

## MSH

| Location | Data Element                    | Data                     | Categorization |
|----------|---------------------------------|--------------------------|----------------|
| MSH-1    | Field Separator                 |                          |                |
| MSH-2    | Encoding Characters             | ^~\&                     |                |
| MSH-4    | Sending Facility                |                          |                |
| MSH-4.1  | Namespace ID                    | WstrnRgnlMedCntr         |                |
| MSH-4.2  | Universal ID                    | 1231231235               |                |
| MSH-4.3  | Universal ID Type               | NPI                      |                |
| MSH-7    | Date/Time Of Message            |                          |                |
| MSH-7.1  | Time                            | 201207171730             |                |
| MSH-9    | Message Type                    |                          |                |
| MSH-9.1  | Message Code                    | ADT                      |                |
| MSH-9.2  | Trigger Event                   | A08                      |                |
| MSH-9.3  | Message Structure               | ADT_A01                  |                |
| MSH-10   | Message Control ID              | NIST-SS-002.21           |                |
| MSH-11   | Processing ID                   |                          |                |
| MSH-11.1 | Processing ID                   | P                        |                |
| MSH-12   | Version ID                      |                          |                |
| MSH-12.1 | Version ID                      | 2.5.1                    |                |
| MSH-15   | Accept Acknowledgment Type      |                          |                |
| MSH-16   | Application Acknowledgment Type |                          |                |
| MSH-21   | Message Profile Identifier      |                          |                |
| MSH-21.1 | Entity Identifier               | PH_SS-NoAck              |                |
| MSH-21.2 | Namespace ID                    | SS Sender                |                |
| MSH-21.3 | Universal ID                    | 2.16.840.1.114222.4.10.3 |                |
| MSH-21.4 | Universal ID Type               | ISO                      |                |

## EVN

| Location | Data Element       | Data             | Categorization |
|----------|--------------------|------------------|----------------|
| EVN-2    | Recorded Date/Time |                  |                |
| EVN-2.1  | Time               | 201207171720     |                |
| EVN-7    | Event Facility     |                  |                |
| EVN-7.1  | Namespace ID       | WstrnRgnlMedCntr |                |
| EVN-7.2  | Universal ID       | 1231231235       |                |
| EVN-7.3  | Universal ID Type  | NPI              |                |

## PID

| Location   | Data Element                    | Data    | Categorization |
|------------|---------------------------------|---------|----------------|
| PID-1      | Set ID - PID                    | 1       |                |
| PID-3      | Patient Identifier List         |         |                |
| PID-3.1    | ID Number                       | 222     |                |
| PID-3.4    | Assigning Authority             |         |                |
| PID-3.4.1  | Namespace ID                    |         |                |
| PID-3.4.2  | Universal ID                    |         |                |
| PID-3.4.3  | Universal ID Type               |         |                |
| PID-5[1]   | Patient Name                    |         |                |
| PID-5[1].7 | Name Type Code                  |         |                |
| PID-5[2]   | Patient Name                    |         |                |
| PID-5[2].7 | Name Type Code                  | U       |                |
| PID-8      | Administrative Sex              | F       |                |
| PID-10     | Race                            |         |                |
| PID-10.1   | Identifier                      | 2106-3  |                |
| PID-10.2   | Text                            | White   |                |
| PID-10.3   | Name of Coding System           | CDCREC  |                |
| PID-10.6   | Name of Alternate Coding System |         |                |
| PID-11     | Patient Address                 |         |                |
| PID-11.3   | City                            | Chicago |                |
| PID-11.4   | State or Province               | 17      |                |
| PID-11.5   | Zip or Postal Code              | 60601   |                |
| PID-11.6   | Country                         | USA     |                |
| PID-11.9   | County/Parish Code              |         |                |
| PID-22     | Ethnic Group                    |         |                |
| PID-22.1   | Identifier                      |         |                |
| PID-22.2   | Text                            |         |                |
| PID-22.3   | Name of Coding System           |         |                |
| PID-22.6   | Name of Alternate Coding System |         |                |
| PID-29     | Patient Death Date and Time     |         |                |
| PID-29.1   | Time                            |         |                |
| PID-30     | Patient Death Indicator         |         |                |

