C91.5(0,1,2) | C91.5(0,1,2) | C91.5(0,1,2) | C91.5(0,1,2) | C91.5(0,1,2) | C91.5(0,1,2) | C91.5(0,1,2) | C91.5(0,1,2) |
|          | C91.5(0,1,2) | C91.5(0,1,2) | C91.5(0,1,2) | C91.5(0,1,2) | C91.5(0,1,2) | C91.5(0,1,2) | C91.5(0,1,2) | C91.5(0,1,2) |
|          | C91.5(0,1,2) | C91.5(0,1,2) | C91.5(0,1,2) | C91.5(0,1,2) | C91.5(0,1,2) | C91.5(0,1,2) | C91.5(0,1,2) | C91.5(0,1,2) |
|          | C91.5(0,1,2) | C91.5(0,1,2) | C91.5(0,1,2) | C91.5(0,1,2) | C91.5(0,1,2) | C91.5(0,1,2) | C91.5(0,1,2) | C91.5(0,1,2) |

Note: I character meanings as indicated: 0 not having achieved remission, 1 in remission, 2 in relapse.

FIG. 4

| LEUKEMIA (Continued)   |                    |                          |                        |                   |  |              |              |              |              |              |
|--|--------------------|--------------------------|------------------------|-------------------|--|--------------|--------------|--------------|--------------|--------------|
|  | Acute myeloid      |                          | Acute megakaryoblastic |                   | Acute promyelocytic or myelomonocytic        |              | Mast cell    |              | Other        |              |
| Other  | C84.0(0,1,2)       |                          | C84.2(0,1,2)           |                   | C84.4(0,1,2)                                 |              | C84.5(0,1,2) |              | C84.8(0,1,2) |              |
|  | Acute              | Chronic                  | Respecified            |                   |  |              |              |              |              |              |
| Unspecified  | C85.0(0,1,2)       | C85.1(0,1,2)             | C85.2(0,1,2)           |                   |  |              |              |              |              |              |
| 5th character meanings as indicated: 0 not having achieved remission; 1 in remission; 2 in relapse   |                    |                          |                        |                   |  |              |              |              |              |              |
| LYMPHOMA   |                    |                          |                        |                   |  |              |              |              |              |              |
|  | Hodgkin lymphoma   |                          | Non-Hodgkin lymphoma   |                   | Lymphoid leukaemia                           |              | Other sites  |              | Unspecified  |              |
| Religion   | C81.0(0-9)         |                          | C81.1(0-9)             |                   | C81.2(0-9)                                   |              | C81.3(0-9)   |              | C81.4(0-9)   |              |
|  | Class              | Subclass                 | Grade                  |                   | Grade  |              | Grade        |              | Grade        |              |
| Follicular   | C82.0(0-9)         | C82.1(0-9)               | C82.2(0-9)             | C82.3(0-9)        | C82.4(0-9)                                   | C82.5(0-9)   | C82.6(0-9)   | C82.7(0-9)   | C82.8(0-9)   | C82.9(0-9)   |
|  | Follicular         | Diffuse                  | Small cell             | Large cell        | Other  | Other        | Other        | Other        | Other        | Unspecified  |
| Non-follicular   | C83.0(0-9)         | C83.1(0-9)               | C83.2(0-9)             | C83.3(0-9)        | C83.4(0-9)                                   | C83.5(0-9)   | C83.6(0-9)   | C83.7(0-9)   | C83.8(0-9)   | C83.9(0-9)   |
|  | DLBCL              | DLBCL                    | DLBCL                  | DLBCL             | DLBCL  | DLBCL        | DLBCL        | DLBCL        | DLBCL        | DLBCL        |
| Mature T/NK cell   | C84.0(0-9)         | C84.1(0-9)               | C84.2(0-9)             | C84.3(0-9)        | C84.4(0-9)                                   | C84.5(0-9)   | C84.6(0-9)   | C84.7(0-9)   | C84.8(0-9)   | C84.9(0-9)   |
|  | Respecified B-cell | Mediastinal large B-cell | Non-Burkitt            | Other non-Burkitt |  |              |              |              |              |              |
| Other  | C85.1(0-9)         | C85.2(0-9)               | C85.3(0-9)             | C85.4(0-9)        | C85.5(0-9)                                   | C85.6(0-9)   | C85.7(0-9)   | C85.8(0-9)   | C85.9(0-9)   | C85.0(0-9)   |
| 5th character meanings as indicated: 0 unspecified site; 1 head, face & neck; 2 torso (trunk); 3 intra-abdominal; 4 chest & upper limb; 5 unspecified region & lower limb; 6 intracranial; 7 spleen; 8 multiple sites; 9 extranodal & used organ sites |                    |                          |                        |                   |  |              |              |              |              |              |
| MASS/LUMP  |                    |                          |                        |                   |  |              |              |              |              |              |
|  | Epiglottic         | Generalized              | EE                     | EO                | Pericardial                                  | NR           | RO           | Other        | Unspecified  |              |
| Abdominal/torso-abd  | R19.0              | R19.1                    | R19.2                  | R19.3             | R19.4  | R19.5        | R19.6        | R19.7        | R19.8        | R19.9        |
|  | Chest              | Head                     | Lower limb             | Upper limb        | Back   | Brain        | Trunk        | Other        | Unspecified  |              |
