[3Rin2-44] Construction of a Diagnosis Representation Model of Person with Dementia Based on ConceptNet for Deeper Understanding of Physical and Mental Conditions

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This paper describes construction of a diagnosis representation model of person with dementia based on ConceptNet to understand physical and mental conditions deeper. We constructed diagnosis knowledge of treatable dementia using ontology, as many of it remain tacit knowledge for familiar persons. The result of analyzing learners’ diagnosis shows that our knowledge structure are useful to evaluate diagnosis by learner and represent diagnosis skills. Furthermore, the result suggest that practice of learning environment lead to understanding learning process on the basis of learner's diagnosis knowledge and improving accumulated knowledge structures.