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<Eligibility criteria for patients with paralysis in the upper limbs resulting from cerebral stroke for treatment with NEURO® at The Jikei University School of Medicine from 2018>

Although NEURO® is effective for treating imbalances in brain function, unfortunately, at this point it is not effective in all patients with cerebral stroke. Therefore, NEURO® can only be conducted in patients who fulfill all of the criteria described below. Moreover, the treating physician will decide whether NEURO® can be conducted.

- (1) The patient is at least 16 years old.
- (2) The patient does not suffer from dementia or a serious mental condition.
- (3) The patient does not undergo dialysis.
- (4) The patient does not have metal (clips) inside his/her skull and no implanted cardiac pacemaker (might be possible in the case of MRI-compatible clips, if the permission of the doctor who performed the surgery is obtained).
- (5) The patient does not have a history of seizures for at least one year. However, it does not matter if the patient takes an anti-seizure drug (if no abnormalities are observed, such as the induction of seizures during electroencephalographic examination).
- (6) The patient has a favorable general status (no fever, malnutrition, serious heart disease, or loss of physical strength).
- (7) The patient manages his/her daily life (does not require assistance in his/her daily life, for example, can move to a different location independently).
- (8) The degree of paralysis in the upper limbs resulting from cerebral stroke should be such that the patient can hold his/her hand at least as high as his/her shoulder, and can contract his/her fingers without bending his/her wrist. The patient can move and bend at least three fingers, namely, the thumb, index finger and middle finger (the greatest improvement is observed in patients with approximately this degree of light to moderate paralysis).