| Localized  | R22.0              | R22.1                    | R22.2                  | R22.3             | R22.4  | R22.5        | R22.6        | R22.7        | R22.8        | R22.9        |
|  | Breast             | Genital                  | Other                  | Other             | Other  | Other        | Other        | Other        | Other        | Other        |
| Other sites  | R23.0              | R23.1                    | R23.2                  | R23.3             | R23.4  | R23.5        | R23.6        | R23.7        | R23.8        | R23.9        |
| 5th character meanings as indicated: 0 unspecified; 1 right; 2 left; 3 bilateral   |                    |                          |                        |                   |  |              |              |              |              |              |
| MESOTHELIOMA   |                    |                          |                        |                   | MULTIPLE ENDOCRINE NEOPLASIA (MEN) SYNDROMES |              |              |              |              |              |
|  | Pleura             | Peritoneum               | Pericardium            | Other sites       | Type 1                                       |              | Type 2       |              | Unspecified  |              |
|  | C45.0              | C45.1                    | C45.2                  | C45.3             | E11.2  | E11.3        | E11.4        | E11.5        | E11.6        | E11.7        |
| Refer Code also any associated malignancies and/or conditions  |                    |                          |                        |                   |  |              |              |              |              |              |
| MYELOMA  |                    |                          |                        |                   | MYELODYSPLASTIC SYNDROME                     |              |              |              |              |              |
|  | Multiple           | Monoclonal               | Plasma cell            | Other             | M1   |              | M2           |              | Unspecified  |              |
|  | C90.0(0,1,2)       | C90.1(0,1,2)             | C90.2(0,1,2)           | C90.3(0,1,2)      | C90.4(0,1,2)                                 | C90.5(0,1,2) | C90.6(0,1,2) | C90.7(0,1,2) | C90.8(0,1,2) | C90.9(0,1,2) |
| 5th character meanings as indicated: 0 not having achieved remission; 1 in remission; 2 in relapse   |                    |                          |                        |                   |  |              |              |              |              |              |
| NEOPLASM, BENIGN   |                    |                          |                        |                   |  |              |              |              |              |              |
|  | Long bones         |                          |                        | Short bones       |  |              | Other sites  |              | Unspecified  |              |
|  | EE                 | EO                       | Other                  | EE                | EO   | Other        | Other        | Other        | Other        | Other        |
| Bone   | D10.2(0,1,2)       | D10.3(0,1,2)             | D10.4(0,1,2)           | D10.5(0,1,2)      | D10.6(0,1,2)                                 | D10.7(0,1,2) | D10.8(0,1,2) | D10.9(0,1,2) | D10.0(0,1,2) | D10.1(0,1,2) |
|  | Upper limb         |                          |                        | Lower limb        |  |              | Other        |              | Unspecified  |              |
| Brain & spinal cord  | D21.0              | D21.1                    | D21.2                  | D21.3             | D21.4  | D21.5        | D21.6        | D21.7        | D21.8        | D21.9        |
| Breast   | D22.0(0,1,2)       | D22.1(0,1,2)             | D22.2(0,1,2)           | D22.3(0,1,2)      | D22.4(0,1,2)                                 | D22.5(0,1,2) | D22.6(0,1,2) | D22.7(0,1,2) | D22.8(0,1,2) | D22.9(0,1,2) |
|  | Subcutaneous       | Other                    | Other                  | Other             | Other  | Other        | Other        | Other        | Other        | Other        |
| Connective/soft tissue   | D23.0              | D23.1                    | D23.2                  | D23.3             | D23.4  | D23.5        | D23.6        | D23.7        | D23.8        | D23.9        |
|  | Other              | Other                    | Other                  | Other             | Other  | Other        | Other        | Other        | Other        | Other        |
| Digestive system   |                    |                          |                        |                   |  |              |              |              |              |              |
| Mouth  | D10.2              | D10.3                    | D10.4                  | D10.5             | D10.6  | D10.7        | D10.8        | D10.9        | D10.0        | D10.1        |
|  | Other              | Other                    | Other                  | Other             | Other  | Other        | Other        | Other        | Other        | Other        |
| Pharynx  | D18.7              | D18.8                    | D18.9                  | D18.0             | D18.1  | D18.2        | D18.3        | D18.4        | D18.5        | D18.6        |
| 4th or 5th character meanings as indicated: 1 right; 2 left; 9 unspecified   |                    |                          |                        |                   |  |              |              |              |              |              |

