

Use of SNOMED CT in the Swedish National Medication List

Daniel Karlsson, Rikard Lövström
National Board of Health and Welfare, Sweden



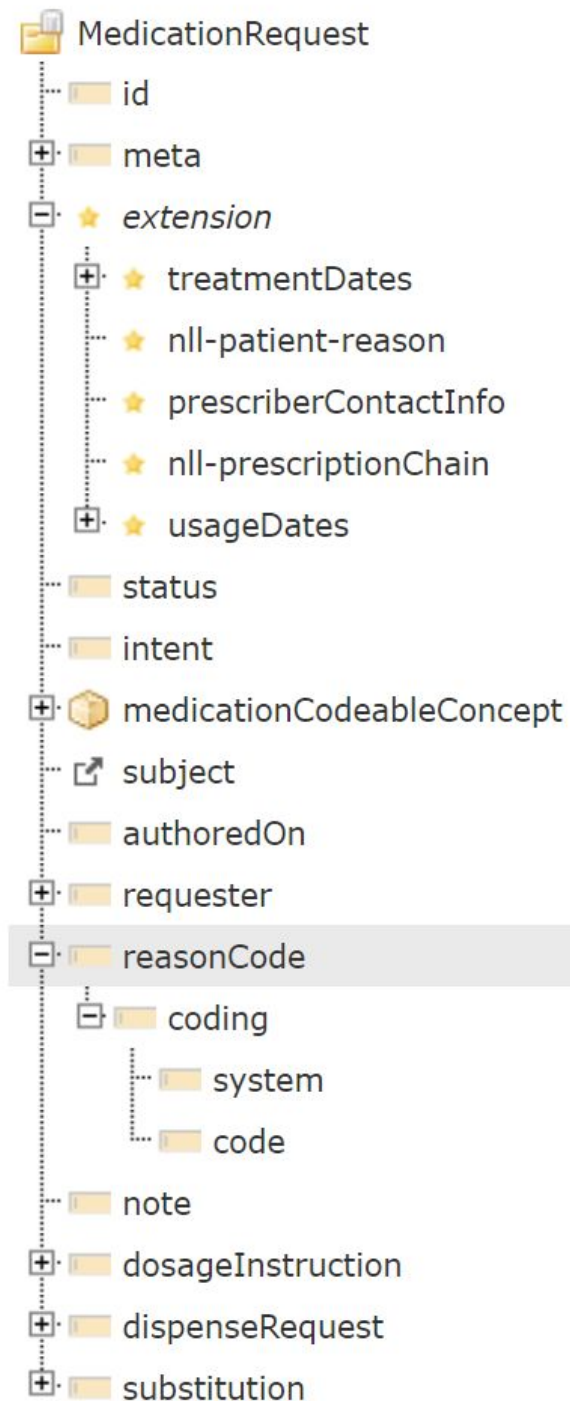


Background

- **One structured** medication list per citizen
- Uses include
 - Patient care
 - Pharmacy systems
 - Billing
 - Follow-up and research
- One repository with multiple clients
 - Typically EHRs

