



# 201918 Leveraging standardized nutrition terminology through SNOMED CT

Constantina Papoutsakis, Academy of Nutrition and Dietetics (US)

## Summary

We will describe a standardized terminology used in nutrition and dietetics practice, research and education. This terminology has gained broad international acceptance and is actively being submitted to SNOMED CT. We will share progress on re-imagining nutrition content in SNOMED CT.

## Audience

Clinical

## Learning Objectives

1. Describe the development of a nutrition terminology used in numerous countries around the world
2. Discuss the challenges and successes of international collaboration.
3. Present the opportunities already envisioned using SNOMED CT as the resource that promotes data sharing across borders.

## Abstract

In the late 1990's the Academy of Nutrition and Dietetics (the Academy) began to investigate whether a standardized language is needed to document nutrition care. Since then, a standardized nutrition terminology has been developed that has been adopted by several countries around the world. The widespread transition to electronic health records has made it apparent that there is a need to have nutrition terminology incorporated into the SNOMED-CT International Edition. The importance of a shared language in order to document the nutrition care of people and populations and to provide data that advances nutrition practice, education, research, and policy is widely accepted. The role of the Academy of Nutrition and Dietetics, and the evolution of international organizations with a vested interest in the language of nutrition care who worked together on advancing nutrition care terminology will be shared. Recently, dietetics associations from Australia, Brazil, Canada, Denmark, Israel, Jordan, Mexico, New Zealand, Norway, Switzerland, Sweden, and the United States requested inclusion of Nutrition Care Process terms into the International Edition of SNOMED-CT. This request was accepted and in July 2018 all nutrition care terms that were in the US edition are now available in the SNOMED-CT International Edition. This renders nutrition care terminology available to all entities using SNOMED-CT. We will discuss the challenges and wins of developing a nutrition terminology for international use via SNOMED-CT. The work has progressed to examine the nutrition content in SNOMED in order to improve and advance the quality and quantity of nutrition content in SNOMED-CT. Over time, nutrition terminology in SNOMED-CT is likely to offer a comprehensive documentation alternative.

## Reference Documentation

1.Swan WI, Vivanti A, Hakel-Smith NA, et al. Nutrition Care Process and Model Update: Toward Realizing People-Centered Care and Outcomes Management. J Acad Nutr Diet. 2017;117:2003-2014.



2.Swan WI, Pertel DG, Hotson B, et al. Nutrition Care Process (NCP) Update Part 2: Developing and Using the NCP Terminology to Demonstrate Efficacy of Nutrition Care and Related Outcomes. J Acad Nutr Diet. 2019;119:840-855.