FIG. 5

| NEOPLASM, BENIGN (Continued) |   |                 |                |                    |                   |                      |                    |             |               |                  |
|------------------------------|---|-----------------|----------------|--------------------|-------------------|----------------------|--------------------|-------------|---------------|------------------|
|                              | Misc. amp.  | Mixed amp.      | Parotid        | Sublingual         | Submandib.        | Other major          |                    |             |               |                  |
| Salivary glands              | D10.79  | D11.7           | D11.8          | D11.7              | D11.7             | D11.7                |                    |             |               |                  |
|                              | Amx   | Appendix        | Rectal colon   | Testis             | Colon unspecified | Rectal colon         | Recto-sigmoid jct. | Rectum      | Sigmoid colon | Transverse colon |
| Large intestine              | D12.9   | D13.1           | D13.2          | D13.8              | D13.6             | D13.4                | D13.7              | D12.8       | D13.5         | D13.3            |
|                              | Duodenum  | Esophagus       | Liver          | Pancreas           | Parathyroid       | Salivary gland other | Subintest. amp.    | Spleen      | Stomach       | Uterus           |
| Other                        | D13.3   | D13.8           | D13.4          | D13.6              | D13.1             | D13.29               | D13.39             | D13.9       | D13.1         | D13.9            |
|                              | Adrenal   | Anterior body   | Posterior body | Coroid body        | Parathyroid       | Pituitary            | Pituitary amp.     | Thyroid     | Other         | Unspecified      |
| Endocrine glands             | D15.0(1,2)  | D15.6           | D15.3          | D15.9              | D15.1             | D15.4                | D15.2              | D15.7       | D15.7         | D15.9            |
|                              | Choroid   | Other body      | Coroid body    | Cornea             | Lacrimal gland    | Other                | Other              | Unspecified |               |                  |
| Eye and adnexa               | D17.2(1,2)  | D17.4(1,2)      | D17.6(1,2)     | D17.8(1,2)         | D17.5(1,2)        | D17.6(1,2)           | D17.2(1,2)         | D17.3(1,2)  |               |                  |
|                              | Palpebrae   | Upper lip       | Upper lip      | Uvula              | Vagina            | Other                | Unspecified        |             |               |                  |
| Genital organs               |   |                 |                |                    |                   |                      |                    |             |               |                  |
| Female                       | D20.2   | D20.1           | D20.8          | D20.9              | D20.1             | D20.7                | D20.4              |             |               |                  |
|                              | Endocervix  |                 |                |                    |                   |                      |                    |             |               |                  |
|                              | Corpus uteri  | Cervix uteri    | Endocervix     | Submyometrium      | Subserosa         | Unspecified          | Other part         | Unspecified |               |                  |
| Uterus                       | D25.1   | D25.8           | D25.1          | D25.8              | D25.2             | D25.9                | D25.7              | D25.9       |               |                  |
|                              | Epididymis  | Head            | Prostate       | Scrotum            | Testis            | Other                | Unspecified        |             |               |                  |
| Male                         | D29.3(1,2)  | D29.0           | D29.1          | D29.4              | D29.2(1,2)        | D29.8                | D29.9              |             |               |                  |
|                              | Intra-ab.   | Intra-abdominal | Site not sp.   | Other site         | Deep site         |                      |                    |             |               |                  |
| Hemangioma                   | D18.01  | D18.02          | D18.01         | D18.09             | D18.09            |                      |                    |             |               |                  |
|                              | Head  | Head/neck       | Thyroid        | Respiratory system | Other             | Site unspecified     |                    |             |               |                  |
| Intrathoracic organ          | D15.1   | D15.2           | D15.9          | D15.7              | D15.9             |                      |                    |             |               |                  |
|                              | Amx   | Face            | Head/neck      | Leg                | Other             | Trunk                | Other              | Unspecified |               |                  |
| Lipoma                       |   |                 |                |                    |                   |                      |                    |             |               |                  |
| Skin & SC tissue             | D17.2(1,2)  | D17.8           | D17.8          | D17.2(1,2)         | D17.3(1,2)        | D17.1                | D17.39             | D17.38      |               |                  |
|                              | Intra-ab.   | Intrathoracic   | Kidney         | Other abd.         | Spleen/panc.      | Other                | Unspecified        |             |               |                  |
| Other                        | D17.5   | D17.8           | D17.71         | D17.72             | D17.6             | D17.79               | D17.6              |             |               |                  |
|                              | Ear   | Eye/ear         | Face, other    | Face, amp.         | EE                | Lip                  | Scalp/neck         | Trunk       | UE            | Unspecified      |
| Melanocytic nevi             | D22.2(1,2)  | D22.1(1,2)      | D22.19         | D22.3(1,2)         | D22.7(1,2)        | D22.8                | D22.4              | D22.5       | D22.6(1,2)    | D22.9            |
|                              | Abdomen   | Ear             | Head/neck      | EE                 | Other             | Throat               | Trunk, amp.        | UE          |               |                  |
| Peripheral nerves            | D06.15  | D16.11          | D16.11         | D16.13             | D16.19            | D16.14               | D16.17             | D16.12      |               |                  |
|                              | Brain/eye   | Larynx          | Lip            | Nasal cavity       | Nerve             | Stomach              | Trachea            | Unspecified |               |                  |
| Respiratory system           | D14.3(1,2)  | D14.1           | D14.3(1,2)     | D14.9              | D14.9             | D14.0                | D14.2              | D14.4       |               |                  |
|                              | Ear   | Eye/ear         | Face, other    | Face, amp.         | EE                | Lip                  | Scalp/neck         | Trunk       | UE            | Unspecified      |
| Skin, other                  | D23.2(1,2)  | D23.1(1,2)      | D23.19         | D23.3(1,2)         | D23.7(1,2)        | D23.8                | D23.4              | D23.5       | D23.6(1,2)    | D23.9            |
|                              | Bladder   | Kidney          | Renal pelvis   | Ureter             | Urethra           | Other                | Unspecified        |             |               |                  |
| Urinary organs               | D59.3   | D59.1(1,2)      | D59.1(1,2)     | D59.2(1,2)         | D59.4             | D59.8                | D59.9              |             |               |                  |
|                              | Meninges  |                 |                |                    |                   |                      |                    |             |               |                  |
|                              | Lymph node  | Cerebral        | Spinal         | Unspecified        | Other             | Unspecified          |                    |             |               |                  |
| Other sites                  | D06.8   | D32.8           | D32.1          | D32.9              | D32.7             | D32.9                |                    |             |               |                  |
|                              | 3th character meanings as indicated: 7 or 3 right; 8 or 4 left; 9 unspecified |                 |                |                    |                   |                      |                    |             |               |                  |
| NEOPLASM, IN SITU            |   |                 |                |                    |                   |                      |                    |             |               |                  |
|                              | Colorectal  | Lobular         | Other          | Unspecified        |                   |                      |                    |             |               |                  |
| Breast                       | D65.1(1,2)  | D65.0(1,2)      | D65.1(1,2)     | D65.3(1,2)         |                   |                      |                    |             |               |                  |
|                              | Amx   | Colon           | Esophagus      | Intest. amp.       | Intest. amp.      | Liver                | Recto-sigmoid jct. | Rectum      | Stomach       |                  |
| Digestive organs             | D61.1   | D61.8           | D61.1          | D61.9              | D61.4(1)          | D61.5                | D61.1              | D61.2       | D61.2         | D61.2            |
|                              | Cervix uteri  |                 |                |                    |                   |                      |                    |             |               |                  |
|                              | Endocervix  | Exocervix       | Other          | Unspecified        | Endometrium       | Vagina               | Vulva              | Other       | Unspecified   |                  |
| Genital organ, female        | D67.2   | D65.1           | D67.7          | D66.9              | D67.9             | D67.2                | D67.1              | D67.39      | D67.3(1)      | D67.3(1)         |
|                              | 3rd character meanings as indicated: 0 unspecified; 1 right; 2 left           |                 |                |                    |                   |                      |                    |             |               |                  |

(Continued on the next panel)

