Propositions pertaining to the thesis:
(Stellingen behorende bij het proefschrift)

From Data to Decision
A Knowledge Engineering approach
to individualise cancer therapy

Erik Roelofs, July 8th 2016, Maastricht

Expert systems based on literature and guidelines from clinical trials
have increasingly limited value for individualised medicine.

&

Quantity is not enough; proper data management is essential
for healthcare to adhere to rising quality standards.

&

New healthcare information technology efforts should focus on making
medical data FAIR: Findable, Accessible, Interoperable and Reusable.

&

Knowledge-driven healthcare enables cost-effective application of
limited, expensive resources, as introduced for proton therapy

&

Control theory dictates that optimal healthcare is only reached by feedback
of the true endpoint. The question remains what the definition of *optimal* is.

&

Innovation must coincide with standardisation to prevent
organisations from falling back to suboptimal states of operation.

&

Privacy-preserving sharing of medical data should be rewarded.

&

"Data! Data! Data!" he cried impatiently. "I can't make bricks without clay."
Sherlock Holmes - The Adventure of the Copper Beeches by Sir Arthur Conan Doyle

&

"Knowing is not enough; we must apply. Willing is not enough; we must do."
Johann Wolfgang von Goethe

&

"Quality is remembered long after price is forgotten"
Sir Henry Royce

&

"Wat weerd is da 'j doot; is ok weerd da 'j 't good doot"
Twents gezegde