































## CONCLUSION

- Although resolution recovery requires longer calculation time when compared to reconstruction without PSF correction, it allows to obtain improved image quality;
- OSSPS requires further investigation to understand current implementation;
- In terms of image resolution, the best recovery is achieved for data acquired with MEGP collimator;
- $\bullet \mbox{In terms of SNR, using short scan time and resolution recovery seems to offer a good compromise;$
- $\blacksquare$  Further image quality improvement seem to be obtained with 3D PSF modelling at the cost of a longer computational time.

It is possible to start obtaining results with SPECT STIR reconstruction within 10 weeks

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