FIG. 6



| NEOPLASM, IN SITU (Continued)     |   |                |              |                   |                |                   |                   |              |                   |                |             |
|-----------------------------------|---|----------------|--------------|-------------------|----------------|-------------------|-------------------|--------------|-------------------|----------------|-------------|
|                                   | Nose  | Prostate       | Scrotum      | Other             | Unspecified    |                   |                   |              |                   |                |             |
| Genital organ, male               | D07.4   | D07.5          | D07.61       | D07.69            | D07.92         |                   |                   |              |                   |                |             |
|                                   | Basal mucosa  | Floor of mouth | Uvula        | Hard palate       | Labial mucosa  | Soft palate       | Tongue            | Uvula        | Penile skin       |                |             |
| Oral cavity                       | D07.52  | D07.56         | D07.60       | D07.65            | D07.71         | D07.84            | D07.87            | D07.91       | D07.94            |                |             |
|                                   | Buccal  | Larynx         | Uvula        | Pharynx           | Tongue         | Other             | Unspecified       |              |                   |                |             |
| Respiratory organs                | D07.10.1.2  | D07.2          | D07.20.1.2   | D07.28            | D07.3          | D07.3             | D07.4             |              |                   |                |             |
|                                   | Ear   | Eye            | Face         | EE                | EE             | Scalp/neck        | Trunk             | DE           | Other             | Unspecified    |             |
| Skin                              | D07.10.1.2  | D07.10.1.2     | D07.29       | D07.30.1.2        | D07.4          | D07.4             | D07.5             | D07.50.1.2   | D07.6             | D07.9          |             |
| Melanoma                          | D07.10.1.2  | D07.10.1.2     | D07.39       | D07.30.1.2        | D07.4          | D07.4             | D07.59            | D07.50.1.2   | D07.6             | D07.9          |             |
|                                   | Bladder   | Eye            | Pharynx      | Other             | Unspecified    |                   |                   |              |                   |                |             |
| Other                             | D07.8   | D07.20.1.2     | D07.3        | D07.8             | D07.9          |                   |                   |              |                   |                |             |
|                                   | 000 character meanings as indicated: 0 unspecified, 1 right, 2 left, 8 or 9 unspecified |                |              |                   |                |                   |                   |              |                   |                |             |
| NEOPLASM, MALIGNANT, PRIMARY SITE |   |                |              |                   |                |                   |                   |              |                   |                |             |
|                                   | Bladder   | Bone           | Brain/eye    | Breast            | Esophagus      | Esophagus         | Eye               | Gen. site    | Gen. site         | Gen. site      | Unspecified |
| Bladder                           | C67.1   | C67.1          | C67.6        | C67.7             | C67.8          | C67.8             | C67.3             | C67.2        | C67.4             | C67.4          | C67.9       |
|                                   |   | Long bones     |              |                   |                |                   | Short bones       |              |                   |                |             |
|                                   |   | EE             | DE           | Mandible          | Maxilla        | Mandible          | EE                | DE           | Mandible          | Maxilla        | Unspecified |
| Bones                             | C40.20.1.2  | C40.20.1.2     | C41.1        | C41.4             | C40.20.1.2     | C40.20.1.2        | C41.10.1.2        | C41.1        | C41.2             | C41.3          | C41.9       |
|                                   | Cereb. mening.  | Cereb. vent.   | Cerebellum   | Frontal lobe      | Occipital lobe | Parietal lobe     | Posterior lobe    | Stem         | Temp. lobe        | Unclass. sites | Unspecified |
| Brain                             | C70.0   | C71.5          | C71.6        | C71.1             | C71.4          | C71.1             | C71.6             | C71.2        | C71.8             | C71.9          |             |
|                                   | Adipose   | Cartil. joint  | ED           | ED                | Middle         | Upper             | DE                | DE           | Other             | Unspecified    |             |
| Breast                            |   |                |              |                   |                |                   |                   |              |                   |                |             |
| Female                            | C50.41.1.2.9  | C50.41.1.2.9   | C50.31.1.2.9 | C50.41.1.2.9      | C50.41.1.2.9   | C50.41.1.2.9      | C50.41.1.2.9      | C50.41.1.2.9 | C50.41.1.2.9      | C50.41.1.2.9   |             |
| Male                              | C50.42.1.2.9  | C50.42.1.2.9   | C50.32.1.2.9 | C50.42.1.2.9      | C50.42.1.2.9   | C50.42.1.2.9      | C50.42.1.2.9      | C50.42.1.2.9 | C50.42.1.2.9      | C50.42.1.2.9   |             |
|                                   | Anterior  | Face           | Head/neck    | EE                | Penis          | DE                | Trunk             | Trunk, arm   | Unclass. sites    | Unspecified    |             |
| Connective soft tissue            | C49.4   | C49.9          | C49.8        | C49.20.1.2        | C49.5          | C49.10.1.2        | C49.3             | C49.6        | C49.8             | C49.9          |             |
|                                   | Adipose   | Cartil. joint  | Unspecified  | Cereb. body       | Parathyroid    | Pharynx           | Pharynx           | Unspecified  |                   |                |             |
