Title: Searching SNOMED CT

Presenters: Brandon Ulrich, B2i Healthcare and Reymond Wilaisono, MOHHoldings

# Audience

Staff from National Release Centres or Healthcare Institutions who are involved in maintaining a SNOMED CT extension; Vendors providing systems that allow choosing SNOMED CT concepts.

# Objectives

To demonstrate techniques that can improve search relevancy and understand implementation experiences incorporating these features in the Snow Owl tool used by Singapore’s National Release Centre.

# Abstract

This talk discusses search strategies for identifying relevant pre-coordinated SNOMED CT terms. Usability benefits and technical challenges will be discussed based on implementation experience with Singapore’s National Release Centre.

Several implementation and usability decisions will be reviewed, including: the use of contextual information to improve search relevancy; the tradeoff between simplicity and expressivity in the user interface; the value of usage frequency data; global and local bookmarks and histories; using auto-completion and progressive matching in parallel; and experiences with federated search techniques.

# Additional materials

1. B2i Healthcare <http://www.b2international.com/>
2. Snow Owl <http://www.b2international.com/portal/snow-owl>