
International Session IS-10 : Involuntary Movement (Telemedicine)

Chairs: Ryuji Kaji Tokushima University Hospital
Nobutaka Hattori Department of Neurology, Juntendo University

5月23日(金) 15:30~17:10 第11会場(福岡国際会議場 5階 501)

IS-10-3

Case presentation at telemedicine



Department of Neurology, Tokushima University

○Ryuji Kaji

Case) 14 year-old boy

Chief complaint: Involuntary movement and abnormal posture

Present illness : He showed delayed psychomotor development. At age 5, he began to show muscle stiffness in his lower limbs and foot inversion. At age 12, he showed truncal flexion and muscle stiffness in his upper limbs.

Family history : His older brother has a similar symptom.

General examination: Not significant

Neurological examination: Severe intellectual disability. Increased deep tendon reflexes in the lower legs

Video presentation:

Segment 1: He shows truncal and neck flexion to the left. Although he can maintain his sitting position in the wheelchair by using "sensory trick," he falls forward with involuntary extension of right leg when he tries to raise his left hand. He tends to clench his fists firmly, elevate left shoulder, and flex left elbow and wrist.

Segment 2: He can raise himself on his elbows on the bed, however, he can maintain his sitting position only several seconds and falls right ward.

Segment 3: He shows paroxysmal extension of his knee and inversion of his foot.

Points of discussion:

We would like to discuss the phenomenology of the abnormal movements, possible etiologies, and diagnosis.

After discussion, we will show brain MRI, the results of genetic analysis, and the final diagnosis.

《略歴》

Current Position: Professor and Chairman, Department of Neurology, University of Tokushima Graduate School of Medicine, JAPAN

Education:
1979 Graduated from Kyoto University School of Medicine (M.D.)
Residency in Neurology and Medicine at Tokyo Metropolitan Geriatric Hospital
1981-85 PhD course in Medical Science (1985, PhD degree)
1985-86 Post-doctoral fellow in Department of Neurology, Hospital of the University of Pennsylvania

Positions:
1986-87 Visiting Professor of Neurology at the Hospital of the University of Pennsylvania
1987-88 Assistant Professor of Neurology at the Louisiana State University Medical Center
1989-91 Assistant, Department of Neurology, Kyoto University School of Medicine
1991-2000 Lecturer, Department of Neurology, Kyoto University Graduate School of Medicine
2000- Current Position

Academic Societies

Japanese Society for Neurology, Executive Board Committee Member
Japanese Society of Clinical Neurophysiology, Executive Board Committee Member

Member-at-large, International Federation of Clinical Neurophysiology (IFCN) Executive Committee (2000~06)

Trustee, World Federation of Neurology (2007~2013)

A corresponding member, American Neurological Association
A clinical associate member, American Academy of Neurology

Movement Disorder Society (Member of Financial Committee, International Executive Committee)