**Axiom template for dental implant bodies**

instances in *italics*, relations in **bold**, class names are capitalized

\*\* means to adjust for appropriate subtype (e.g., tooth, surface, restoration material)

**- Declare material entities:**

*:material* **rdf:type** :Dental Restoration Material

*:prosthetic tooth* **rdf:type** :Prosthetic Tooth \*\*

*:dental implant body* **rdf:type :**Dental Implant body

*:patient* **rdf:type** :Human Dental Patient

*:provider* **rdf:type** :Dental Health Care Provider

**- Relate material entities**

*:material* **part of** *:dental implant body*

*:dental implant body* **part of** *:prosthetic tooth*

*:prosthetic tooth* **part of** *:patient*

***-* Declare restoration procedure, when it occurred, and the visit it is part of**

*:visit* **rdf:type** :Dental Visit

*:procedure* **rdf:type** :Dental Implant Procedure\*\*

*:procedure* **part of** *:visit*

*:procedure* **occurrence date** <xsd:dateTime> ## this is optional

**- Specify the inputs and outputs of procedure**

*:procedure* **has\_specified\_input** *:material* **NB: There are more than one.**

*:procedure* **has\_specified\_input** *:provider*

*:procedure* **has\_specified\_output** *:dental implant body*

**- Declare CDT code and what it is about**

*:cdt code* **rdf:type** :Billing Code \*\*

*:cdt code* **is about** *:procedure*

**- Add organization identifier annotation**

*:material* **organization identifier** “*NDPBRN practice #*”

*:prosthetic tooth* **organization identifier** “*NDPBRN practice #*”

*:dental implant body* **organization identifier** “*NDPBRN practice #*”

*:patient* **organization identifier** “*NDPBRN practice #*”

*:provider* **organization identifier** “*NDPBRN practice #*”

*:visit* **organization identifier** “*NDPBRN practice #*”

*:procedure* **organization identifier** “*NDPBRN practice #*”

*:cdt* **organization identifier** “*NDPBRN practice #*”

**- CDT codes for dental implants**

'D6010' (endosteal dental implant procedure)

'D6011' (second stage dental implant procedure)

'D6012' (surgical placement interim implant, procedure uses “surgical dental implant procedure”)

'D6013' (mini dental implant procedure)

'D6040' (eposteal dental implant procedure)

'D6050' (transosteal dental implant procedure)