**TEST PLAN -**

**Test Message One –**

MSH|^~\&|Test EHR Application|||NIST Test Iz Reg|201207010822||VXU^V04^VXU\_V04|NIST-IZ-019.00|P|2.5.1|||AL|ER||||||||  
PID|1||Q-73221^^^NIST MPI^MR||^Jirra^Emmanuelle^^^^L||20100907|F  
ORC|RE||IZ-783278^NDA|||||||||57422^RADON^NICHOLAS^^^^^^NDA^L  
RXA|0|1|20120229|20120301|141^Influenza^CVX|0.25|mL^milliliters^UCUM||00^New immunization record^NIP001|||||||20121216|SKB^GlaxoSmithKline^MVX|||CP|A  
RXR|IM^Intramuscular^HL70162|RA^Right Arm^HL70163  
OBX|1|CE|64994-7^Vaccine funding program eligibility category^LN|1|V05^VFC eligible - Federally Qualified Health Center Patient (under-insured)^HL70064||||||F|||20120701|||VXC40^Eligibility captured at the immunization level^CDCPHINVS|  
OBX|2|CE|30956-7^vaccine type^LN|2|88^Influenza, unspecified formulation^CVX||||||F  
OBX|3|TS|29768-9^Date vaccine information statement published^LN|2|20120702||||||F  
OBX|4|TS|29769-7^Date vaccine information statement presented^LN|2|20120814||||||F  
ORC|RE||IZ-783281^NDA|||||||||57422^RADON^NICHOLAS^^^^^^NDA^L  
RXA|0|1|20110216||10^IPV^CVX|999|||01^Historical information - source unspecified^NIP001  
ORC|RE||IZ-783282^NDA|||||||||57422^RADON^NICHOLAS^^^^^^NDA^L  
RXA|0|1|20120816||120^DTaP-Hib-IPV^CVX|0.5|mL^milliliters^UCUM||00^New immunization record^NIP001|||||||20121216|PMC^sanofi pasteur^MVX|||CP|A  
RXR|IM^Intramuscular^HL70162|RA^Right Arm^HL70163  
OBX|1|CE|64994-7^Vaccine funding program eligibility category^LN|1|V05^VFC eligible - Federally Qualified Health Center Patient (under-insured)^HL70064||||||F|||20120701|||| OBX|2|CE|30956-7^vaccine type^LN|2|107^DTaP^CVX||||||F  
OBX|3|TS|29768-9^Date vaccine information statement published^LN|2|20070517||||||F  
OBX|4|TS|29769-7^Date vaccine information statement presented^LN|2|20120816||||||F  
OBX|5|CE|30956-7^vaccine type^LN|3|89^Polio^CVX||||||F  
OBX|6|TS|29768-9^Date vaccine information statement published^LN|3|20111108||||||F  
OBX|7|TS|29769-7^Date vaccine information statement presented^LN|3|20120816||||||F  
OBX|8|CE|30956-7^vaccine type^LN|4|17^Hib^CVX||||||F  
OBX|9|TS|29768-9^Date vaccine information statement published^LN|4|20111108||||||F  
OBX|10|TS|29769-7^Date vaccine information statement presented^LN|4|20120816||||||F  
ZZZ|||||

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Segment/Field** | **Error** | **Expected Outcome** |
| 1 | MSH-4 | Missing | Error |
| 2 | MSH-22 | Added field | Ignore |
| 3 | PID-5 | Last Name Missing | Error |
| 4 | RXA-3 | Given on Leap Year [2/29/2012] | Warning |
| 5 | RXA-4 | Not Equal to Start Time [3/1/2012] | Warning |
| 6 | RXA-15 | Lot Number Missing, given shot | Warning |
| 7 | OBX-17 | Missing | Error |
| 8 | ZZZ | Extra Segment sent | Ignored |

**Test Message Two –**

MSH|^~\&|Test EHR Application|X68||NIST Test Iz Reg|201207010822||VXU^V04^VXU\_V04|NIST-IZ-013.00|P|3.0|||AL|ER  
PID|1||MR67323^^^NISTMPI^MR||Fleming^Chad^^^^^L||20100830|M||6898^^HL70005||ORC|RE||9999^CDC  
RXA|0|1|20120815||03^MMR^CXX|0.5|ml^^UCUM||5-G|||||||||||CP

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Segment/Field** | **Error** | **Expected Outcome** |
| 1 | MSH-12 | Incorrect Version [3.0] | Error |
| 2 | PID-10 | Invalid Race Code [6898] | Warning |
| 3 | PID-11 | Address missing | Error |
| 4 | RXA-5.3 | Value not CVX [CXX] | Error |
| 5 | RXA-9 | Value not recognized, given shot-[5-G] | Warning |

**Test Message Three –**

MSH|^~\&|Test EHR Application|X68||NIST Test Iz Reg|201207010822||VXU^V04^VXU\_V04|NIST-IZ-016.00|P|2.5.1|||AL|ER  
PID|1||^^^NIST MPI^MR||Wolfe^Aron^^^^^L||20010907|M  
PID|1||^^^NIST MPI^MR||Wolfe^Aron^^^^^L||20010907|M  
ORC|RE||9999^CDC  
RXA|0|1|20110215||998^No vaccine administered^CVX|999||||||||||||LOL^Laugh Out Loud^NIP002||RE|  
OBX|1|CE|GG^Disease with presumed immunity^LN|1|^Varicella infection^SCT||||||F

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Segment/Field** | **Error** | **Expected Outcome** |
| 1 | PID-3 | Empty field | Error |
| 2 | PID Segment | Repeated segment | Error |
| 3 | RXA-18 | Invalid code [LOL] | Warning |
| 4 | RXA-20 | Refusal | Error |
| 5 | OBX-3 | Invalid LOINC code [LOL] | Warning |
| 6 | OBX-5 | Empty field | Warning |