A 61-year-old, right-handed woman noticed progressive weakness of pinching and numbness of the right hand. Although she was previously diagnosed and treated as non-Hodgkin lymphoma, gallium-67 scintigraphy did not show
any recurrence (Picture A). Conventional median F-wave recording did not elicit any response of the right thenar muscle at all (Picture B). Three months after the onset, the patient was referred to our hospital. Gallium scintigraphy clearly demonstrated the right plexus involvement at this stage (Picture C), F-wave was not evoked as well (Picture D). Biopsy of the plexus consequently disclosed B-cell lymphoma. At times, the diagnosis of neurolymphomatosis is difficult (1). In the present patient, FDG-PET was not available, but it might be useful for early diagnosis of this condition (2). The functional correlation between neurophysiological and FDG-PET will be another question for the early diagnosis of neurolymphomatosis like this case.

References
