

Documentation support in a Danish home care terminology

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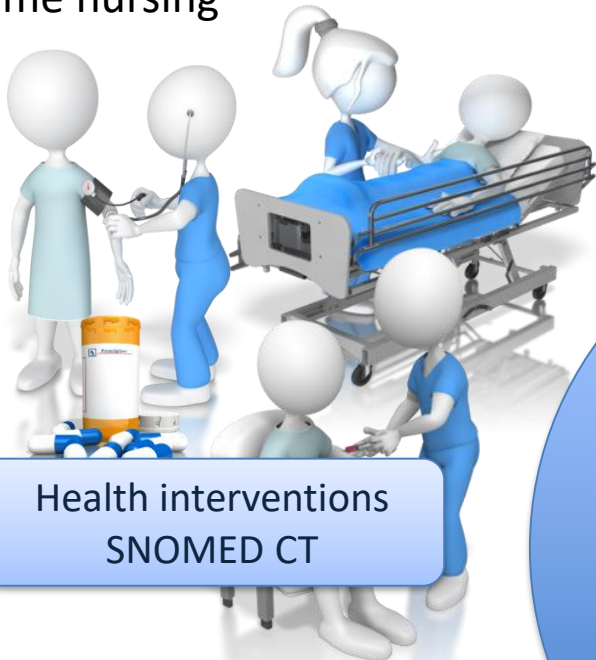
Agenda

- Terminology implementation – when reference sets are not enough
- Terminology artefacts
 - Documentation support rules and their application
 - Reference terminology and its applications
- Future challenges

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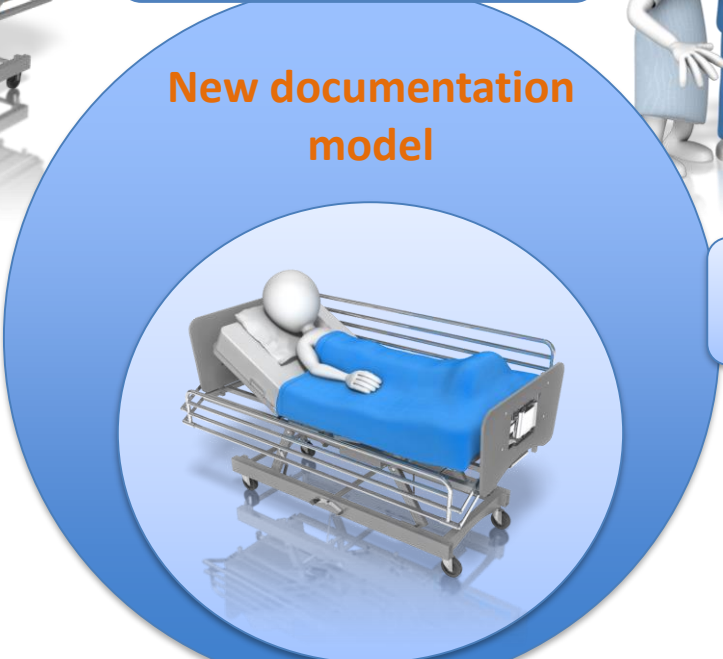
Home nursing



Health interventions
SNOMED CT

Health conditions
SNOMED CT

Personnel efficiency:
Faster coding



Patient centricity: FSIII-
condition?

Home service



Service interventions
Local terminology

Functioning condition
ICF

When reference sets are not enough

Personnel efficiency:
Faster coding

- Provide help and support in the documentation workflow
 - Rules to connect conditions and interventions providing documentation support for home nurses and home service respectively
- Provide overview of all the aspects of citizen care regardless of whom provided the information
 - Using SNOMED CT as a reference terminology to bridge Health conditions expressed as SNOMED CT concepts and Functioning conditions expressed as ICF concepts

Patient centricity: FSIII-
condition?

