### Populate an Immunization Registry

#### Description

The data required within an Immunization Registry to enable the control and elimination of vaccine preventable diseases by ensuring the provision of information and knowledge necessary to stakeholders using the registry to achieve the best possible immunization coverage for subjects.

#### Reference Models

|  |  |  |
| --- | --- | --- |
| [**Immunization**](StructureDefinition-Immunization-uc1.html)  **(for registry population)** |  | This model uses the following specialized models:   * [Subject of Care](StructureDefinition-Subject-uc1.html) (for registry population) * [Immunization Forecast](StructureDefinition-Immunization-uc1.html) (for registry population) * [Product](StructureDefinition-Product-uc1.html) (for registry population) |

### Record a Current immunization event.

#### Description

The data required by an immunizer or authorized person who has just immunized a subject to record and/or share the immunization event. The authorized person has complete information about the product (has vial in hand) and its administration to the subject who received the product. This immunization record may be shared with an Immunization Registry or other system.

#### Reference Model

|  |  |  |
| --- | --- | --- |
| [**Immunization**](StructureDefinition-Immunization-uc2.html)  **(for event recording)** |  | This model uses the following specialized models:   * Subject of Care (for event recording) * Immunization Forecast (for event recording) * [Product (for event recording)](StructureDefinition-Product-uc2.html) |

### Record a Historic immunization event.

#### Description

The data required by an authorized person who is required to record and/or share an immunization event that occurred in the past. The information may or may not include all information pertaining the product or its administration to the subject.

#### Reference Model

|  |  |  |
| --- | --- | --- |
| [**Immunization**](StructureDefinition-Immunization-uc3.html)  **(for historic event)** |  | This model uses the following specialized models:   * Subject of Care (for historic event) * Immunization Forecast (for historic event) * Product (for historic event) |

### Create Subject Immunization history

#### Description

The data required by a clinician or subject with the intent to view and/or review a subject's immunization history. The immunization history could pertain to one vaccine preventable disease or cover all immunization events over time that pertain to a subject.

#### Reference Model

|  |  |  |
| --- | --- | --- |
| [**Immunization**](StructureDefinition-Immunization-uc4.html)  **(for immunization history)** |  | This model uses the following specialized models:   * Subject of Care (for immunization history) * Immunization Forecast (for immunization history) * Product (for immunization history) |

### Create Subject immunization reminder

#### Description

The data required by a clinician or subject that identifies the subject's next scheduled vaccination or dose. This may be generated by an Immunization Registry or other system.

#### Reference Model

|  |  |  |
| --- | --- | --- |
| [**Immunization**](StructureDefinition-Immunization-uc5.html)  **(for immunization reminder)** |  | This model uses the following specialized models:   * Subject of Care (for immunization reminder) * Immunization Forecast (for immunization reminder) * Product (for immunization reminder) |

### Create anonymized immunization reports.

#### Description

This data required by an authorised agency/entity to create a report that demonstrates an anonymized population level immunization status/summary, i.e., a status of COVID-19 immunization at a certain location or country.

#### Reference Model

|  |  |  |
| --- | --- | --- |
| [**Immunization**](StructureDefinition-Immunization-uc6.html)  **(for anonymized reports)** |  | This model uses the following specialized models:   * Subject of Care (for anonymized reports) * Immunization Forecast (for anonymized reports) * Product (for anonymized reports) |