### PV1

| Location | Data Element  | Data | Categorization |
|----------|---------------|------|----------------|
| PV1-1    | Set ID - PV1  | 1    |                |
| PV1-2    | Patient Class | E    |                |

|            |                       |               |  |
|------------|-----------------------|---------------|--|
| PV1-19     | Visit Number          |               |  |
| PV1-19.1   | ID Number             | 20120709_0064 |  |
| PV1-19.4   | Assigning Authority   |               |  |
| PV1-19.4.1 | Namespace ID          |               |  |
| PV1-19.4.2 | Universal ID          |               |  |
| PV1-19.4.3 | Universal ID Type     |               |  |
| PV1-36     | Discharge Disposition |               |  |
| PV1-44     | Admit Date/Time       |               |  |
| PV1-44.1   | Time                  | 201207171700  |  |
| PV1-45     | Discharge Date/Time   |               |  |
| PV1-45.1   | Time                  |               |  |

## PV2

| Location | Data Element                    | Data   | Categorization |
|----------|---------------------------------|--|----------------|
| PV2-3    | Admit Reason                    |  |                |
| PV2-3.1  | Identifier                      | V13.9XXA   |                |
| PV2-3.2  | Text                            | Unspecified pedal cyclist injured in collision with car, pick-up truck or van in traffic accident, initial encounter |                |
| PV2-3.3  | Name of Coding System           | I10  |                |
| PV2-3.6  | Name of Alternate Coding System |  |                |

## OBX

| Location | Data Element                    | Data           | Categorization |
|----------|---------------------------------|----------------|----------------|
| OBX-1    | Set ID - OBX                    | 1              |                |
| OBX-2    | Value Type                      | CWE            |                |
| OBX-3    | Observation Identifier          |                |                |
| OBX-3.1  | Identifier                      | SS003          |                |
| OBX-3.2  | Text                            |                |                |
| OBX-3.3  | Name of Coding System           | PHINQUESTION   |                |
| OBX-3.6  | Name of Alternate Coding System |                |                |
| OBX-5    | Observation Value               |                |                |
| OBX-5.1  | Identifier                      | 261QE0002X     |                |
| OBX-5.2  | Text                            | Emergency Care |                |

|         |                                 |      |  |
|---------|---------------------------------|------|--|
| OBX-5.3 | Name of Coding System           | NUCC |  |
| OBX-5.4 | Alternate Identifier            |      |  |
| OBX-5.5 | Alternate Text                  |      |  |
| OBX-5.6 | Name of Alternate Coding System |      |  |
| OBX-5.9 | Original Text                   |      |  |
| OBX-6   | Units                           |      |  |
| OBX-6.1 | Identifier                      |      |  |
| OBX-6.2 | Text                            |      |  |
| OBX-6.3 | Name of Coding System           |      |  |
| OBX-6.6 | Name of Alternate Coding System |      |  |
| OBX-11  | Observation Result Status       | F    |  |

### OBX

| Location | Data Element                    | Data    | Categorization |
|----------|---------------------------------|---------|----------------|
| OBX-1    | Set ID - OBX                    | 2       |                |
| OBX-2    | Value Type                      | NM      |                |
| OBX-3    | Observation Identifier          |         |                |
| OBX-3.1  | Identifier                      | 21612-7 |                |
| OBX-3.2  | Text                            |         |                |
| OBX-3.3  | Name of Coding System           | LN      |                |
| OBX-3.6  | Name of Alternate Coding System |         |                |
| OBX-5    | Observation Value               | 35      |                |
| OBX-6    | Units                           |         |                |
| OBX-6.1  | Identifier                      | a       |                |
| OBX-6.2  | Text                            | year    |                |
| OBX-6.3  | Name of Coding System           | UCUM    |                |
| OBX-6.6  | Name of Alternate Coding System |         |                |
| OBX-11   | Observation Result Status       | F       |                |

