



書名 Bioethics and the brain  
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### 內容摘要：

Our ability to map and intervene in the structure of the human brain is proceeding at a very quick rate. Advances in psychiatry, neurology, and neurosurgery have given us fresh insights into the neurobiological basis of human thought and behavior. Technologies like MRI and PET scans can detect early signs of psychiatric disorders before they manifest symptoms. Electrical and magnetic stimulation of the brain can non-invasively relieve symptoms of obsessive-compulsive disorder, depression and other conditions resistant to treatment, while implanting neuro-electrodes can help patients with Parkinsons and other motor control-related diseases. New drugs can help regenerate neuronal connections otherwise disrupted by schizophrenia and similar diseases.