

## Briefing Note for the Member Forum, Content Managers Advisory Group, Editorial Advisory Group, Customer Relations Service Management (CSRM) and Clinical Leads Group

### Feedback request for a proposed new model for solid organ and tissue transplant procedures

1st May 2024

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#### Purpose

Feedback request for a proposed new model for solid organ and tissue transplant procedures.

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#### Background

Following discussion at the 2023-10-23 SNOMED Editorial Advisory Group Face to Face meeting, a new model was developed for solid organ and tissue transplant procedures as part of Content Team QI work on procedures. The new model will be available in Q3-Q4, 2024.

#### Solution

##### 1. Solid Organ Transplant

- Remodel subtypes of 313039003 |Solid organ transplant (procedure)|
- The work involves the addition of content to < 422285003 |Transplant solid organ (substance)| and < 24486003 |Structure of transplant (body structure) |
- The organs affected are kidney, lung, heart, liver, pancreas, and spleen.
- The recommended description (legacy content may not align) is Transplantation of [x body structure] (procedure)
- The new model comprises one role group of 3 defining attributes:
  - Method (attribute) = 410820007 |Surgical transplantation - action (qualifier value)|
  - Procedure site - Direct (attribute) = << 24486003 |Structure of transplant (body structure)|
  - Direct substance (attribute) = << 422285003 |Transplant solid organ (substance)|.

☰ Transplantation of heart (procedure) ☆ 📄

SCTID: 32413006

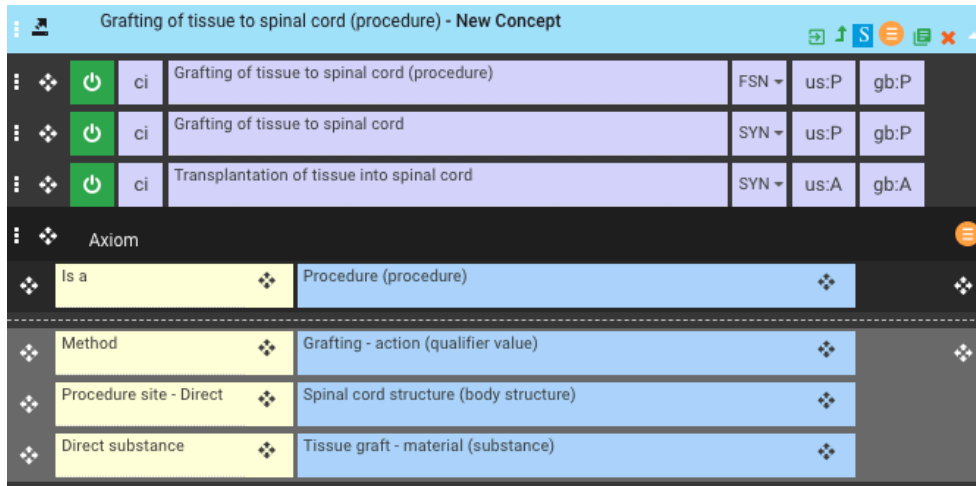
32413006 | Transplantation of heart (procedure) |

- en Transplantation of heart (procedure)
- en Transplantation of heart
- en CTx - Cardiac transplant
- en HTx - Heart transplant
- en Heart transplant
- en Heart transplantation
- en HTx - Heart transplant

Method → Surgical transplantation - action  
 Procedure site - Direct → Structure of transplanted heart  
 Direct substance → Transplant heart

## 2. Tissue Transplant Procedures

- Refers to bone, muscle, nerve, tendon, skin etc
- 234336002 |Hemopoietic stem cell transplant (procedure)| and subtypes will be excluded
- Based on feedback from the Editorial Advisory Group discussion, at the tissue transplant level *graft* and *transplant* are used interchangeably so where both concepts exist and research shows them to be duplicates, the transplant procedure is inactivated and placed as a synonym for the grafting procedure
- Tissue transplant procedures will not use << 24486003 |Structure of transplant (body structure)| for the Procedure site - direct relationship, to prevent having to create numerous new transplant body structure concepts, but instead will use normal body structures
- Additional << 261571005 |Tissue graft - material (substance)| substances will be required as a target for 363701004 |Direct substance (attribute)|.



### Impact to content users

- 45 subtypes of 313039003 [Solid organ transplant (procedure)] will be remodeled
- 5 new substances will be added to the 422285003 [Transplant solid organ (substance)] hierarchy. More will be added following the review of tissue transplant procedures
- 22 new body structures to be added to the 24486003 [Structure of transplant (body structure)] hierarchy
- Approx. 230 subtypes of 77465005 [Transplantation (procedure)] that are tissue transplant groupers will be reviewed
- Editorial guidance and 2 Templates will be created.

### Release date

Target date is Q3/Q4 2024 release.

Please send feedback to [nin@snomed.org](mailto:nin@snomed.org) by 15<sup>th</sup> June 2024.

Approvals	Date	Name
Chief Terminologist	May 6, 2024	James T. Case
Director of Content and Mapping	May 3, 2024	Monica Harry
CSRM team	May 8, 2024	Kelly Kuru

*Nicki Ingram, 2024-05-01*