

# necessary condition

A characteristic that is always true of a [concept](#).

## Notes

- Some *necessary conditions* can be represented as [defining relationships](#) but other *necessary conditions* that can be represented as [OWL axioms](#) cannot be represented as *relationships*.
- The [relationship file](#) represents the [inferred view](#) of *necessary conditions* in that can be represented as *relationships*.

## Example

- If you have a [71620000 | fracture of femur|](#), the morphological abnormality [72704001 | fracture|](#) must be present. Therefore, [116676008 | morphology|](#) = [72704001 | fracture|](#) is a *necessary condition* of [71620000 | fracture of femur|](#).

## Change Notices

- Prior to July 2018, SNOMED CT represented all *necessary conditions* in the [stated view](#) as [defining relationships](#) in the [stated relationship file](#).
- Changes introduced in the July 2018 release of the [International Edition](#) mean that in future *necessary conditions* in the [stated view](#) will be represented as [axioms](#) in the [OWL axiom reference set file](#).

## Related Links

- [Necessary Conditions](#)