Background

- FHIR is used for communication
- Routine use starts June 1 2020-2022



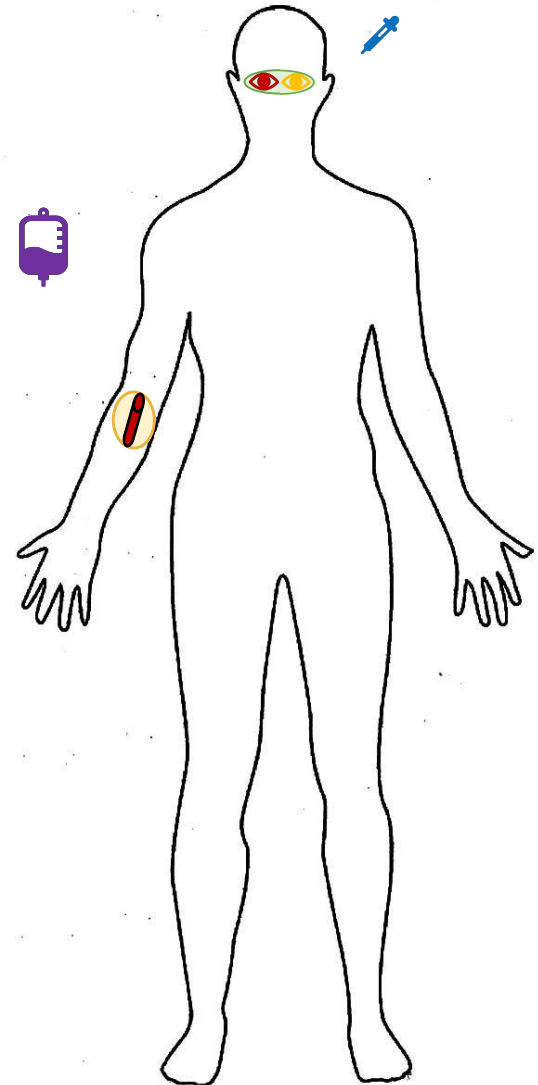
Value sets for the medication list

Medication list act	Standards: IDMP, EDQM, FHIR	Clinical requirements
<ul style="list-style-type: none">• Means of administration• Dose• Reason for treatment• ...	<ul style="list-style-type: none">• Route of administration• Administration method• Administration site	

