

Briefing Note for the Editorial Advisory Group, Content Managers Advisory
Group and Member Forum
April 2021

Duplicate concepts in the Computed Tomography imaging hierarchy

Purpose

To bring to the attention of members the occurrence of duplicate concepts in the CT imaging procedure area of the hierarchy and solicit feedback regarding the implementation impact of inactivating such content.

Background

As part of the Quality Initiative it was noted that there are two patterns used to model what is essentially the same procedure.

Consulted with the DICOM liaison as well as a radiographer in active practise in the UK for an opinion on the usefulness of content in the CT imaging area.

Conclusion is that the concepts in question are semantic duplicate.

Issue

Examples of duplication:

1. 418487002 |Computed tomography and drainage of chest (procedure)| (combined procedures)
439476007 |Drainage of thorax using computed tomography guidance (procedure)|
2. 418787001 |Computed tomography and biopsy of chest (procedure)| (combined procedures)
440491000 |Biopsy of thorax using computed tomography guidance (procedure)|

Next Steps

If no member comes forward with a use case to support the combined procedure pattern, concepts modelled as combined procedures will be inactivated as duplicate with replacement values pointing to the individual procedures.

Specific example:

418487002 |Computed tomography and drainage of chest (procedure)|

Inactivate as Duplicate/Same as 439476007 |Drainage of thorax using computed tomography guidance (procedure)|

Examples

420230009 Computed tomography and aspiration of abdomen (procedure)
417911000 Computed tomography and aspiration of chest (procedure)
418458003 Computed tomography and aspiration of liver (procedure)
418625000 Computed tomography and aspiration of neck (procedure)
419520007 Computed tomography and aspiration of pelvis (procedure)
418847003 Computed tomography and aspiration of thyroid (procedure)
418046008 Computed tomography and aspiration of upper abdomen (procedure)
419940006 Computed tomography and biopsy of abdomen (procedure)
418787001 Computed tomography and biopsy of chest (procedure)
418749009 Computed tomography and biopsy of liver (procedure)
420036006 Computed tomography and biopsy of neck (procedure)
419341002 Computed tomography and biopsy of pelvis (procedure)
419734005 Computed tomography and biopsy of thyroid (procedure)
420199004 Computed tomography and biopsy of upper abdomen (procedure)
418199004 Computed tomography and drainage of abdomen (procedure)
418487002 Computed tomography and drainage of chest (procedure)
418158005 Computed tomography and drainage of liver (procedure)
418584006 Computed tomography and drainage of neck (procedure)
419178009 Computed tomography and drainage of pancreas (procedure)
419075009 Computed tomography and drainage of pelvis (procedure)
418015009 Computed tomography and drainage of thyroid (procedure)
419812000 Computed tomography and drainage of upper abdomen (procedure)

Recommendations

Request: Objection to the proposal accompanied by use case sent to mharry@snomed.org by April 30th, 2021

Thereafter, content will be inactivated in then next upcoming release. NOTE: with move to monthly release, may be published as early as September 2021.

Monica Harry, 2021-04-13