HU Liver Request – initial comments

1. General Data - Service request:

* I assume the 'Reason for request’ is meant to hold ‘First transplant’, ‘Retransplant <=14 days’, ‘Retransplant >14 days’? If so it might be useful to create value set in template
* I assume the Multimedia slot is for the motivation letter? You can probably constrain more - probably just needs the Multimedia resource and maybe a title?
* Protocol - do you need all the data points or can they be constrained out?

1. Treatment

* Respiratory support and Sedation - set default therapy names for those two as well

1. Blood Products

* not sure about cumulative dose? Episode dose may be more appropriate
* we are going to create a new set of archetypes for blood transfusions, would you want to kick those off? They’d probably be quite similar to medication archetypes for now, but might diverge in the future

1. Medical support

* not sure about cumulative dose? Episode dose instead?
* constrain more

1. Diagnostic report

* constrain more?
* if test results could have different dates, model as separate lab test observations rather than single observation with all the panels

1. Cause organ failure / related problems and Urgency criteria sections (Pages 2 and 3 of form)

* I would model this differently:
* Individual problem/diagnosis archetype with default diagnosis for each of the causes and also encephalopathy (no real benefit in specialising)
* all the checklists / criteria should be clusters instead of observations and be plugged into the specific details slot in the problem/diagnosis
* create a cluster for encephalopathy grade as well
* we can turn your observations into clusters - needs ADL hack 😃
* Reason for doing it this way is that we use basic problem/diagnosis for everything - more easily maintainable if other diagnoses might become relevant, also clusters are more easily re-usable (e.g. Kings College and Clichy used twice).

1. MELD Score:

* doesn’t need date / time - we can get this from reference model
* doesn’t need runtime constraint
* if it’s always an integer, use count rather quantity