

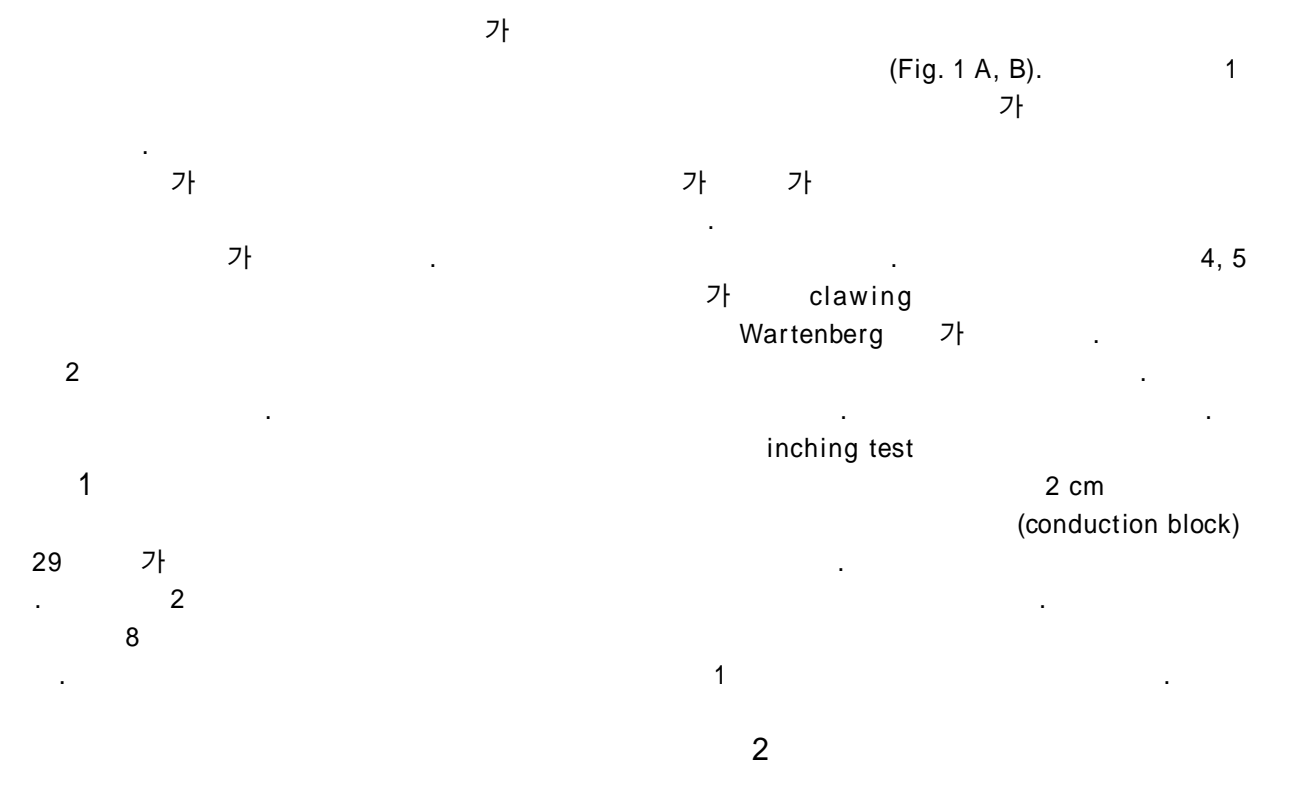
## Teleconsultation Neuropathy

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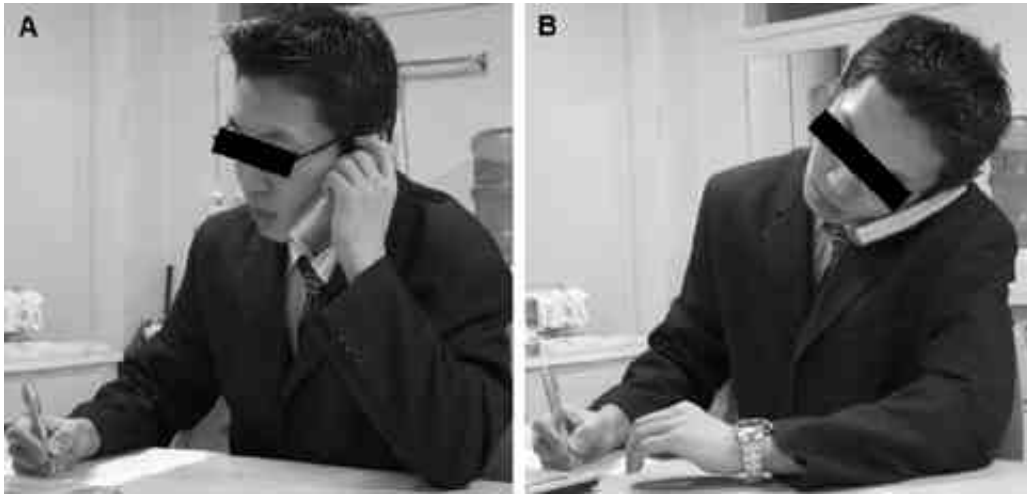
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Two cases of bilateral ulnar neuropathies caused by telephone overuse are described in people engaged in the job of longtime telephone use. They had worked using telephone all through the working hours. Although they were right handed, they usually used the telephone in their left hand so as to leave their right hand free for writing, and would lean his elbow on the desk. Telesales or teleconsultation is a rapidly expanding field of business. These cases highlights the need of proper training and supplies appropriate to do their job.

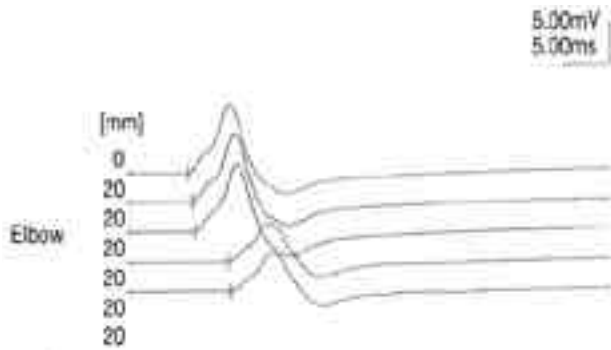
**Key Words:** Teleconsultation, Neuropathy, Ulnar Nerve



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**Figure 1.** Usual posture of patients during speaking with their customers by telephone. They usually used the telephone in his left hand so as to leave his right hand free for writing, and would lean his elbow on the desk (A, B).



**Figure 2.** Ulnar inching test around elbow in patient 2 shows partial conduction block between medial epicondyle and proximal 2 cm from medial epicondyle.

가  
hypothenar  
inching test  
2 cm  
(conduction block)  
1  
Figure  
inching

## REFERENCES

1. Bradshaw DY, Shefner JM. Ulnar neuropathy at the elbow. *Neurol Clin* 1999;17:447-461, v-vi.
2. Wertsch JJ. Pincer palsy. *N Engl J Med* 1985;312:1645.
3. Jones HR, Jr. Pizza cutter's palsy. *N Engl J Med* 1988;319:450.
4. Hopkins A. A novel cause of a pressure palsy: mobile telephone user's shoulder droop. *J Neurol Neurosurg Psychiatry* 1996;61:346.
5. Deleu D. Mouse-directed computers and ulnar sensory neuropathy. *J Neurol Neurosurg Psychiatry* 1992;55:232.
6. Lewis MB. Telesales neuropathy. *Postgrad Med J* 2000;76:793-794.