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| **Project:** | **HL7 Training** | **Origination Date:** | 04/11/2013 |
| **FDD Subject:** | HL7 2.5.1 VXU Message | **Last Updated Date:** | 04/11/2013 |
| **Prepared by:** | James Wasa / Kevin D. Samuelson |  |  |
| **Tester:** | James Wasa / Kevin D. Samuelson |  |  |
| **Developer:** | ?? |  |  |

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| **Test ID 1** | **HL7 2.5.1 - Required Field Testing** |
| **Requirement #:** | Testing Required Fields |
| **Required Test:** | Test select required fields in a 2.5.1 VXU message |

**Detailed Test Cases:**

MSH|^~\&|Test EHR Application|X68||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||Mercer^Jirra^Emmanuelle^^^^L||20100907|F

ORC|RE||IZ-783278^NDA|||||||||57422^RADON^NICHOLAS^^^^^^NDA^L

RXA|0|1|20120816||141^Influenza^CVX|0.25|mL^milliliters^UCUM||00^New immunization record^NIP001||||||K5094SC|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||||||568AHK11|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|||VXC40^Eligibility captured at the immunization level^CDCPHINVS

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

|  |  |  |  |  | **Pass/Fail** | | |
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| **Test Case** | **Test Condition** | **Triggering Event** | **Expected Results** | **Actual Results** | **Batch** | **Web**  **Service** | **PHINMS** |
| 1 | MSH-4  Required field | MSH-4 is null | Full message is rejected and ACK msg type is returned indicating error  MSA|AE|99999  ERR|MSH^0^4^1|101^Required Field Missing^HL70357|E |  |  |  |  |
| MSH|^~\&|Test EHR Application|||NIST Test Iz Reg|201207010822||VXU^V04^VXU\_V04|NIST-IZ-016.00|P|2.5.1|||AL|ER  PID|1||MR-11891^^^NIST MPI^MR||Wolfe^Aron^^^^^L||20010907|M  ORC|RE||9999^CDC  RXA|0|1|20110215||998^No vaccine administered^CVX|999||||||||||||||NA  OBX|1|CE|59784-9^Disease with presumed immunity^LN|1|38907003^Varicella infection^SCT||||||F | | | | | | | |
| 2 | MSH-4:  Invalid Value | MSH-4 is set to “X86” | Full message is rejected and ACK msg type is returned indicating error  MSA|AE|99999  ERR|MSH^0^4^1|103^Table Value Not Found^HL70357|E |  |  |  |  |
| MSH|^~\&|Test EHR Application|X86||NIST Test Iz Reg|201207010822||VXU^V04^VXU\_V04|NIST-IZ-016.00|P|2.5.1|||AL|ER  PID|1||MR-11891^^^NIST MPI^MR||Wolfe^Aron^^^^^L||20010907|M  ORC|RE||9999^CDC  RXA|0|1|20110215||998^No vaccine administered^CVX|999||||||||||||||NA  OBX|1|CE|59784-9^Disease with presumed immunity^LN|1|38907003^Varicella infection^SCT||||||F | | | | | | | |
| 3 | MSH-12:  Value is valid HL7 version, but is not 2.5.1 | MSH-12 equals value of “2.3.1” (any valid version other than the expected 2.5.1.) | message is accepted and ACK msg type is returned indicating Warning  MSA|AA|99999  ERR|MSH^12^1|0^Message Accepted^HL70357|W||||Warning – Version xxx is not a supported HL7 Version. Defaulting to 2.5.1 |  |  |  |  |
| MSH|^~\&|Test EHR Application|X68||NIST Test Iz Reg|201207010822||VXU^V04^VXU\_V04|NIST-IZ-016.00|P|2.3.1|||AL|ER  PID|1||MR-11891^^^NIST MPI^MR||Wolfe^Aron^^^^^L||20010907|M  ORC|RE||9999^CDC  RXA|0|1|20110215||998^No vaccine administered^CVX|999||||||||||||||NA  OBX|1|CE|59784-9^Disease with presumed immunity^LN|1|38907003^Varicella infection^SCT||||||F | | | | | | | |
| 4 | MSH-12:  Invalid HL7 version | MSH-12 equals “2.4.8” | Full message is rejected and ACK msg type is returned indicating error  MSA|AR|99999  ERR|MSH^12^1|203^Unspecified Version Id^HL70357|E||||REJECT – Invalid HL7 Version |  |  |  |  |
| MSH|^~\&|Test EHR Application|X68||NIST Test Iz Reg|201207010822||VXU^V04^VXU\_V04|NIST-IZ-016.00|P|2.4.8|||AL|ER  PID|1||MR-11891^^^NIST MPI^MR||Wolfe^Aron^^^^^L||20010907|M  ORC|RE||9999^CDC  RXA|0|1|20110215||998^No vaccine administered^CVX|999||||||||||||||NA  OBX|1|CE|59784-9^Disease with presumed immunity^LN|1|38907003^Varicella infection^SCT||||||F | | | | | | | |
| 5 | PID-5  Required field test | PID-5.1 is null | Full message is rejected and ACK msg type is returned indicating error  MSA|AE|99999  ERR|PID^1^5^1|101^Required Field Missing^HL70357|E |  |  |  |  |