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Sorting conditions into categories

Home nursing conditions

ADL

Problemer med personlig pleje
Problemer med daglige aktiviteter

Musculoskeletal system

Problemer med mobilitet og bevægelse

Nutrition

Problemer med væskeindtag
Problemer med fødeindtag
Uhensigtsmæssig vægtændring
Problemer med overvægt
Problemer med undervægt

Skin and mucous membrane

Problemer med kirurgisk sår
Problemer med diabetisk sår
Problemer med cancersår
Problemer med tryksår
Problemer med arterielt sår
Problemer med venøst sår
Problemer med blandingssår
Problemer med traumesår
Andre problemer med hud og slimhinder

Communication

Problemer med kommunikation

Psychosocial function

Problemer med socialt samvær
Emotionelle problemer
Problemer med misbrug
Mentale problemer

Respiration and circulation

Respirationsproblemer

Cirkulation

Cirkulationsproblemer

Sexuality

Problemer med seksualitet

Pain and senses

Akutte smerter
Periodevise smerter
Kroniske smerter
Sanseindtryk
Problemer med synssans
Problemer med lugtesans
Problemer med hørelse
Problemer med smagssans
Problemer med følesans

Sleep and rest

Døgnrytmeproblemer
Søvnproblemer

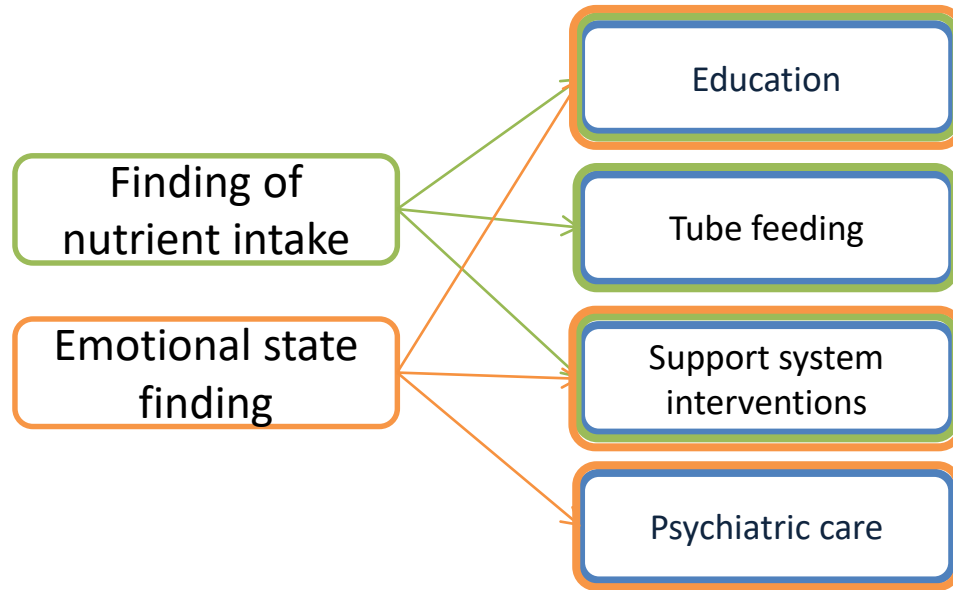
Cognition

Problemer med hukommelse
Problemer med indsigt i behandlingsformål
Problemer med sygdomsindsigt
Kognitive problemer

Elimination pattern

Problemer med vandladning
Problemer med urininkontinens
Problemer med afføringsinkontinens
Problemer med mave og tarm
Problemer med væske fra dræn

