A right-handed 37-year-old woman presented with right hemiparesis predominantly affecting the lower limb. MRI revealed the left anterior cerebral artery territory infarction (Picture 1). After complete recovery from the hemiparesis, she noticed that she would forget where her right arm was after drawing a curtain and when she moved away from the bed she had left her right leg on it. She habitually laid her right arm on her chest. Line cancellation, flower drawing, and line bisection tests were normal. These symptoms indicated motor neglect (1, 2). She showed micrographia with her right hand (Picture 2A, C), not with her left hand (Picture 2B, D). There was no parkinsonism. Motor neglect is an underutilization of one side and presents lack of spontaneous “placing reaction”, insufficient reaction to assume correct posture, lack of automatic withdrawal reaction to painful stimulation, and hypometria. Her micrographia could have resulted from hypometria in line drawing.

The authors state that they have no Conflict of Interest (COI).

References

Department of Neurology, National Hospital Organization Shiga Hospital, Japan and Division of Neurology, Department of Internal Medicine, Shiga University of Medical Science, Japan
Received for publication December 2, 2010; Accepted for publication January 6, 2011
Correspondence to Dr. Kengo Maeda, maeda-kengo@shiga-hosp.jp
© 2011 The Japanese Society of Internal Medicine Journal Website: http://www.naika.or.jp/imindex.html