| Endocrine glands                  | C74.00.1.2  | C74.10.1.2     | C74.50.1.2   | C75.4             | C75.8          | C75.3             | C75.1             | C75.9        |                   |                |             |
|                                   | Low 1/3   | Mid 1/3        | Up 1/3       | Overlapping       | Unspecified    |                   |                   |              |                   |                |             |
| Esophagus                         | C15.5   | C15.9          | C15.1        | C15.8             | C15.9          |                   |                   |              |                   |                |             |
|                                   | Choroid   | Optic chiasm   | Cerebellum   | Cerebr.           | Cerebellum     | Cerebellum        | Brain             | Brain        | Cerebellum        | Unspecified    |             |
| Eye and adnexa                    | C60.00.1.2  | C60.10.1.2     | C60.20.1.2   | C60.30.1.2        | C60.50.1.2     | C60.50.1.2        | C60.60.1.2        | C60.70.1.2   | C60.80.1.2        | C60.90.1.2     |             |
|                                   | Small intestine   | Uterus         | Vagina       | Rectum            | Other          | Other             | Overlapping sites | Unspecified  |                   |                |             |
| Genital organs, female            |   |                |              |                   |                |                   |                   |              |                   |                |             |
| Other                             | C57.10.1.2  | C57.20.1.2     | C57.30.1.2   | C57.40.1.2        | C57.5          | C57.7             | C57.8             | C57.9        |                   |                |             |
|                                   | Adipose   | Body           | Genital      | Endometrium       | Endometrium    | Endometrium       | Fimbriae          | Parametrium  | Parametrium       | Unspecified    |             |
| Uterus                            | C57.4   | C57.9          | C58.0        | C57.9             | C57.7          | C58.1             | C57.3             | C57.2        | C57.5             | C57.9          |             |
|                                   | Bladder   | Labium maj.    | Labium min.  | Penile skin       | Unspecified    |                   |                   |              |                   |                |             |
| Vagina                            | C57.2   | C57.8          | C57.2        | C57.8             | C57.9          |                   |                   |              |                   |                |             |
|                                   | Epididymis  | Prostate       | Scrotum      | Sperm. cord       | Other          | Overlapping sites | Unspecified       |              |                   |                |             |
| Genital organs, male              |   |                |              |                   |                |                   |                   |              |                   |                |             |
| Other                             | C61.00.1.2  | C61            | C61.2        | C61.10.1.2        | C61.7          | C61.8             | C61.9             |              |                   |                |             |
|                                   | Body  | Genital        | Prostate     | Overlapping sites | Unspecified    |                   |                   |              |                   |                |             |
| Penis                             | C61.7   | C61.1          | C61.9        | C61.9             | C61.9          |                   |                   |              |                   |                |             |
|                                   | Descending  | Descending     | Unspecified  |                   |                |                   |                   |              |                   |                |             |
| Testis                            | C62.10.1.2  | C62.20.1.2     | C62.30.1.2   |                   |                |                   |                   |              |                   |                |             |
|                                   | Abdomen   | Face           | Head/neck    | EE                | Penis          | Trunk             | DE                | Other        | Overlapping sites | Unspecified    |             |
| HI-defined site                   | C76.2   | C76.8          | C76.8        | C76.50.1.2        | C76.5          | C76.1             | C76.10.1.2        | C76.8        | C80.1             |                |             |
|                                   | Appendix  | Capit. site    | Genital      | Neuro. site       | Neuro. site    | Segment. site     | Segment. site     | Rectum       | Unspecified       |                |             |
| Intestine                         |   |                |              |                   |                |                   |                   |              |                   |                |             |
| Large                             | C18.1   | C18.0          | C18.9        | C18.3             | C18.0          | C18.7             | C18.5             | C18          | C18.9             |                |             |
|                                   | or Rectum   | Ascending      | Descending   | Distal            | Left           | Penis             | Right             | Sigmoid      | Transverse        | Unspecified    |             |
| Colon                             | C18   | C18.2          | C18.6        | C18.6             | C18.6          | C18.7             | C18.2             | C18.7        | C18.4             | C18.9          |             |
|                                   | 000, 500 character meanings as indicated: 1 right, 2 left, 8 or 9 unspecified           |                |              |                   |                |                   |                   |              |                   |                |             |
|                                   | (Continued on the next panel)   |                |              |                   |                |                   |                   |              |                   |                |             |