| MSH|^~\&|Test EHR Application|X68||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|20120816||141^Influenza^CVX|0.25|mL^milliliters^UCUM||00^New immunization record^NIP001||||||K5094SC|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||||||568AHK11|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|||VXC40^Eligibility captured at the immunization level^CDCPHINVS  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 | | | | | | | |
| 6 | PID-6  Mother’s maiden name is not provided | PID-6 is null | message is accepted and ACK msg type is returned indicating Warning  MSA|AA|99999  ERR|PID^1^6|0^Message Accepted^HL70357|W||||Warning – Mother’s Maiden name is highly recommended for client matching. Please, send if you are able. |  |  |  |  |
| MSH|^~\&|Test EHR Application|X68||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||Mercer^Jirra^Emmanuelle^^^^L||20100907|F  ORC|RE||IZ-783278^NDA|||||||||57422^RADON^NICHOLAS^^^^^^NDA^L  RXA|0|1|20120816||141^Influenza^CVX|0.25|mL^milliliters^UCUM||00^New immunization record^NIP001||||||K5094SC|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||||||568AHK11|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|||VXC40^Eligibility captured at the immunization level^CDCPHINVS  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 | | | | | | | |
| 7 | PID-7 is invalid | PID-7 contains value of 20130231 | Full message is rejected and ACK msg type is returned indicating error  MSA|AE|99999  ERR|PID^1^7|207^Application Internal Error^HL70357|E||||REJECT – Date of Birth is invalid |  |  |  |  |
| MSH|^~\&|Test EHR Application|X68||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||Mercer^Jirra^Emmanuelle^^^^L||20130231|F  ORC|RE||IZ-783278^NDA|||||||||57422^RADON^NICHOLAS^^^^^^NDA^L  RXA|0|1|20120816||141^Influenza^CVX|0.25|mL^milliliters^UCUM||00^New immunization record^NIP001||||||K5094SC|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||||||568AHK11|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|||VXC40^Eligibility captured at the immunization level^CDCPHINVS  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 | | | | | | | |
| 8 | PID-10  Race code is not a currently accepted value | PID-10 contains a value of 1999-0 | message is accepted and ACK msg type is returned indicating Warning  MSA|AA|99999  ERR|PID^1^10|0^Message Accepted^HL70357|W||||Warning – Race code is invalid and was not retained by the IIS. |  |  |  |  |
| 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||MR-11891^^^NIST MPI^MR||Wolfe^Aron^^^^^L||20010907|M||1999-0^not valid^HL70005|  ORC|RE||9999^CDC  RXA|0|1|20110215||998^No vaccine administered^CVX|999||||||||||||||NA  OBX|1|CE|59784-9^Disease with presumed immunity^LN|1|38907003^Varicella infection^SCT||||||F | | | | | | | |
| 9 | PID-10  Race code is a recognized, but has been deprecated | PID-10 contains value of “W” | message is accepted and ACK msg type is returned indicating Warning  MSA|AA|99999  ERR|PID^1^10|0^Message Accepted^HL70357|W||||Warning – Race code is not valid with current code set. “W” was retained as 2106-3 |  |  |  |  |
| 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||MR-11891^^^NIST MPI^MR||Wolfe^Aron^^^^^L||20010907|M||W^White^HL70005|  ORC|RE||9999^CDC  RXA|0|1|20110215||998^No vaccine administered^CVX|999||||||||||||||NA  OBX|1|CE|59784-9^Disease with presumed immunity^LN|1|38907003^Varicella infection^SCT||||||F | | | | | | | |
| 10 | PID-10  Race code is not a recognized or valid value | PID-10 contains a value of 1999-0 | message is accepted and ACK msg type is returned indicating Warning  MSA|AA|99999  ERR|PID^1^10|0^Message Accepted^HL70357|W||||Warning – Race code is invalid and was not retained by the IIS. |  |  |  |  |
| 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||MR-11891^^^NIST MPI^MR||Wolfe^Aron^^^^^L||20010907|M||1999-0^not valid^HL70005|  ORC|RE||9999^CDC  RXA|0|1|20110215||998^No vaccine administered^CVX|999||||||||||||||NA  OBX|1|CE|59784-9^Disease with presumed immunity^LN|1|38907003^Varicella infection^SCT||||||F | | | | | | | |
|  | | | | | | | |
| 11 | PID-10  Race code is missing | PID-10 is null | message is accepted and ACK msg type is returned indicating Warning  MSA|AA|99999  ERR|PID^1^10|0^Message Accepted^HL70357|W||||Warning – Race code is recommended, but was not provided. |  |  |  |  |
