Contrast for Imaging

It is essential to express when contrast is part of a procedure and that descriptions are constructed consistently.

For example,
- 702501008 | Computed tomography of knee with contrast (procedure)
  - FSN: Computed tomography of knee with contrast (procedure)
  - PT: CT of knee with contrast
  - SYN: Computed tomography of knee with contrast

Although vascular contrast and other contrast are regularly used in imaging procedures, it is agreed that there is no need to specify vascular for procedures involving the vasculature.

For example,
- 431326009 | Computed tomography of neck with contrast (procedure)
  - Unacceptable example, CT of neck with vascular contrast

It is agreed that it is unnecessary to add the word media to contrast.

It is agreed that the link word to associate the contrast use with the procedure is without for or etc.

Exception

Fluoroscopic angiography and fluoroscopic-guided angiography procedures do not require with contrast.

For example,
- 418867007 | Fluoroscopic angiography of abdominal vascular structure (procedure)

Although vascular contrast and other contrast are regularly used in imaging procedures, it is agreed that there is no need to specify vascular contrast for procedures involving the vasculature.

For example,
- 431326009 | Computed tomography of neck with contrast (procedure)
  - Unacceptable example, CT of neck with vascular contrast

It is agreed that it is unnecessary to add the word media to contrast.

It is agreed that the link word to associate the contrast use with the procedure is without for or etc.

Imaging without contrast

Although considered a negation, this term is used in clinical records. Without contrast imaging procedures are acceptable.

For example,
- 566341000119106 | Computed tomography of ankle without contrast (procedure)
  - FSN: Computed tomography of ankle without contrast (procedure)
  - PT: CT ankle without contrast
  - SYN: Computed tomography of ankle without contrast

Without contrast

There is a case for explicitly adding a concept qualification when naming procedures that are explicitly performed without contrast.

In the UK and Australia, it was reported that there are no procedures that specify without contrast pre-coordinated in the national subset. With this information, implementation guidance may be provided.

Unacceptable concept qualification

With and without and With or without imaging concepts are not acceptable due to ambiguity. Two concepts should be used to express these separately.