Linking conditions and interventions



Workflow support: Nursing status

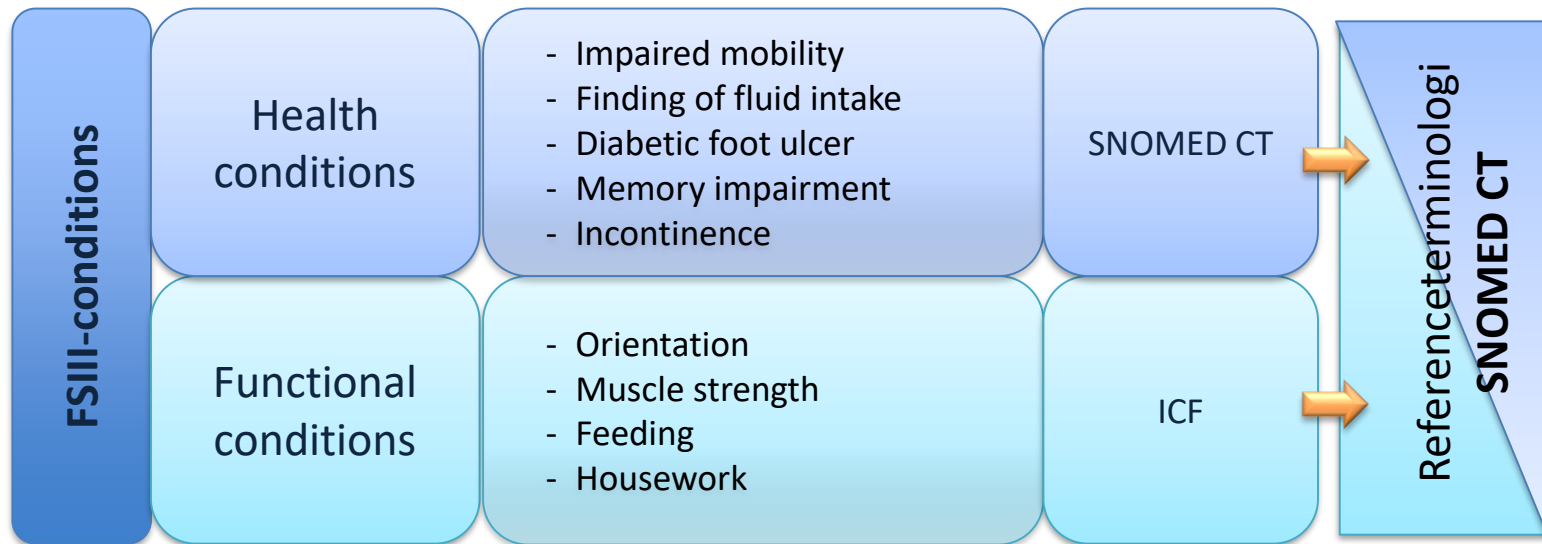


Workflow support: Intervention planning

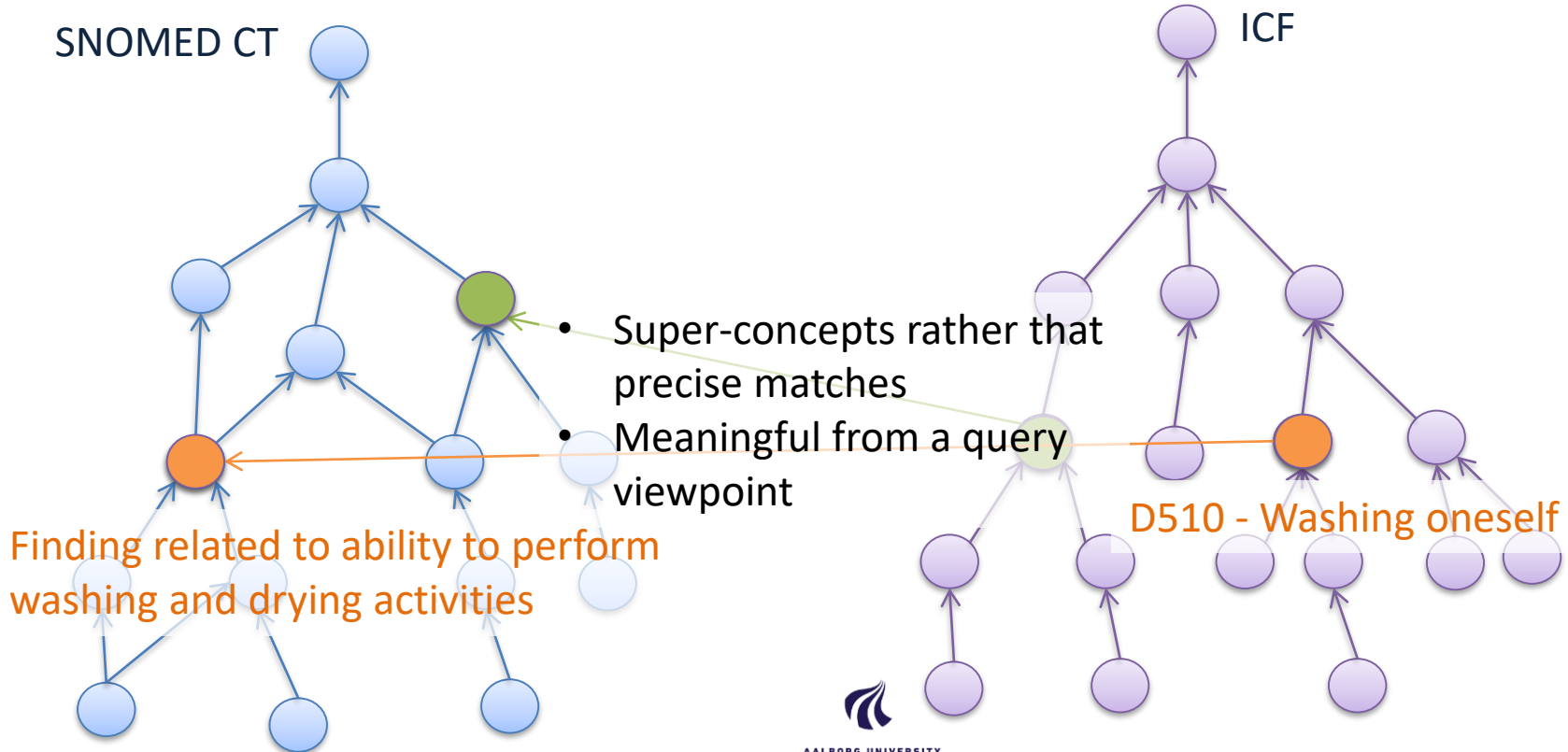


