CT Registration Scoring Rubric

Goals:

1. Quality check on registrations
2. Identify common problems with registration that could be improved in future

Graders:

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Things to look for:

* Is blood within a reasonability location on the registered image? - This is a good first pass, but this
* Is clot inside brain? - Good
* Does clot have a similar shape to unregistered image? - how are you to gauge this?
  + **Similar – bigger/smaller**
* Is the clot in the correct general location
  + Correct anatomic location (i.e. lobar vs. putamen vs. thalamus)
  + Correct side of head (right vs. left)
    - **High penalty for this**
* Was the relationship of the clot to the ventricular system maintained in the registration?
  + Too close to ventricles?
  + Too far from ventricles?
  + Overlapping into ventricles?
  + IVH and ICH in correct respective brain compartments
* Has the brain been cut off or otherwise warped in some way post-registration?
  + Are we saying brain or clot?

Scoring System:

Rate each registration on scale of 0-100 (0=worst, 100=best) based on above metrics.

- Are you saying 0 is bad or the “worst”? I think each scan should be read irrespective of other scans

Each grader will examine images in different and random order. - Done

A subset of images will be shown to each grader twice. ***(Will this be the same group of patients for all 3 graders?)***

***- Yes***