# Summary

Tentative model for review

# Oral Diets

Oral diets are now modeled in the vMR in a separate hierarchy as follows:







This hierarchy may be used for food trays delivered at the patient bedside and for supplemental nutrition orders that consist of food items given to a patient. Note the addition of an attribute called foodType to specify specific food items to include in the diet. A food type can subsequently be modified via the Texture Modification class.

*NOTE: Supplemental nutrition items that consist of products such as a formula or ‘shake’ should be modeled using a SubstanceDispenseOrder/Proposal and/or SubstanceAdministrationOrder/Proposal. These classes support the specification of a nutritional product and can be further constrained using a template.*

# Formula and Nutritional Product Dispense and Administration

Nutrition orders that consist of the dispense and possible administration of a product to a patient should be represented using concepts from the following hierarchies:





For instance,

A nutritional supplement consisting of a shake or formula is modeled using either a SubstanceDispenseProposal/Order or a SubstanceAdministrationProposal/Order or both depending on the use case.

For enteral feeding orders and proposals, one may use either the EnteralFeedingDispenseOrder/Proposal for a formula dispense or the EnteralFeedingProposal/Order for the administration of a formula to a patient.

*Note that these classes should not be used if a nutritional product is not specified. For non-product food order (e.g., a heart non-friendly diet of venison with Bavarian potato dumplings in a nice wine sauce dispensed at my bedside on a lazy Sunday afternoon ), one should use the OralDiet classes (with a comment recommending the hospital’s diet fulfillment system).*

Templates should be defined for these four cases.