FIG. 7

| NEOPLASM, MALIGNANT, PRIMARY SITE (Continued)   |                   |                   |                 |                   |                  |                 |             |              |             |                 |
|---|-------------------|-------------------|-----------------|-------------------|------------------|-----------------|-------------|--------------|-------------|-----------------|
| Small Intestine   | Duodenum          | Esophagus         | Jejunum         | Unspecified       |                  |                 |             |              |             |                 |
|   | C17.0             | C17.2             | C17.1           | C17.9             |                  |                 |             |              |             |                 |
| Kidney  | Adipose           | Bladder           | Penis           | Unspecified       |                  |                 |             |              |             |                 |
|   | C63.1,2,3         | C63.1,2,3         | C63.1,2,3       | C63.1,2,3         |                  |                 |             |              |             |                 |
| Larynx  | Cartilage         | Glottis           | Subglottis      | Supraglottis      | Overlap site     | Unspecified     |             |              |             |                 |
|   | C32.3             | C32.0             | C32.2           | C32.1             | C32.5            | C32.9           |             |              |             |                 |
| Lip   | Commissure, upper | External lip      | Intercommissure | Inner lip         | Inner lip        | Inner lip       | Inner lip   | Inner lip    | Unspecified |                 |
|   | C06.6             | C06.5             | C06.1           | C06.2             | C06.3            | C06.4           | C06.7       | C06.8        | C06.9       |                 |
| Liver   | Artery/vein       | Connective tissue | Other           | Other             | Other            | Other           | Other       | Other        | Other       | Other           |
|   | C22.3             | C22.0             | C22.8           | C22.1             | C22.7            | C22.2           | C22.4       | C22.6        | C22.5       |                 |
| Lung  | Artery/vein       | Cartilage         | Other           | Other             | Other            | Other           | Other       | Other        | Other       | Other           |
|   | C34.1,3,1,2       | C34.2,3,1,2       | C34.3,1,2       | C34.4,1,2         | C34.5,1,2        | C34.6,1,2       | C34.7,1,2   | C34.8        | C34.9,1,2   | C34.9,1,2       |
| Mouth   | Cheek mucosa      | Other             | Other           | Other             | Other            | Other           | Other       | Other        | Other       | Other           |
|   | C06.0             | C06.3             | C06.1           | C06.8             | C06.5            | C06.1           | C06.2       | C06.8,9      | C06.8,9     | C06.0           |
| Nasopharynx   | Anterior wall     | Lateral wall      | Posterior wall  | Superior wall     | Overlap site     | Unspecified     |             |              |             |                 |
|   | C11.3             | C11.2             | C11.1           | C11.0             | C11.4            | C11.8           | C11.9       |              |             |                 |
| Nerves  | Abdomen           | Face              | Head/neck       | LE                | Other            | Other           | Other       | Other        | Other       | Other           |
|   | C47.4             | C47.0             | C47.3           | C47.2,3,1,2       | C47.5            | C47.3           | C47.6       | C47.1,3,1,2  | C47.8       | C47.9           |
| Peripheral  | Acoustic          | Olfactory         | Other           | Other             | Unspecified      |                 |             |              |             |                 |
|   | C72.4,3,1,2       | C72.2,3,1,2       | C72.1,3,1,2     | C72.5,6           | C72.0            |                 |             |              |             |                 |
| Spiral cord   | Cervical          | Thoracic          | Unspecified     |                   |                  |                 |             |              |             |                 |
|   | C72.1             | C72.0             | C72.8           |                   |                  |                 |             |              |             |                 |
| Oropharynx  | Anterior wall     | Brachial cleft    | Lateral wall    | Posterior wall    | Other            | Other           | Other       | Other        | Other       | Other           |
|   | C18.1             | C18.4             | C18.2           | C18.1             | C18.0            | C18.3           | C18.8       | C18.9        |             |                 |
| Palate  | Hard              | Soft              | Other           | Other             | Other            |                 |             |              |             |                 |
|   | C05.0             | C05.1             | C05.2           | C05.3             | C05.9            |                 |             |              |             |                 |
| Pancreas  | Body              | Head              | Other           | Other             | Other            | Other           | Other       | Other        | Other       | Other           |
|   | C25.1             | C25.3             | C25.8           | C25.4             | C25.7            | C25.2           | C25.8       | C25.9        |             |                 |
| Prostate  | Other             | Unspecified       |                 |                   |                  |                 |             |              |             |                 |
|   | C62.0             | C61               |                 |                   |                  |                 |             |              |             |                 |
| Salivary glands   | Other, amp        | Other, amp        | Parotid         | Sublingual        | Submandibular    |                 |             |              |             |                 |
|   | C08.9             | C08.9             | C07             | C06.1             | C06.8            |                 |             |              |             |                 |
| Sinus   | Ethmoidal         | Frontal           | Maxillary       | Sphenoidal        | Overlap site     | Unspecified     |             |              |             |                 |
|   | C11.1             | C11.2             | C11.0           | C11.1             | C11.3            | C11.9           |             |              |             |                 |
| Skin  | Cheek             | Ear               | Eye/lid         | Face              | Lip              | Lower limb      | Neck        | Scalp        | Trunk       | Upper limb      |
|   | C44.11,9          | C44.21,1,2,3,9    | C44.11,1,2,3,9  | C44.31,8          | C44.01           | C44.71,1,2,3,9  | C44.41      | C44.41       | C44.51,9    | C44.61,1,2,3,9  |
| Basal cell  |                   |                   |                 |                   |                  |                 |             |              |             |                 |
|   | C43.3,9           | C43.2,3,1,2       | C43.1,3,1,2     | C43.3,8           | C43.6            | C43.7,3,1,2,3,9 | C43.4       | C43.4        | C43.5,9     | C43.6,3,1,2,3,9 |
| Melanoma  |                   |                   |                 |                   |                  |                 |             |              |             |                 |
|   | C44.3,3,9         | C44.2,3,1,2,3,9   | C44.1,3,1,2,3,9 | C44.3,3,8         | C44.6,7          | C44.7,3,1,2,3,9 | C44.4,7     | C44.4,7      | C44.5,7,9   | C44.6,3,1,2,3,9 |
| Squamous cell   |                   |                   |                 |                   |                  |                 |             |              |             |                 |
|   | C44.1,3,9         | C44.2,3,1,2,3,9   | C44.1,3,1,2,3,9 | C44.3,3,8         | C44.6,7          | C44.7,3,1,2,3,9 | C44.4,7     | C44.4,7      | C44.5,7,9   | C44.6,3,1,2,3,9 |
| Other   |                   |                   |                 |                   |                  |                 |             |              |             |                 |
|   | C44.3,3,9         | C44.2,3,1,2,3,9   | C44.1,3,1,2,3,9 | C44.3,3,8         | C44.6,7          | C44.7,3,1,2,3,9 | C44.4,7     | C44.4,7      | C44.5,7,9   | C44.6,3,1,2,3,9 |
| Unspecified   |                   |                   |                 |                   |                  |                 |             |              |             |                 |
|   | C44.3,3,9         | C44.2,3,1,2,3,9   | C44.1,3,1,2,3,9 | C44.3,3,8         | C44.6,7          | C44.7,3,1,2,3,9 | C44.4,7     | C44.4,7      | C44.5,7,9   | C44.6,3,1,2,3,9 |
| Stomach   | Body              | Cardia            | Pylorus         | Greater curvature | Lesser curvature | Pyloric antrum  | Pylorus     | Overlap site | Unspecified |                 |
|   | C16.2             | C16.0             | C16.1           | C16.4             | C16.5            | C16.3           | C16.4       | C16.8        | C16.9       |                 |
| Thyroid   | Cartilage         | Unspecified       |                 |                   |                  |                 |             |              |             |                 |
|   | C32.1             | C71               |                 |                   |                  |                 |             |              |             |                 |
| Tongue  | Base, oral        | Back              | Border          | Distal            | Proximal         | Overlap site    | Unspecified |              |             |                 |
|   | C02.3             | C01               | C02.1           | C02.8             | C02.2            | C02.8           | C02.9       |              |             |                 |
| Tonsil  | Palatine          | Uvula             | Pharyngeal      | Other             | Overlap site     | Unspecified     |             |              |             |                 |
|   | C09.0             | C02.4             | C11.1           | C09.1             | C09.5            | C09.9           |             |              |             |                 |
| Other   | Gastrointestinal  | Head/neck         | Neck            | Other             | Other            | Other           | Other       | Other        | Other       | Other           |
|   | C21               | C01.1             | C18.0           | C18.4             | C21.1            | C7              | C31         | C46.1,2,3,9  | C68.0       |                 |
| 400, 500 or 600 character meanings as indicated: 1 right, 2 left, 9 or 99 unspecified |                   |                   |                 |                   |                  |                 |             |              |             |                 |