### OBX

| Location | Data Element | Data | Categorization |
|----------|--------------|------|----------------|
| OBX-1    | Set ID - OBX | 3    |                |
| OBX-2    | Value Type   | NM   |                |
|          |              |      |                |

|         |                                 |         |  |
|---------|---------------------------------|---------|--|
| OBX-3   | Observation Identifier          |         |  |
| OBX-3.1 | Identifier                      | 8302-2  |  |
| OBX-3.2 | Text                            |         |  |
| OBX-3.3 | Name of Coding System           | LN      |  |
| OBX-3.6 | Name of Alternate Coding System |         |  |
| OBX-5   | Observation Value               | 65      |  |
| OBX-6   | Units                           |         |  |
| OBX-6.1 | Identifier                      | [in_us] |  |
| OBX-6.2 | Text                            | inch    |  |
| OBX-6.3 | Name of Coding System           | UCUM    |  |
| OBX-6.6 | Name of Alternate Coding System |         |  |
| OBX-11  | Observation Result Status       | F       |  |

### OBX

| Location | Data Element                    | Data    | Categorization |
|----------|---------------------------------|---------|----------------|
| OBX-1    | Set ID - OBX                    | 4       |                |
| OBX-2    | Value Type                      | NM      |                |
| OBX-3    | Observation Identifier          |         |                |
| OBX-3.1  | Identifier                      | 3141-9  |                |
| OBX-3.2  | Text                            |         |                |
| OBX-3.3  | Name of Coding System           | LN      |                |
| OBX-3.6  | Name of Alternate Coding System |         |                |
| OBX-5    | Observation Value               | 128     |                |
| OBX-6    | Units                           |         |                |
| OBX-6.1  | Identifier                      | [lb_av] |                |
| OBX-6.2  | Text                            | pound   |                |
| OBX-6.3  | Name of Coding System           | UCUM    |                |
| OBX-6.6  | Name of Alternate Coding System |         |                |
| OBX-11   | Observation Result Status       | F       |                |

### OBX

| Location | Data Element | Data | Categorization |
|----------|--------------|------|----------------|
| OBX-1    | Set ID - OBX | 5    |                |
|          |              |      |                |

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|---------|---------------------------------|------------------------|--|
| OBX-2   | Value Type                      | CWE                    |  |
| OBX-3   | Observation Identifier          |                        |  |
| OBX-3.1 | Identifier                      | 72166-2                |  |
| OBX-3.2 | Text                            |                        |  |
| OBX-3.3 | Name of Coding System           | LN                     |  |
| OBX-3.6 | Name of Alternate Coding System |                        |  |
| OBX-5   | Observation Value               |                        |  |
| OBX-5.1 | Identifier                      | 266927001              |  |
| OBX-5.2 | Text                            | Unknown if ever smoked |  |
| OBX-5.3 | Name of Coding System           | SCT                    |  |
| OBX-5.4 | Alternate Identifier            |                        |  |
| OBX-5.5 | Alternate Text                  |                        |  |
| OBX-5.6 | Name of Alternate Coding System |                        |  |
| OBX-5.9 | Original Text                   |                        |  |
| OBX-6   | Units                           |                        |  |
| OBX-6.1 | Identifier                      |                        |  |
| OBX-6.2 | Text                            |                        |  |
| OBX-6.3 | Name of Coding System           |                        |  |
| OBX-6.6 | Name of Alternate Coding System |                        |  |
| OBX-11  | Observation Result Status       | F                      |  |

### DG1

| Location | Data Element          | Data   | Categorization |
|----------|-----------------------|--|----------------|
| DG1-1    | Set ID - DG1          | 1  |                |
| DG1-3    | Diagnosis Code - DG1  |  |                |
| DG1-3.1  | Identifier            | S02.10XA   |                |
| DG1-3.2  | Text                  | Unspecified fracture of base of skull, initial encounter for closed fracture |                |
| DG1-3.3  | Name of Coding System | I10  |                |
| DG1-6    | Diagnosis Type        | W  |                |

### DG1

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| Location | Data Element          | Data  | Categorization |
|----------|-----------------------|---|----------------|
| DG1-1    | Set ID - DG1          | 2   |                |
| DG1-3    | Diagnosis Code - DG1  |   |                |
| DG1-3.1  | Identifier            | S06.9X6A  |                |
| DG1-3.2  | Text                  | Unspecified intracranial injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter |                |
| DG1-3.3  | Name of Coding System | I10   |                |
| DG1-6    | Diagnosis Type        | W   |                |