| 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||MR-11891^^^NIST MPI^MR||Wolfe^Aron^^^^^L||20010907|M||^^HL70005|  ORC|RE||9999^CDC  RXA|0|1|20110215||998^No vaccine administered^CVX|999||||||||||||||NA  OBX|1|CE|59784-9^Disease with presumed immunity^LN|1|38907003^Varicella infection^SCT||||||F | | | | | | | |
| 12 | RXA-3  Missing required field | RXA-3 is null | Full message is rejected and ACK msg type is returned indicating error  MSA|AE|99999  ERR|RXA^10^3|101^Required Field Missing^HL70357|E||||REJECT – Vaccine Administration Date is required. |  |  |  |  |
| MSH|^~\&|Test EHR Application|X68||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||Mercer^Jirra^Emmanuelle^^^^L||20100907|F  ORC|RE||IZ-783278^NDA|||||||||57422^RADON^NICHOLAS^^^^^^NDA^L  RXA|0|1|20120816||141^Influenza^CVX|0.25|mL^milliliters^UCUM||00^New immunization record^NIP001||||||K5094SC|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|||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||||||568AHK11|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|||VXC40^Eligibility captured at the immunization level^CDCPHINVS  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 | | | | | | | |
| 13 | RXA-3  Value is before patient’s date of birth | RXA-3 value equals 20100901 | Full message is rejected and ACK msg type is returned indicating error  MSA|AE|99999  ERR|RXA^10^3|207^Application Internal Error^HL70357|E||||REJECT – Vaccine Administration Date is before client Date of Birth. |  |  |  |  |
| MSH|^~\&|Test EHR Application|X68||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||Mercer^Jirra^Emmanuelle^^^^L||20100907|F  ORC|RE||IZ-783278^NDA|||||||||57422^RADON^NICHOLAS^^^^^^NDA^L  RXA|0|1|20120816||141^Influenza^CVX|0.25|mL^milliliters^UCUM||00^New immunization record^NIP001||||||K5094SC|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|20100901||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||||||568AHK11|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|||VXC40^Eligibility captured at the immunization level^CDCPHINVS  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 | | | | | | | |
| 21 | RXA-9  The value is missing when the value in RXA-5 is 998 | RXA-5.1 = 998 and RXA-9 is null | message is accepted and ACK msg type is returned indicating Informational  MSA|AA|99999  ERR|RXA^3^9|0^Message Accepted^HL70357|I||||Informational – RXA-9 is null. Immunization will be retained as historical. |  |  |  |  |
| MSH|^~\&|Test EHR Application|X68||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||Mercer^Jirra^Emmanuelle^^^^L||20100907|F  ORC|RE||IZ-783278^NDA|||||||||57422^RADON^NICHOLAS^^^^^^NDA^L  RXA|0|1|20120816||141^Influenza^CVX|0.25|mL^milliliters^UCUM||^New immunization record^NIP001||||||K5094SC|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||||||568AHK11|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|||VXC40^Eligibility captured at the immunization level^CDCPHINVS  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 | | | | | | | |
| 23 | RXA-18  Value is empty when RXA-20 indicates refusal |  | Full message is rejected and ACK msg type is returned indicating error  MSA|AE|99999  ERR|RXA^3^18|101^Required Field Missing^HL70357|E||||REJECT – Refusal reason is required because vaccine was denoted as refused (RXA-20 = “RE”) |  |  |  |  |
| MSH|^~\&|Test EHR Application|X68||NIST Test Iz Reg|201207010822||VXU^V04^VXU\_V04|NIST-IZ-013.00|P|2.5.1|||AL|ER  PID|1||MR-67323^^^NIST MPI^MR||Fleming^Chad^^^^^L||20100830|M  ORC|RE||9999^CDC  RXA|0|1|20120815||03^MMR^CVX|999||||||||||||^Parental Refusal^NIP002||RE | | | | | | | |
| 29 | An unrecognized custom Z segment is inserted in the message | Segement ZZZ following ORC | message is accepted and ACK msg type is returned indicating Informational  MSA|AA|99999  ERR|ZZZ^3^|0^Message Accepted^HL70357|I||||Informational – Segment ZZZ is not supported and was ignored by the IIS. |  |  |  |  |
| MSH|^~\&|Test EHR Application|X68||NIST Test Iz Reg|201207010822||VXU^V04^VXU\_V04|NIST-IZ-013.00|P|2.5.1|||AL|ER  PID|1||MR-67323^^^NIST MPI^MR||Fleming^Chad^^^^^L||20100830|M  ORC|RE||9999^CDC  ZZZ|  RXA|0|1|20120815||03^MMR^CVX|999||||||||||||00^Parental Refusal^NIP002||RE | | | | | | | |
|  |  |  |  |  |  |  |  |
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