FIG. 8

| NEOPLASM, MALIGNANT, SECONDARY SITE (METASTASIS)   |                         |             |                      |                 |                   |               |                   |                 |                  |
|--|-------------------------|-------------|----------------------|-----------------|-------------------|---------------|-------------------|-----------------|------------------|
|  | Adrenal gland           | Bladder     | Bone                 | Bone marrow     | Brain             | Breast        | Cerebral meninges | Kidney          | Liver metastasis |
|  | C79.7-8.1,2             | C79.11      | C79.51               | C79.52          | C79.11            | C79.81        | C79.12            | C79.81,1,2      | C79.3            |
| Other  | Liver                   | Lung        | Mediastinum          | Ovary           | Peritoneum (ovum) | Pleura        | Rectum            | Small intestine | Unspecified site |
|  | C78.7                   | C78.81,1,2  | C78.1                | C78.61,1,2      | C78.6             | C78.2         | C78.5             | C78.4           | C79.9            |
| Lymph nodes  | axillary                | head & neck | inguinal             | trunk ax        | inguinal          | intrathoracic | Multiple          | Unspecified     |                  |
|  | C77.3                   | C77.9       | C77.4                | C77.2           | C77.5             | C77.1         | C77.8             | C77.9           |                  |
| S05 character meanings as indicated: 1 right, 2 left, # unspecified  |                         |             |                      |                 |                   |               |                   |                 |                  |
| NEUTROPENIA  |                         |             |                      |                 |                   |               |                   |                 |                  |
|  | Congenital              | Cyclic      | Drug-induced         | Disease-induced | BX infection      | Toxic         | Periodic          | Toxic           | Unspecified      |
|  | D78.0                   | D78.4       | D78.2                | D78.1           | D78.3             | D78.9         | D78.4             | D78.8           | D78.9            |
| PAIN   |                         |             |                      |                 |                   |               |                   |                 |                  |
|  | Unspecified             | Right upper | Left upper           | Right lower     | Left lower        | Epigastric    | Genitourinary     | Pericardial     | Perineal         |
| Abdominal  |                         |             |                      |                 |                   |               |                   |                 |                  |
| Pain   | R10.0                   | R10.1       | R10.12               | R10.11          | R10.32            | R10.13        | R10.24            | R10.33          | R10.2            |
| Tenderness   | R10.819                 | R10.811     | R10.812              | R10.811         | R10.814           | R10.816       | R10.817           | R10.819         | ---              |
| Rebound tenderness   | R10.829                 | R10.821     | R10.822              | R10.821         | R10.824           | R10.826       | R10.827           | R10.829         | ---              |
| Acute  | R10.0                   | ---         | ---                  | ---             | ---               | ---           | ---               | ---             | ---              |
| Chronic  | R10.85                  | ---         | ---                  | ---             | ---               | ---           | ---               | ---             | ---              |
| Acute, NEC   |                         |             |                      |                 |                   |               |                   |                 |                  |
|  | BX disease              |             | Neoplasm related     |                 | Postprocedural    |               | Post-traumatic    |                 | Unspecified      |
|  | G89.11                  |             | G89.3                |                 | G89.18            |               | G89.12            |                 | R52              |
| Chronic, NEC   |                         |             |                      |                 |                   |               |                   |                 |                  |
|  | Pain syndrome           |             | Neoplasm related     |                 | Postprocedural    |               | Post-traumatic    |                 | Unspecified      |
|  | G89.4                   |             | G89.1                |                 | G89.21            |               | G89.22            |                 | G89.24           |
| PANCYTOPENIA   |                         |             |                      |                 |                   |               |                   |                 |                  |
|  | BX disease              | Congenital  | Drug-induced         | Other           |                   |               |                   |                 |                  |
|  | E61.818                 | D41.85      | E51.811              | E61.818         |                   |               |                   |                 |                  |
| SICKLE CELL DISEASE  |                         |             |                      |                 |                   |               |                   |                 |                  |
|  | Re-C                    | Re-SS       | Re-SL                | Re-SL           | Other             | Spherocytosis | Thrombocytosis    | Unsp            | Unspecified      |
| w/o Crisis   | D57.28                  | D57.88      | D57.88               | D57.1           | D57.88            | D57.86        | D57.88            | D57.3           | D57.1            |
| w/ Crisis  | D57.211,2,9             | D57.811,2,9 | D57.811,2,9          | D57.81,1,2      | D57.811,2,9       | D57.811,2,9   | D57.811,2,9       | ---             | D57.81,1,2       |
| S05 or BX character meanings as indicated: 1 acute chest syndrome, 2 splenic sequestration, # or 9 crisis, unspecified |                         |             |                      |                 |                   |               |                   |                 |                  |
| SIGNS & SYMPTOMS   |                         |             |                      |                 |                   |               |                   |                 |                  |
|  | Decreased (w/o HTN etc) |             |                      | Low             |                   |               |                   |                 |                  |
| Blood pressure   | R63.0                   |             |                      | R63.1           |                   |               |                   |                 |                  |
|  | Bacterial NOS           |             | C. difficile         |                 | E. coli NOS       |               | Streptococcal     |                 | Unspecified      |
| Diarrhea   |                         |             |                      |                 |                   |               |                   |                 |                  |
| Infectious (due to)  | A04.9                   |             | A04.7                |                 | A04.4             |               | A04.1             |                 | A07.9            |
|  | Cachexia NOS            |             | Chronic NOS          |                 | BX disease        |               | Functional        |                 | Postprocedural   |
| Other  | K52.89                  |             | K52.9                |                 | K52.1             |               | K59.1             |                 | K91.1            |
|  | w/ Vomiting             |             | w/o Vomiting         |                 | Neutropenic       |               | Postprocedural    |                 | Unspecified      |
| Fever  | R50.2                   |             | R50.81               |                 | D70.9, R50.81     |               | R50.52            |                 | R50.9            |
| Rashes   |                         |             |                      |                 |                   |               |                   |                 |                  |
|  | G68 (w/ fever)          |             | Decreased platelets  |                 | Early rashes      |               | Enlarged lymph    |                 | Other            |
| Other  | R68.83                  |             | R68.82               |                 | R68.21            |               | R59.9             |                 | R68.89           |
|  | Generalized BX drug     |             | Localized BX drug    |                 | Unspecified       |               |                   |                 |                  |
| Rash   |                         |             |                      |                 |                   |               |                   |                 |                  |
|  | L27.0                   |             | L27.1                |                 | R21               |               |                   |                 |                  |
|  | w/ Nausea               |             | Progressive          |                 | Unspecified       |               |                   |                 |                  |
| Vomiting   |                         |             |                      |                 |                   |               |                   |                 |                  |
|  | R11.2                   |             | R11.32               |                 | R11.18            |               |                   |                 |                  |
|  | Abnormal weight gain    |             | Abnormal weight loss |                 | Cachexia          |               | Underweight       |                 |                  |
| Weight gain  |                         |             |                      |                 |                   |               |                   |                 |                  |
|  | R63.5                   |             | R63.4                |                 | R63               |               | R63.1             |                 |                  |