| Location | Data Element                    | Data                     | Categorization |
|----------|---------------------------------|--------------------------|----------------|
| MSH-1    | Field Separator                 |                          |                |
| MSH-2    | Encoding Characters             | ^~\&                     |                |
| MSH-4    | Sending Facility                |                          |                |
| MSH-4.1  | Namespace ID                    | WstrnRgnlMedCntr         |                |
| MSH-4.2  | Universal ID                    | 1231231235               |                |
| MSH-4.3  | Universal ID Type               | NPI                      |                |
| MSH-7    | Date/Time Of Message            |                          |                |
| MSH-7.1  | Time                            | 201207171730             |                |
| MSH-9    | Message Type                    |                          |                |
| MSH-9.1  | Message Code                    | ADT                      |                |
| MSH-9.2  | Trigger Event                   | A08                      |                |
| MSH-9.3  | Message Structure               | ADT_A01                  |                |
| MSH-10   | Message Control ID              | NIST-SS-002.21           |                |
| MSH-11   | Processing ID                   |                          |                |
| MSH-11.1 | Processing ID                   | P                        |                |
| MSH-12   | Version ID                      |                          |                |
| MSH-12.1 | Version ID                      | 2.5.1                    |                |
| MSH-15   | Accept Acknowledgment Type      |                          |                |
| MSH-16   | Application Acknowledgment Type |                          |                |
| MSH-21   | Message Profile Identifier      |                          |                |
| MSH-21.1 | Entity Identifier               | PH_SS-NoAck              |                |
| MSH-21.2 | Namespace ID                    | SS Sender                |                |
| MSH-21.3 | Universal ID                    | 2.16.840.1.114222.4.10.3 |                |
| MSH-21.4 | Universal ID Type               | ISO                      |                |

| Location | Data Element       | Data             | Categorization |
|----------|--------------------|------------------|----------------|
| EVN-2    | Recorded Date/Time |                  |                |
| EVN-2.1  | Time               | 201207171720     |                |
| EVN-7    | Event Facility     |                  |                |
| EVN-7.1  | Namespace ID       | WstrnRgnlMedCntr |                |
| EVN-7.2  | Universal ID       | 1231231235       |                |
| EVN-7.3  | Universal ID Type  | NPI              |                |

| Location   | Data Element                    | Data    | Categorization |
|------------|---------------------------------|---------|----------------|
| PID-1      | Set ID - PID                    | 1       |                |
| PID-3      | Patient Identifier List         |         |                |
| PID-3.1    | ID Number                       | 222     |                |
| PID-3.4    | Assigning Authority             |         |                |
| PID-3.4.1  | Namespace ID                    |         |                |
| PID-3.4.2  | Universal ID                    |         |                |
| PID-3.4.3  | Universal ID Type               |         |                |
| PID-5[1]   | Patient Name                    |         |                |
| PID-5[1].7 | Name Type Code                  |         |                |
| PID-5[2]   | Patient Name                    |         |                |
| PID-5[2].7 | Name Type Code                  | U       |                |
| PID-8      | Administrative Sex              | F       |                |
| PID-10     | Race                            |         |                |
| PID-10.1   | Identifier                      | 2106-3  |                |
| PID-10.2   | Text                            | White   |                |
| PID-10.3   | Name of Coding System           | CDCREC  |                |
| PID-10.6   | Name of Alternate Coding System |         |                |
| PID-11     | Patient Address                 |         |                |
| PID-11.3   | City                            | Chicago |                |
| PID-11.4   | State or Province               | 17      |                |
| PID-11.5   | Zip or Postal Code              | 60601   |                |
| PID-11.6   | Country                         | USA     |                |
| PID-11.9   | County/Parish Code              |         |                |
| PID-22     | Ethnic Group                    |         |                |
| PID-22.1   | Identifier                      |         |                |
| PID-22.2   | Text                            |         |                |
| PID-22.3   | Name of Coding System           |         |                |
| PID-22.6   | Name of Alternate Coding System |         |                |
| PID-29     | Patient Death Date and Time     |         |                |
| PID-29.1   | Time                            |         |                |
|            |                                 |         |                |



|        |                         |  |  |
|--------|-------------------------|--|--|
| PID-30 | Patient Death Indicator |  |  |
|--------|-------------------------|--|--|

