

Management of Reference Sets by Healthcare Providers

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Content

- Reference Set Process
- Reference Set Editor
- Experiences
- Export for Vendors and Software Suppliers
- Use Case: Optometricians



Process

- Instruction
- Support by Nictiz
 - Post coordination
 - Additions to National Extension 'core'
- Meetings with Software Suppliers
- Export of Reference Set
- Implementation in systems
- Management of Reference Set



Tooling

 Reference set editor – Makes it possible for Care Providers to manage their own content

SNOMED CT Referentieset's

Algemeen

Actueel ▼

Alcohol myopathy (disorder)

Allergic neuropathy (disorder)

Amyotonia congenita (disorder)

Anoxic neuropathy (disorder)

Atrophic myositis (disorder)

Autonomic facial cephalgia (disorder)

Autonomic neuropathy (disorder)

Anterior interosseous nerve entrapment (disorder)

Antibiotic-induced neuromuscular blocking (disorder)

Arterial thoracic outlet syndrome due to cervical rib (disorder)

Autosomal dominant muscular dystrophy not predominantly limb girdle (disorder)

Anterior interosseous nerve lesion (disorder)

Decor

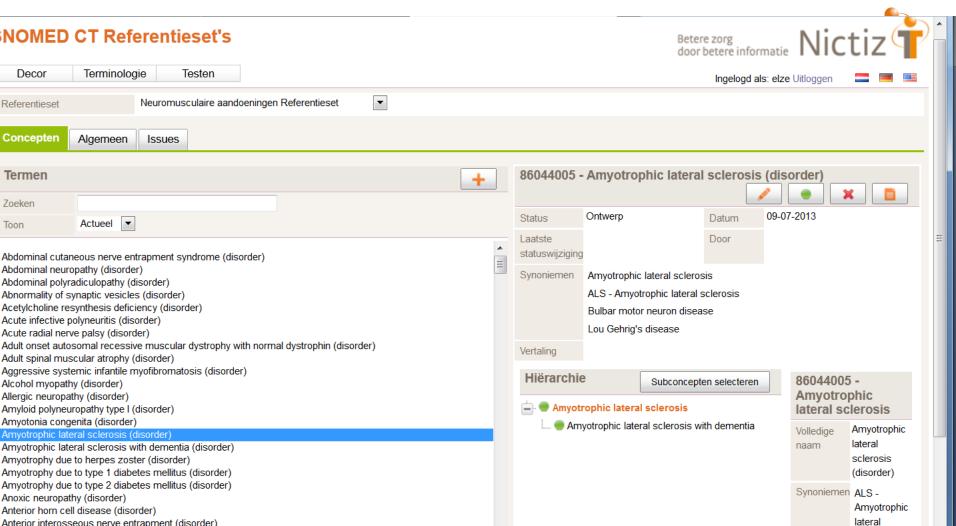
Referentieset

Concepten

Termen

7oeken

Toon



sclerosis

Bulbar

motor

neuron

disease

Lou



Reference set Editor

- Adding concepts
- Removing concepts
- Change concepts
 - Dutch terms
- Discussion (issues)
- Import new SNOMED CT release check for changes
- Open source
- Work in progress
- https://decor.nictiz.nl/art-decor/refsets



Experiences so far

- Simple to use
- Web-based
- Difficulties with hierarchy visualization
- Initial excel, management online
- Guidelines



Guidelines

- Post coordination
- Use of Dutch language
- Translation
 - Based on Translation Guide of IHTSDO

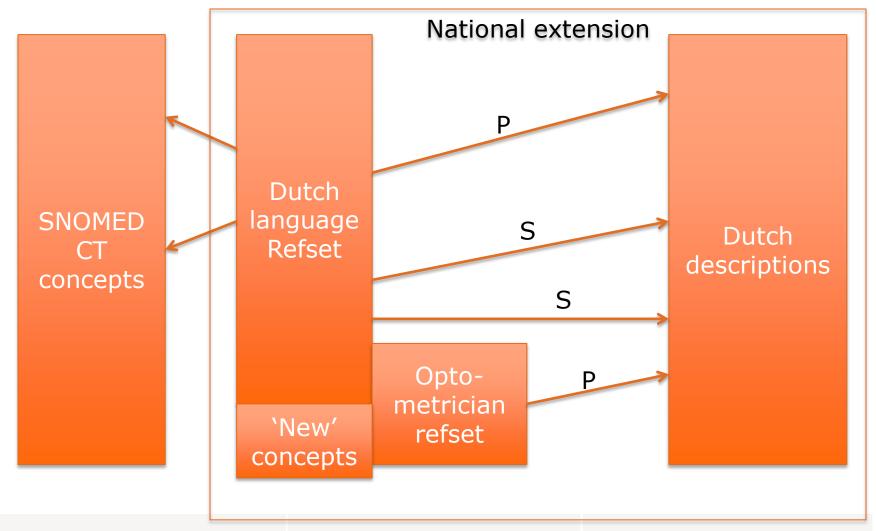


Technical side

- Publication
 - RF-2
 - XML
- How to cope with several Dutch synonyms and prefered terms
 - Dutch description list
 - Dutch language reference set



