

# INTEROPen 4



[www.Interopen.org](http://www.Interopen.org)

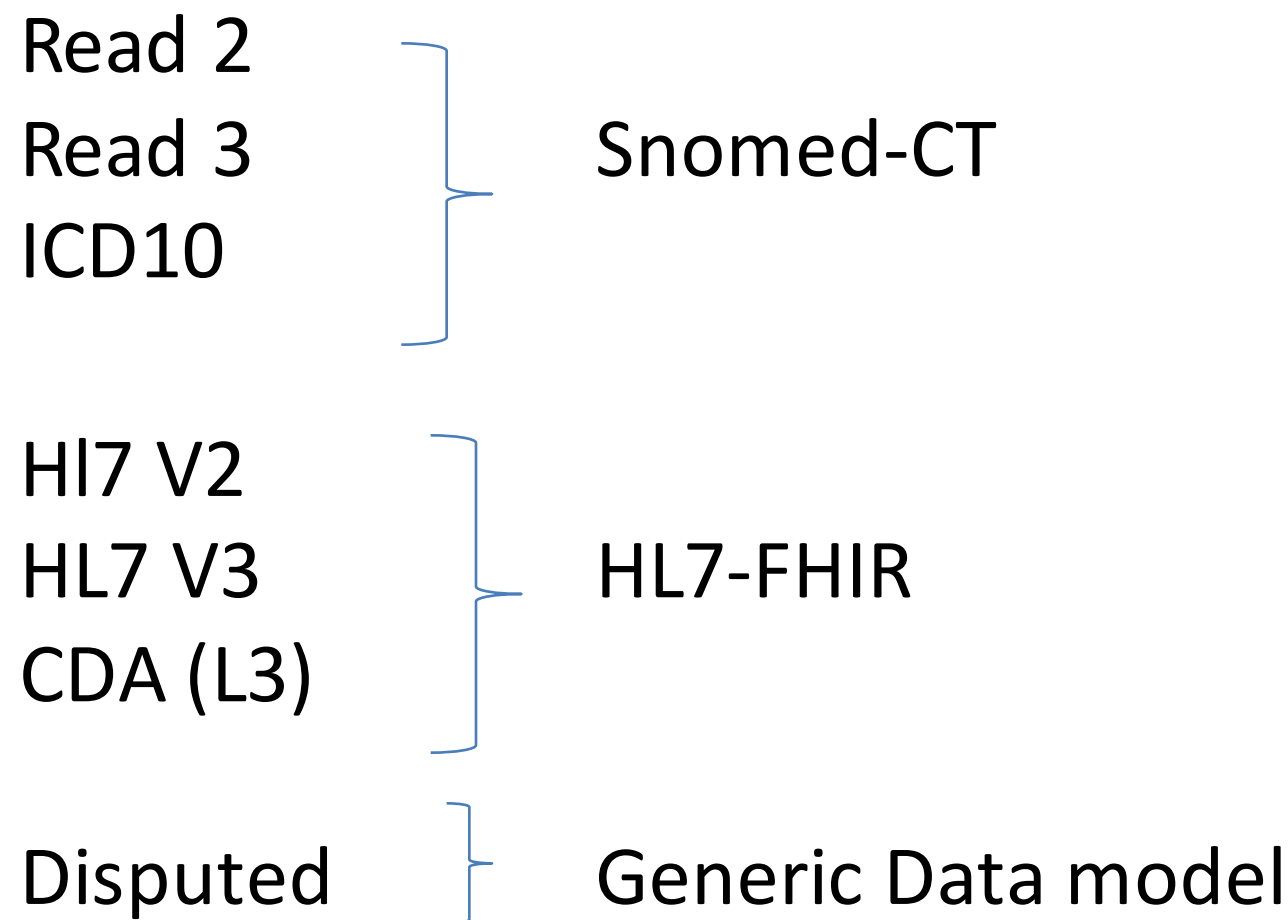


# The Hypotheses

1. The exchange of machine-processable, structured (coded) data between systems and across care settings is essential for improved healthcare
2. A number of use cases require real time request response interactions between systems.
3. For these use cases, the necessary clinical and administrative data can be exchanged reliably and safely using HL7-FHIR profiles adapted for UK use.
4. The same resource profiles can be used for other messaging patterns



# Standards convergence?





# Known unknowns

APIs	\$operations, message headers
APIs	Granular, High level parameterisation, FHIR query
Routing	direct point to point, via hub
Authentication	TLS/MA, Add Oauth 2.0,
Authorisation source	Data sharing agreements, patient consent, User roles
Directory services	National RLS, local RLS



# Testing the hypotheses

1. Profile/ API Proposals from supplier domain specialists curated and put forward for consideration
2. Clinical validation and Data modelling – PRSB
3. Draft Standards candidate -HSCIC
4. Supplier organised Connectathon, based on a cross care setting story, extendable to other care settings