**Plan for experimental method.**

1. Clear set out plan with goals and methods systematically follows from the background research.

(Goal to produce a better MRI image than conventional method (SPARSE-MRI) using existing image processing techniques and previous information from similar reference images.

And the addition of weighting factors which affect the image quality, in example. Explain the different types of scans which are very similar hence can use the prior information.

Image registration to help with better image quality (Sources?) need to find prior source.

e.g. t1/t2 images, dynamic imaging, angiography images.

Methodology.

Talk about existing methods

Minimize

Such that:

Different weighting factors in reference to edge information from reference image.

Add the previous image information using image registration.

Optimization method of image registration.

1. Proposed method

Flowchart from PowerPoint

Steps description.

1. Execution (methodology)

(tested with series of images)

(random phase encoding)

(PSNR and ssim explanation)

1. Results PSNR and ssim values
2. comparison compared to conventional method (multiple types of images t1 and t2 (brain, legs), different brain images, angiography)
3. Discussion
4. Conclusions