FIG. 9

| SPLEEN DISORDERS |         |                           |       |            |            |              |                         |        |             |
|------------------|---------|---------------------------|-------|------------|------------|--------------|-------------------------|--------|-------------|
| Atrophic         | Atrophy | Chronic long splenomegaly | Cyst  | Hypoplasia | Hypoplasia | Infiltration | Neoplasia, splenomegaly | Other  | Unspecified |
| D73.3            | D73.4   | D71.2                     | D71.4 | D73.6      | D73.1      | D71.5        | D73.81                  | D71.49 | D73.9       |

| THALASSEMIA |            |       |             |              |             |       |       |       |       |             |
|-------------|------------|-------|-------------|--------------|-------------|-------|-------|-------|-------|-------------|
|             | Major      | Minor | Transferrin | Minor        | Unspecified |       |       |       |       |             |
| Alpha       | D56.8      | D56.3 | D56.3       | ---          | D56.8       |       |       |       |       |             |
| Beta        | D56.1      | D56.3 | D56.3       | D56.1        | D56.1       |       |       |       |       |             |
| Delta-beta  | ---        | D56.1 | D56.1       | ---          | D56.2       |       |       |       |       |             |
|             | Thrombotic | High  | High P-beta | Intermediate | Major       | Minor | Mixed | Trans | Other | Unspecified |
| Other       | D56.8      | D56.8 | D56.5       | D56.1        | D56.1       | D56.3 | D56.8 | D56.5 | D56.5 | D56.9       |

Sickle cell --- see SICKLE CELL DISEASE

| THROMBOCYTOPENIA |            |          |           |        |         |             |           |             |  |
|------------------|------------|----------|-----------|--------|---------|-------------|-----------|-------------|--|
| Congenital       | Idiopathic | DR Drugs | Essential | ITP    | Myeloid | Primary BPC | Secondary | Unspecified |  |
| D68.42           | D68.59     | D68.59   | D68.1     | D75.82 | D69.3   | D69.49      | D68.59    | D68.6       |  |

| WHITE BLOOD CELL DISORDERS |                 |              |                    |               |              |               |         |             |  |
|----------------------------|-----------------|--------------|--------------------|---------------|--------------|---------------|---------|-------------|--|
|                            | Lymphocytopenia | Other        | Unspecified        |               |              |               |         |             |  |
| Decreased                  | D72.810         | D72.818      | D72.819            |               |              |               |         |             |  |
|                            | Neutropenia     | Neutrophilia | Leukemoid reaction | Lymphocytosis | Neutrophilia | Plasmacytosis | Other   | Unspecified |  |
| Increased                  | D72.825         | D72.824      | D72.823            | D72.820       | D72.821      | D72.822       | D72.823 | D72.829     |  |

| GENERAL MEDICAL |              |                 |               |           |  |  |  |  |  |
|-----------------|--------------|-----------------|---------------|-----------|--|--|--|--|--|
| ENCOUNTER (FOR) |              |                 |               |           |  |  |  |  |  |
| Blood typing    | Chemotherapy | Drug monitoring | Immunotherapy | Radiation |  |  |  |  |  |
| Z01.83          | Z01.11       | Z51.81          | Z01.12        | Z51.8     |  |  |  |  |  |

| EXAMINATION           |   |        |        |        |       |  |          |        |           |        |
|-----------------------|---|--------|--------|--------|-------|--|----------|--------|-----------|--------|
|                       | Laboratory  |        |        |        |       | Other  |          |        | Pre-chemo |        |
| Preprocedural         | Z01.812   |        |        |        |       | Z01.819  |          |        | Z01.819   |        |
|                       | w/ Completed treatment (rad/chemo/surgery) for malignancy |        |        |        |       | w/ Completed treatment (rad/chemo/surgery) for other condition |          |        |           |        |
| Follow up             | Z08   |        |        |        |       | Z91  |          |        |           |        |
| Screen for malignancy | Bladder   | Blood  | Cervix | Colon  | Lung  | Ovary  | Prostate | Rectum | Stom      | Testis |
|                       | Z12.5   | Z12.89 | Z12.4  | Z12.11 | Z12.2 | Z12.13   | Z12.5    | Z12.12 | Z12.89    | Z12.71 |
|                       | Mammogram   |        | Other  |        |       |  |          |        |           |        |
| Breast                | Z12.31  | Z12.39 |        |        |       |  |          |        |           |        |

| STATUS  |   |             |          |  |          |        |
|---|---|-------------|----------|--|----------|--------|
|   | Negative                                |             | Positive |  |          |        |
| Estrogen receptor   | Z17.1                                   |             | Z17.8    |  |          |        |
| Note: Code first malignant neoplasm of breast -- see NECPLA.M, MALIG.NEOP. PRIMARY SITE Breast. |   |             |          |  |          |        |
|   | Hemoglobin A <sub>1c</sub> asymptomatic |             |          | Hemoglobin A <sub>1c</sub> symptomatic |          |        |
| Genetic carrier   | Z14.81                                  |             |          | Z14.82                                 |          |        |
|   | Breast                                  | Endometrium | Rect     | Ovary                                  | Prostate | Other  |
| Genetic suspect, neoplasm, malignant  | Z15.01                                  | Z15.04      | Z15.01   | Z15.02                                 | Z15.03   | Z15.09 |

FIG. 10