

Appendix (related to Article 2-2) Target for Case Experiences

(1) Experiences on Disease Management

Regarding the following diseases, applicants shall have actual experience in the management of an in-patient as a primary physician or an attending physician (physician in charge of a patient) for at least the described number of cases and be trained/supervised by a training physician.

Brain tumor	30 cases	Of these, management of benign brain tumor Of these, management including radiation therapy/chemotherapy of malignant brain tumor	10 cases 10 cases
Cerebrovascular disorder	40 cases	Of these, conservative management or pre/postoperative management of ischemic cerebrovascular disorder (including endovascular treatment) Of these, conservative management or pre/postoperative management of a patient with intracerebral hemorrhage Of these, conservative management or pre/postoperative management of a patient with subarachnoid hemorrhage (including endovascular treatment)	10 cases 10 cases 10 cases
Trauma	20 cases	conservative management or pre/postoperative management of a patient with head injury	20 cases
Spine/spinal cord	10 cases	Examination, conservative management, or pre/postoperative management for spine/spinal cord disease	10 cases
Pediatric	5 cases	Examination, conservative management, or pre/postoperative management for neurosurgical disease of a pediatric patient aged 15 years or younger	5 cases
Function	5 cases	Examination, conservative management, or pre/postoperative management for diseases including epilepsy, involuntary movement, or MVD	5 cases
Other (may be overlapped with the above cases)	10 cases	Management of a patient in the terminal phase of the disease Management of a patient on rehabilitation	5 cases 5 cases

(2) Experience on Basic Surgical Procedure (overlapping with cases of 1 is allowed)

Trepanation or ventricular drainage	10 cases as an operator
Shunt surgery	10 cases as an operator
Opening/closing of the head	10 cases as an operator, 30 cases as an assistant
Laminectomy or laminoplasty	3 cases as an operator or assistant
Microscopic procedure (overlapping with the above opening/closing of the head is allowed) (e.g., arachnoid incision, tumor, vascular exposure, hematoma evacuation, drilling, anastomotic operation)	5 cases as an operator, 35 cases as an assistant (40 cases)

(3) Individual Surgical Experience (overlapping with cases of 1 is allowed)

1. Experience as an operator or assistant	
Surgery of brain tumor	20 cases
Surgery of cerebral aneurysm /AVM	10 cases
Intracerebral hematoma evacuation	5 cases (Either craniotomy or endoscope is acceptable.)
Intracranial/extracranial bypass surgery /CEA	5 cases
Craniotomy for head injury	5 cases (other than chronic subdural hematoma)
2. Experience as an operator, assistant, or spectator	
Surgery of spine/spinal cord	5 cases (*)
Surgery in a pediatric patient aged 15 years or younger	3 cases (*)
Surgery of functional system other than microvascular decompression (MVD)	3 cases (*)
Embolization for cerebral aneurysm	3 cases (*)
Stenting for the carotid artery in the neck	3 cases (*)
Endoscopic surgery	3 cases (*)

* An attendance in a seminar certified by an academic society can be counted as an experience of one case (such a case is allowed up to twice for each item), but an actual experience is preferable.