Alzheimer’s disease, neurodegenerative process, manifests as episodic memory loss and working memory impairment. Oxytocin affects dopamine and GABA releasing-modifier transmitters in working memory in prefrontal cortex, the center of working memory. Diffusion Tensor Imaging (DTI) is an MRI analyze method which can be used for tractography. We suggest that intranasal Oxytocin administration might improve working memory function which can be determined by tractography with DTI in these patients.