Dutch terms





Practice: Optometricians

Purposes:

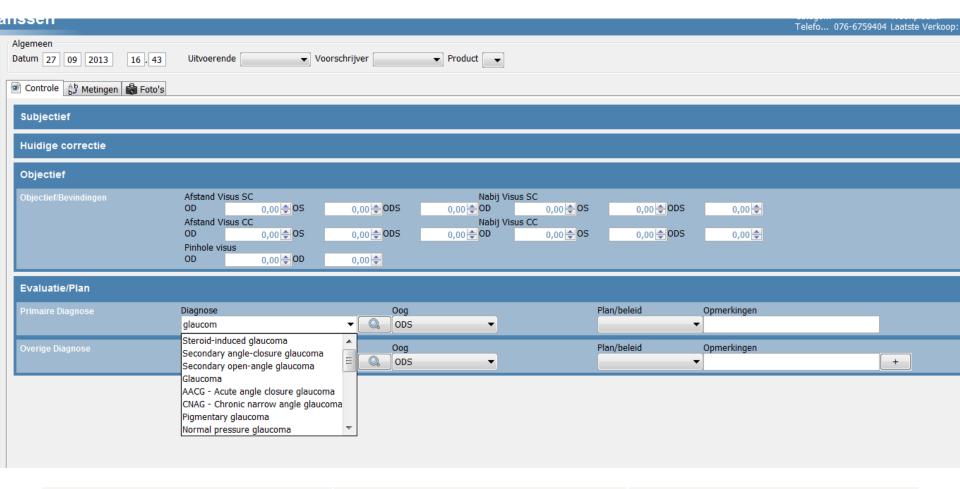
- Clinical Documentation
- Statistics
- Billing

- Dataset what data to document in record
- Clinical Findings (appr 600) and procedures refsets
- Translation



Optometric software

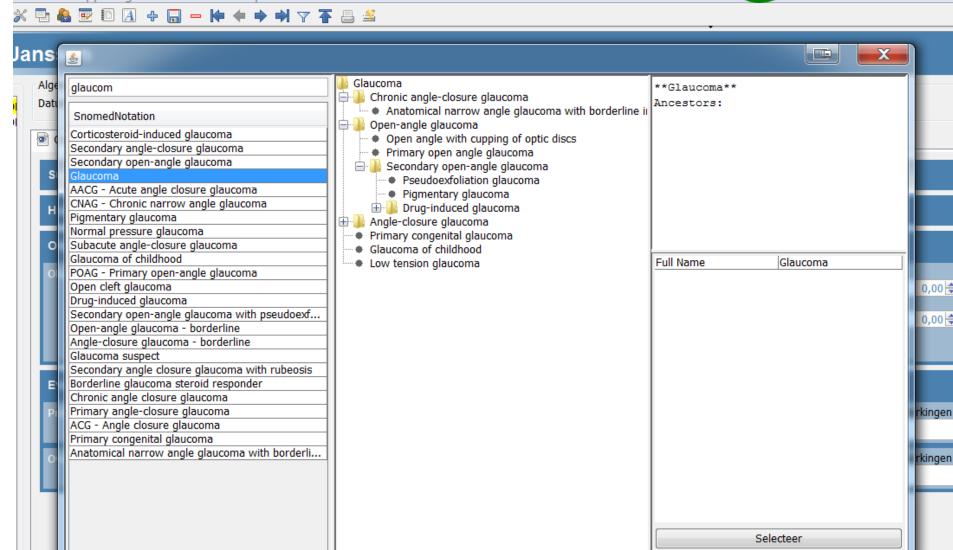






Optometric software

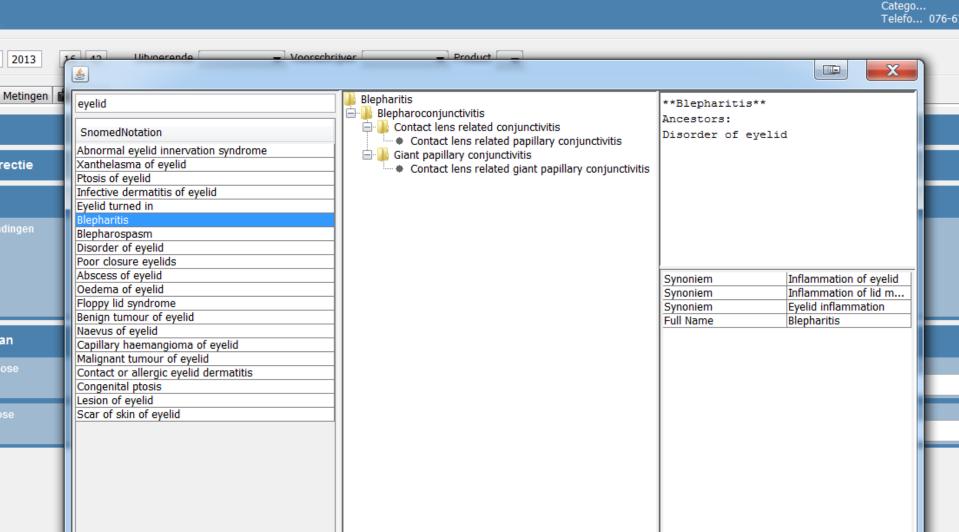






Optometric software







Mission accomplished?

