ABSTRACT
We present 4 cases of multiple cranial nerve involvement caused by Varicella-Zoster Virus. It is thought about mechanism of the multiple dysphagia in 2 cases, sore throat in 2 cases and rhinopharynx countercurrent in 1 case.

METHODS
Retrospective study with 4 cases from May 2008 to May 2012. The patients were 58, 69, 72, and 78 years old. There were 2 male patients and 2 female patients.

RESULTS
Every case confirmed 9th or 10th cranial nerve paralysis preceding 7th or 8th cranial nerve paralysis. Every cases were treated by antiviral medicine and high-dose prednisolone.

DISCUSSION
It is thought about mechanism of the multiple cranial neuropathy onset
1. A virus transmits to other cranial nerves through the anastomosis of the cranial nerve
2. A virus infiltrates meninges through perineurium and a perineurium directly
3. The virus which there is to the ganglion of each cranial nerve is activated again
4. A virus spreads through a lymph style, bloodstream.
If cranial neuropathy spread via cerebrospinal fluid, lymph nodes, or by blood, other cranial nerves may be paralyzed. If cranial neuropathy spread by revitalization of every nerve ganglion, we cannot explain these systematic conditions. Then, we suggested that the spreading mechanisms of cranial neuropathy may result from intervention nerve (for example, tympanic nerve, less petrosal nerve).

CONCLUSIONS
We examined it about the multiple cranial neuropathy that a glossopharyngeal or the vagus nerve paralysis preceded.
It was thought that this 4 cases presented multiple cranial neuropathy through a nerve anastomosis.
In either case, it is thought that good convalescence is kept by starting treatment early.

REFERENCES