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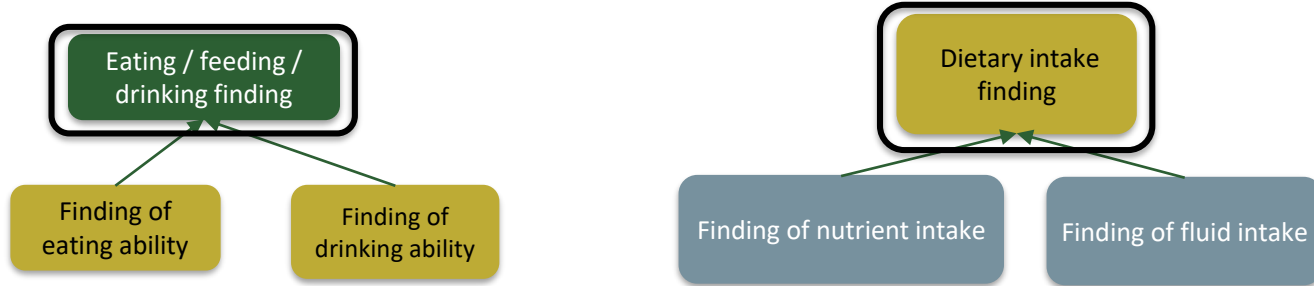
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Pragmatic ICF to SNOMED CT map reference set