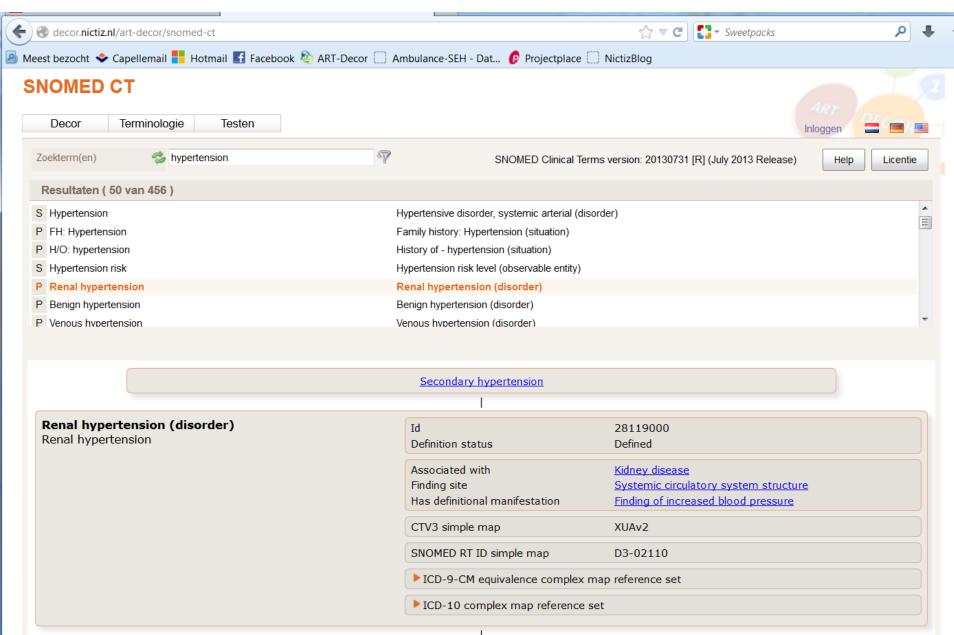
- NO, but a first step is made
 - Terms and hierarchy



Near future

- Hospital clinical findings and procedures
 - SNOMED CT reference set with Dutch prefered term and synonyms
 - Search in Dutch and English
- Mappings with ICD-10NL and billing codes
 - Semi-automatic derivation of ICD-10 and billing codes in systems
- Refset editor is further developed to create mappings to other terminologies

Explore

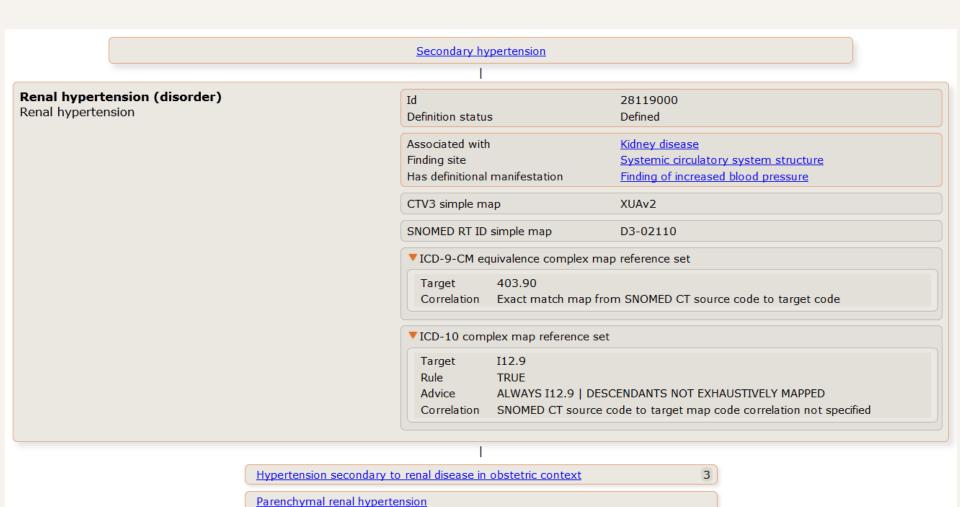




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P Venous hypertension

Venous hypertension (disorder)



Renal sclerosis with hypertension

Renovascular hypertension



Questions?

Reference set editor:

http://decor.nictiz.nl/art-decor/refsets

Snomed Terminology Explorer:

http://decor.nictiz.nl/art-decor/snomed-ct

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Screenshots

SNOMED CT Referentieset's