| Location   | Data Element          | Data          | Categorization |
|------------|-----------------------|---------------|----------------|
| PV1-1      | Set ID - PV1          | 1             |                |
| PV1-2      | Patient Class         | E             |                |
| PV1-19     | Visit Number          |               |                |
| PV1-19.1   | ID Number             | 20120709_0064 |                |
| PV1-19.4   | Assigning Authority   |               |                |
| PV1-19.4.1 | Namespace ID          |               |                |
| PV1-19.4.2 | Universal ID          |               |                |
| PV1-19.4.3 | Universal ID Type     |               |                |
| PV1-36     | Discharge Disposition |               |                |
| PV1-44     | Admit Date/Time       |               |                |
| PV1-44.1   | Time                  | 201207171700  |                |
| PV1-45     | Discharge Date/Time   |               |                |
| PV1-45.1   | Time                  |               |                |

| Location | Data Element                    | Data   | Categorization |
|----------|---------------------------------|--|----------------|
| PV2-3    | Admit Reason                    |  |                |
| PV2-3.1  | Identifier                      | V13.9XXA   |                |
| PV2-3.2  | Text                            | Unspecified pedal cyclist injured in collision with car, pick-up truck or van in traffic accident, initial encounter |                |
| PV2-3.3  | Name of Coding System           | I10  |                |
| PV2-3.6  | Name of Alternate Coding System |  |                |

#### OBX - 1

| Location | Data Element                    | Data         | Categorization |
|----------|---------------------------------|--------------|----------------|
| OBX-1    | Set ID - OBX                    | 1            |                |
| OBX-2    | Value Type                      | CWE          |                |
| OBX-3    | Observation Identifier          |              |                |
| OBX-3.1  | Identifier                      | SS003        |                |
| OBX-3.2  | Text                            |              |                |
| OBX-3.3  | Name of Coding System           | PHINQUESTION |                |
| OBX-3.6  | Name of Alternate Coding System |              |                |
| OBX-5    | Observation Value               |              |                |
| OBX-5.1  | Identifier                      | 261QE0002X   |                |
|          |                                 |              |                |

|         |                                 |                |  |
|---------|---------------------------------|----------------|--|
| OBX-5.2 | Text                            | Emergency Care |  |
| OBX-5.3 | Name of Coding System           | NUCC           |  |
| OBX-5.4 | Alternate Identifier            |                |  |
| OBX-5.5 | Alternate Text                  |                |  |
| OBX-5.6 | Name of Alternate Coding System |                |  |
| OBX-5.9 | Original Text                   |                |  |
| OBX-6   | Units                           |                |  |
| OBX-6.1 | Identifier                      |                |  |
| OBX-6.2 | Text                            |                |  |
| OBX-6.3 | Name of Coding System           |                |  |
| OBX-6.6 | Name of Alternate Coding System |                |  |
| OBX-11  | Observation Result Status       | F              |  |

#### OBX - 2

| Location | Data Element                    | Data    | Categorization |
|----------|---------------------------------|---------|----------------|
| OBX-1    | Set ID - OBX                    | 2       |                |
| OBX-2    | Value Type                      | NM      |                |
| OBX-3    | Observation Identifier          |         |                |
| OBX-3.1  | Identifier                      | 21612-7 |                |
| OBX-3.2  | Text                            |         |                |
| OBX-3.3  | Name of Coding System           | LN      |                |
| OBX-3.6  | Name of Alternate Coding System |         |                |
| OBX-5    | Observation Value               | 35      |                |
| OBX-6    | Units                           |         |                |
| OBX-6.1  | Identifier                      | a       |                |
| OBX-6.2  | Text                            | year    |                |
| OBX-6.3  | Name of Coding System           | UCUM    |                |
| OBX-6.6  | Name of Alternate Coding System |         |                |
| OBX-11   | Observation Result Status       | F       |                |