Overlap analysis



Implemented as navigation hierarchy

- Vendors do not have to implement SNOMED CT as a whole
- Organize multi-professional content related to home nursing and home services as preferred by each of the groups
- Handle overlap

Nursing status

ADL



Musculoskeletal system

Nutrition

Skin and mucous membrane

Communication

Nursing Status

ADL



Related home service documentation

“Generelle bemærkninger vedr. egenomsorg og praktisk”

Vaske sig

“,jnfnrklqmlmklenefknefnfklw”

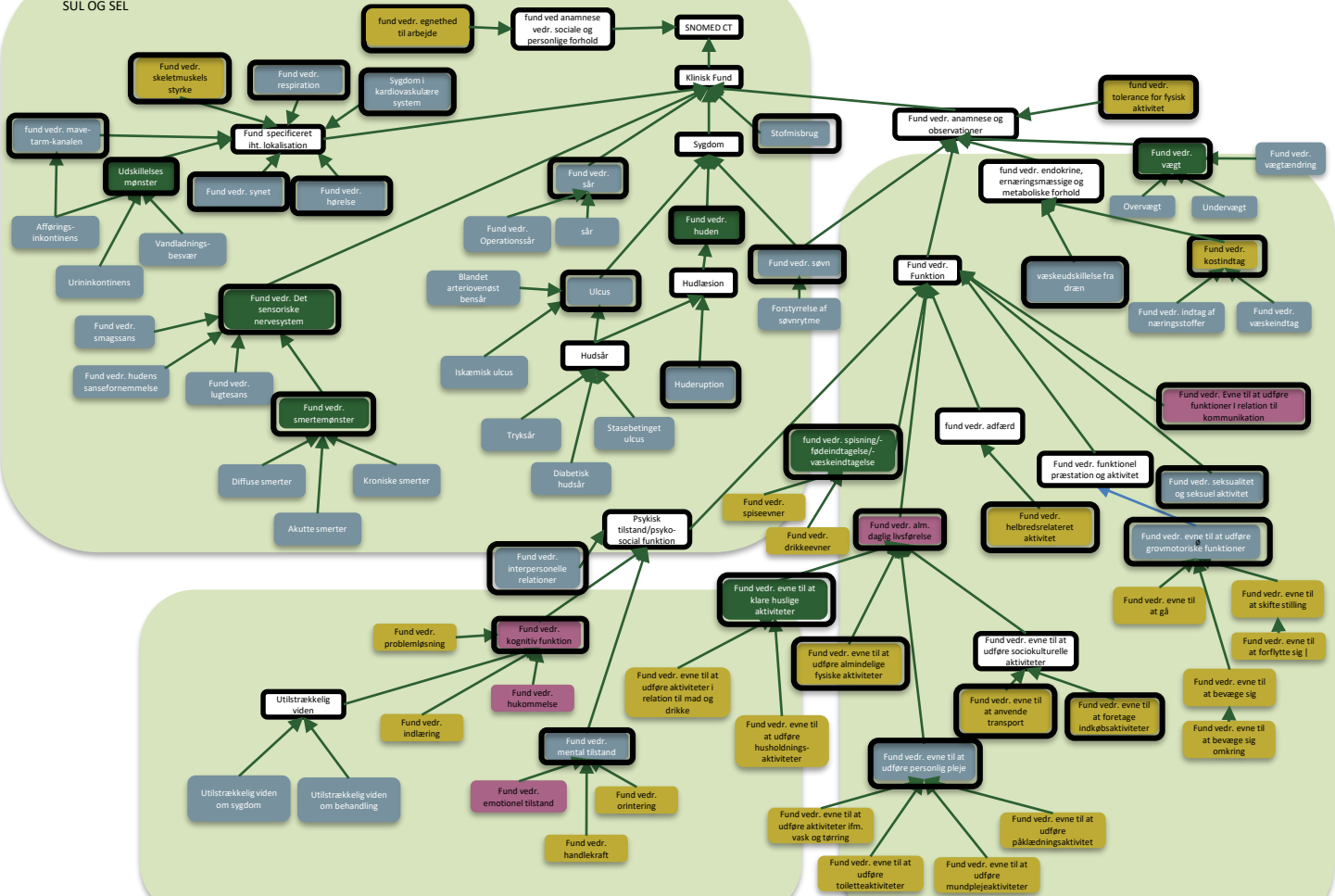
Lave husligt arbejde”