Means of administration

ocular instillation eye left

intravenous infusion arm right infusion pump

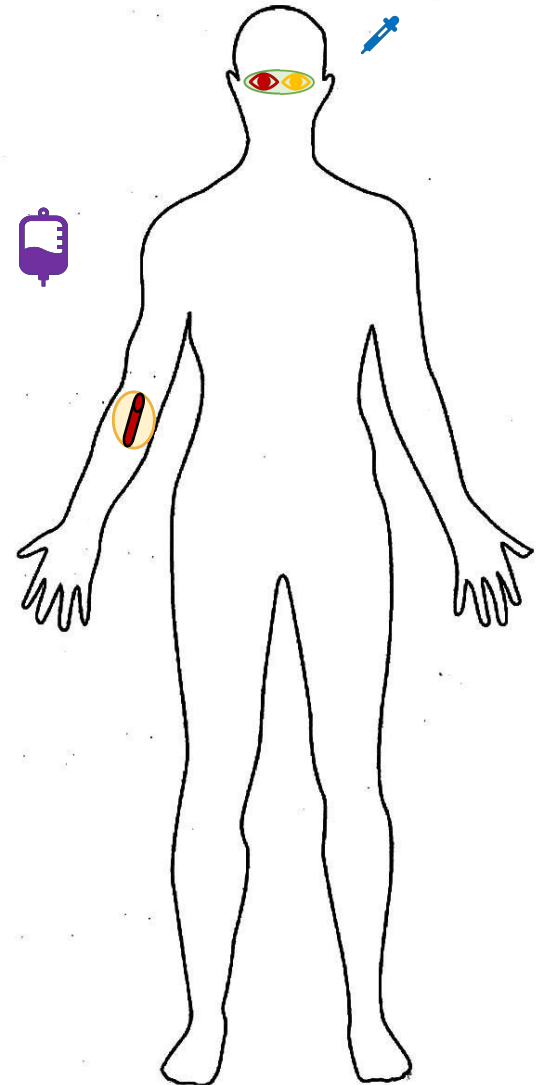


Means of administration

ocular instillation eye left

intravenous infusion arm right infusion pump

route method site specification medical device



Additional information

- Dose unit
- Reason for prescription
 - Existing SNOMED CT subset

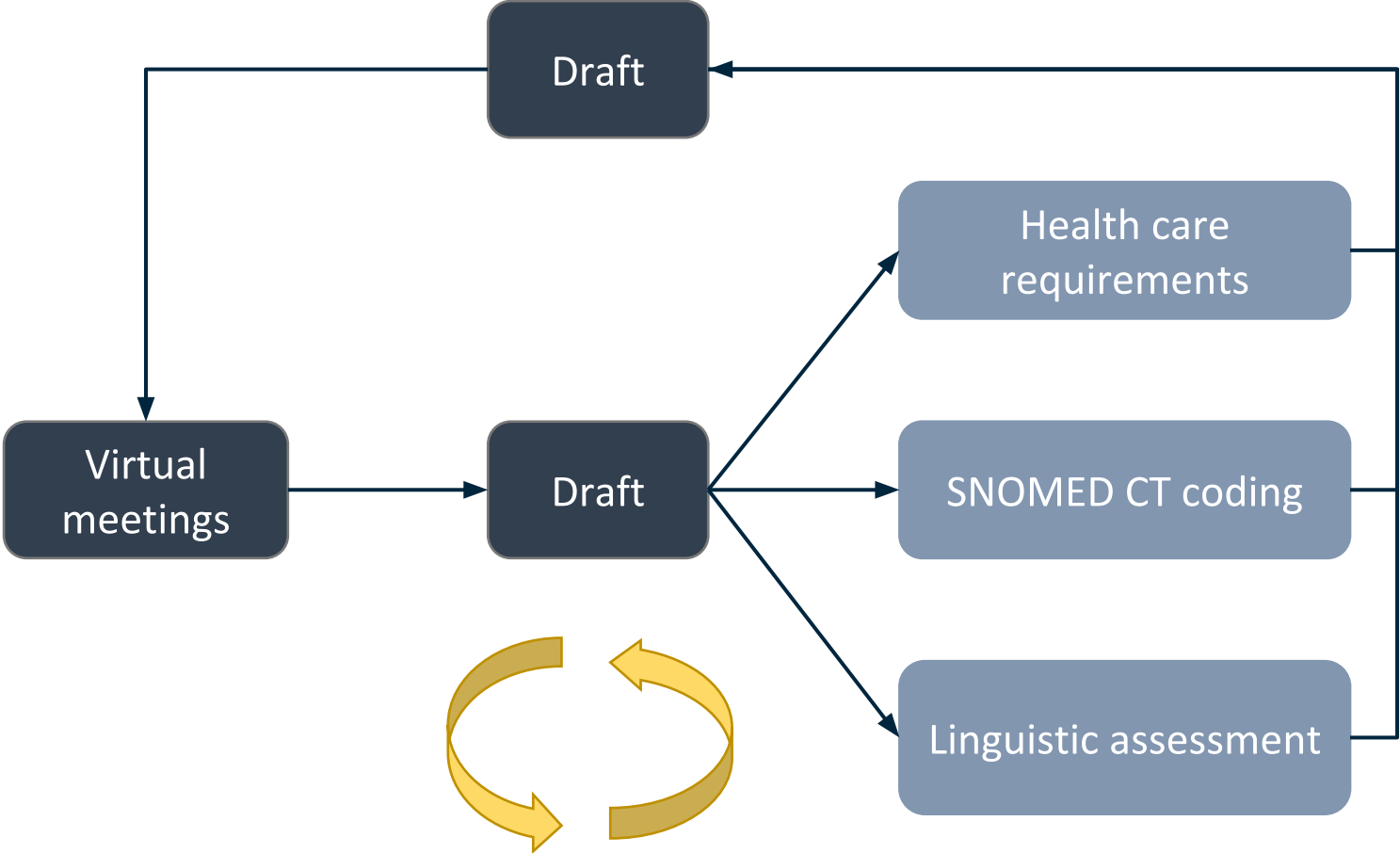
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EDQM and SNOMED CT

- Medicinal product data from EU MPAs will use EDQM
- EDQM has relevant terminology for
 - Route of administration
 - Administration method
 - Intended site
- ...but built for regulatory use (intended or registered use) not clinical use
 - Extension is necessary

Development process



Results

- Mappings from EDQM to SNOMED CT for route of administration
- SNOMED CT was used for 6 value sets
 - Five value sets for means of administration
 - One value set for dose units
- Terms for professionals and patients

Results

	Total concepts	Added	Not in EDQM
Route of administration	73	9	1
Administration method	26	11	10
Medical device	26	2	-
Site	43	0	-
Site specification	12	0	-
Dose unit	58	15	-

Thanks!