

25th World Congress on

Neurology & Neuroscience

June 18-19, 2018 | Dublin, Ireland

Structural and functional MRI correlates of post stroke depression

Wai Kwong Tang^{1,2} and Y Liang¹

¹Chinese University of Hong Kong, Honk Kong

²CUHK Shenzhen Research Institute, China

Many stroke survivors suffer from depression. Post stroke depression (PSD) adversely effects on the recovery and rehabilitation of stroke survivors. The frequency of PSD remained high in both acute and chronic stroke patients. Possible structural correlates of PSD include cerebral micro bleeds, lacunar infarcts, and white matter changes. Functional changes in several brain networks, such as the default mode network and the affective network have been reported in PSD. Latest findings on the link between structural and functional brain changes and PSD will be discussed.

tangwk@cuhk.edu.hk