“huefjkekfhuwehfnwekjfnwkbff”

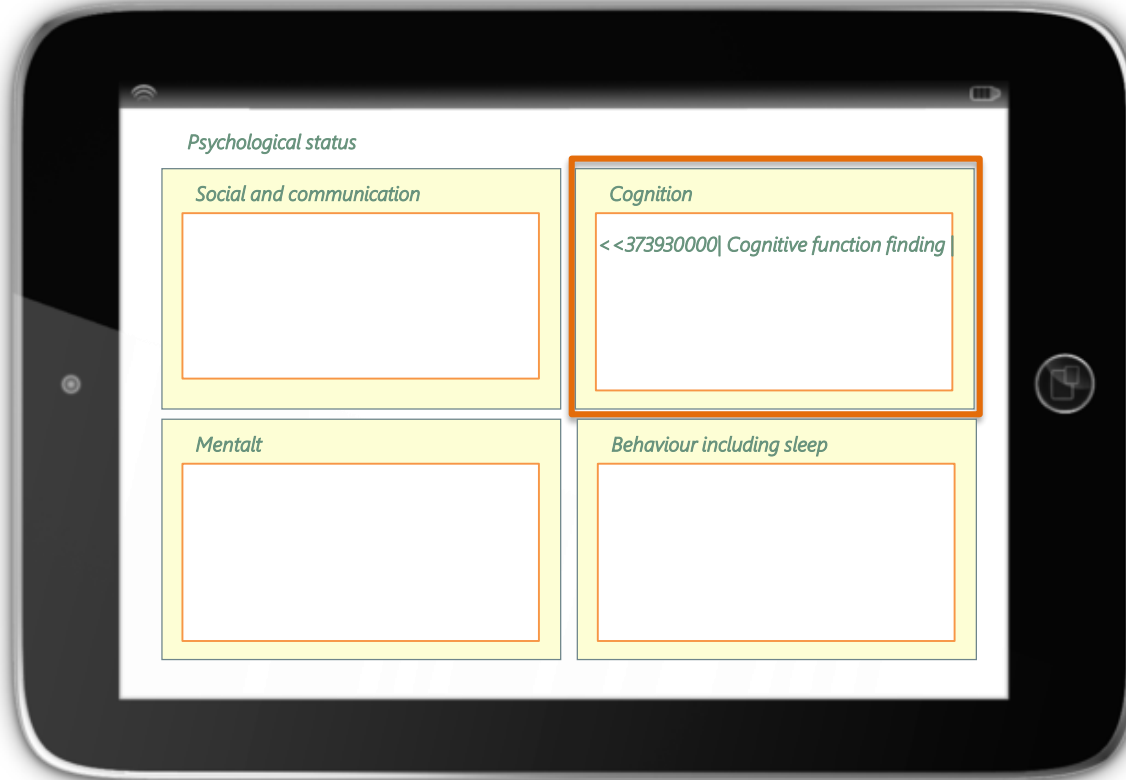
Musculoskeletal system

Nutrition

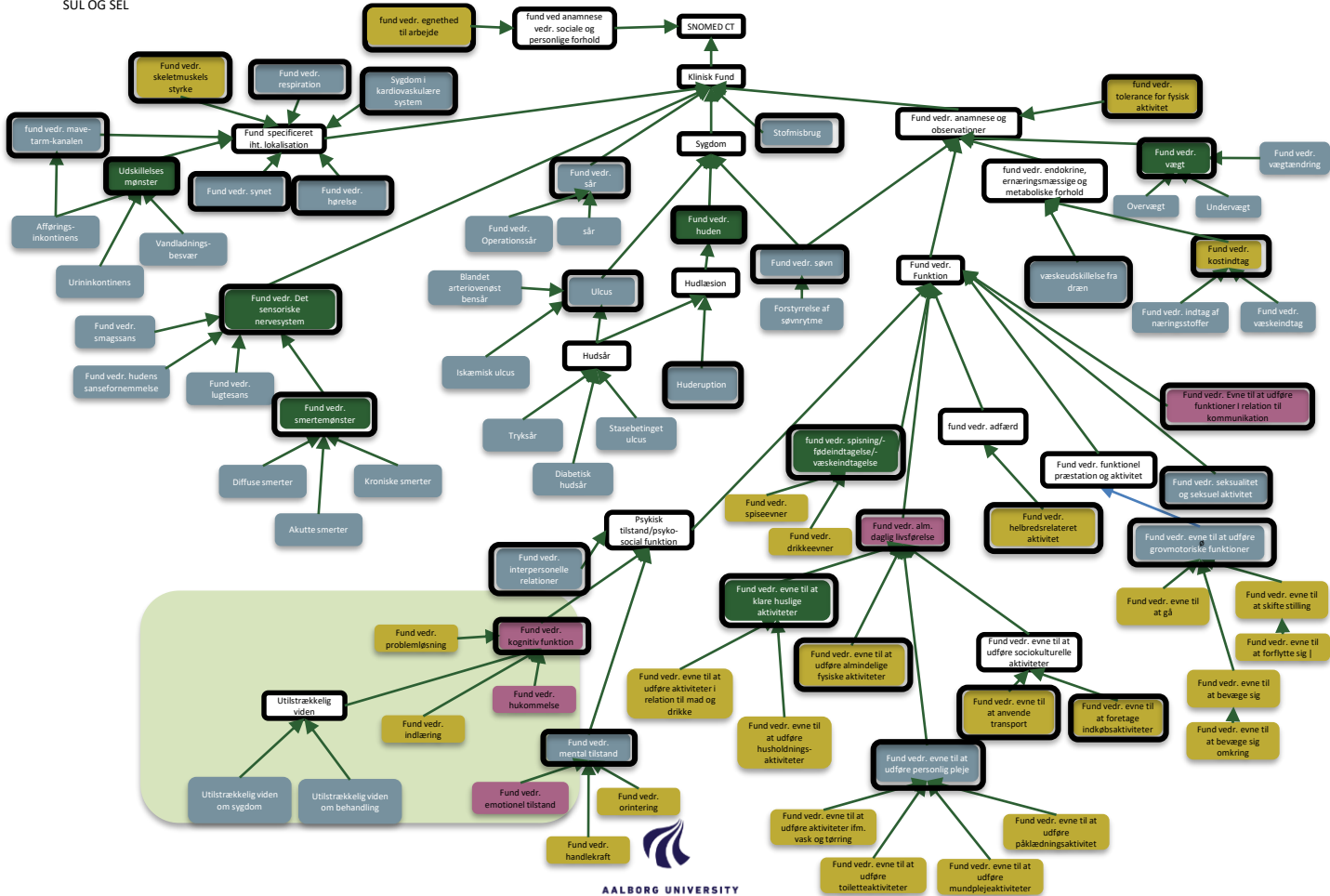
SUL OG SEL



Citizen overview psychological



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Challenges

- How to express and distribute when core terminology artefacts are not SNOMED CT based?
- Will the smart features of the terminology artefacts be honored in implementations?
 - Will we see overviews and queries based on semantics, and will documentation support be implemented as intended?
- Lot of unknowns when other professional groups join FSIII

Why is FSIII important?

- FSIII, as Danish demonstrator
- FSIII, as an example of using SNOMED CT beyond simple refsets