#### OBX - 3

| Location | Data Element           | Data   | Categorization |
|----------|------------------------|--------|----------------|
| OBX-1    | Set ID - OBX           | 3      |                |
| OBX-2    | Value Type             | NM     |                |
| OBX-3    | Observation Identifier |        |                |
| OBX-3.1  | Identifier             | 8302-2 |                |
| OBX-3.2  | Text                   |        |                |

|         |                                 |         |  |
|---------|---------------------------------|---------|--|
| OBX-3.3 | Name of Coding System           | LN      |  |
| OBX-3.6 | Name of Alternate Coding System |         |  |
| OBX-5   | Observation Value               | 65      |  |
| OBX-6   | Units                           |         |  |
| OBX-6.1 | Identifier                      | [in_us] |  |
| OBX-6.2 | Text                            | inch    |  |
| OBX-6.3 | Name of Coding System           | UCUM    |  |
| OBX-6.6 | Name of Alternate Coding System |         |  |
| OBX-11  | Observation Result Status       | F       |  |

#### OBX - 4

| Location | Data Element                    | Data    | Categorization |
|----------|---------------------------------|---------|----------------|
| OBX-1    | Set ID - OBX                    | 4       |                |
| OBX-2    | Value Type                      | NM      |                |
| OBX-3    | Observation Identifier          |         |                |
| OBX-3.1  | Identifier                      | 3141-9  |                |
| OBX-3.2  | Text                            |         |                |
| OBX-3.3  | Name of Coding System           | LN      |                |
| OBX-3.6  | Name of Alternate Coding System |         |                |
| OBX-5    | Observation Value               | 128     |                |
| OBX-6    | Units                           |         |                |
| OBX-6.1  | Identifier                      | [lb_av] |                |
| OBX-6.2  | Text                            | pound   |                |
| OBX-6.3  | Name of Coding System           | UCUM    |                |
| OBX-6.6  | Name of Alternate Coding System |         |                |
| OBX-11   | Observation Result Status       | F       |                |

#### OBX - 5

| Location | Data Element           | Data    | Categorization |
|----------|------------------------|---------|----------------|
| OBX-1    | Set ID - OBX           | 5       |                |
| OBX-2    | Value Type             | CWE     |                |
| OBX-3    | Observation Identifier |         |                |
| OBX-3.1  | Identifier             | 72166-2 |                |
| OBX-3.2  | Text                   |         |                |
| OBX-3.3  | Name of Coding System  | LN      |                |
|          | Name of Alternate      |         |                |

|         |                                 |                        |  |
|---------|---------------------------------|------------------------|--|
| OBX-3.6 | Coding System                   |                        |  |
| OBX-5   | Observation Value               |                        |  |
| OBX-5.1 | Identifier                      | 266927001              |  |
| OBX-5.2 | Text                            | Unknown if ever smoked |  |
| OBX-5.3 | Name of Coding System           | SCT                    |  |
| OBX-5.4 | Alternate Identifier            |                        |  |
| OBX-5.5 | Alternate Text                  |                        |  |
| OBX-5.6 | Name of Alternate Coding System |                        |  |
| OBX-5.9 | Original Text                   |                        |  |
| OBX-6   | Units                           |                        |  |
| OBX-6.1 | Identifier                      |                        |  |
| OBX-6.2 | Text                            |                        |  |
| OBX-6.3 | Name of Coding System           |                        |  |
| OBX-6.6 | Name of Alternate Coding System |                        |  |
| OBX-11  | Observation Result Status       | F                      |  |

#### **DG1 - 1**

| Location | Data Element          | Data   | Categorization |
|----------|-----------------------|--|----------------|
| DG1-1    | Set ID - DG1          | 1  |                |
| DG1-3    | Diagnosis Code - DG1  |  |                |
| DG1-3.1  | Identifier            | S02.10XA   |                |
| DG1-3.2  | Text                  | Unspecified fracture of base of skull, initial encounter for closed fracture |                |
| DG1-3.3  | Name of Coding System | I10  |                |
| DG1-6    | Diagnosis Type        | W  |                |

#### **DG1 - 2**

| Location | Data Element         | Data  | Categorization |
|----------|----------------------|---|----------------|
| DG1-1    | Set ID - DG1         | 2   |                |
| DG1-3    | Diagnosis Code - DG1 |   |                |
| DG1-3.1  | Identifier           | S06.9X6A  |                |
| DG1-3.2  | Text                 | Unspecified intracranial injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, |                |

|         |                       |                   |  |
|---------|-----------------------|-------------------|--|
|         |                       | initial encounter |  |
| DG1-3.3 | Name of Coding System | I10               |  |
| DG1-6   | Diagnosis Type        | W                 |  |