

## Neurotechnology as a brain function enhancer in the military forces

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### Abstract

Brain function including decision making, learning and memory are affected by the environmental factors such as stress. In the recent years progressive development for enhancement of these functions is achieved by mixing several technologies with neuroscience. Electromagnetic devices which can rearrange the neuronal function, imaging technologies which help the professionals to acquire more finest images from the all parts of the brain, and developed electroencephalography methods which helps to better insights to the brain function, fMRI and PET scan methods which helps for understanding the site of action of a drug or the center for the desired work, all are the examples of the neurotechnology. Since the military forces are among the subjects which are voluntary to a broad range of stressors, these methods are more needed in these forces for better diagnosis and treatment. We suggest that neurotechnology must be considered as a useful tool for this purpose.

**Key Words:** Neurotechnology; Brain; Military Forces