

# 노인의 신경계 질환

## Neurologic Diseases in the Elderly

911 - 1

Kyoung - Gyu Choi, M.D.

Department of Neurology

Ewha Womans University College of Medicine

Mokdong Hospital

E - mail : kgchoi@ewha.ac.kr

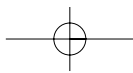
### Abstract

Clinical neurology is evolving in response to major changes in demography and prevalence rates of diseases associated with advanced age. Neurologic conditions, especially dementia, stroke and parkinsonian syndromes, are leading causes of disability and institutionalization in the elderly. The aging nervous system offers challenges in terms of placing disease and treatment in the context of predicted aging changes. However, these and other conditions are readily identified in current clinical practice. This article will include the diagnosis of dementia, stroke, parkinsonian syndrome, vertigo and headache including giant cell arteritis and trigeminal neuralgia. It should be stressed that the treatment should be selected based on the understanding of the changes associated with aging with regard to behavioral consequences, functional demands and social settings of individual patients.

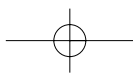
**Keywords :** Dementia; Stroke;

Parkinson's disease; Vertigo;

Headache



) ( )  
 ( 2가  
 ) 가  
 , . 가  
 , .  
 , .  
 가 (minimetal status examina-  
 tion) 가 . MMSE  
 가 가  
 .  
 가 , 가 가  
 , B12, , ,  
 .  
 가 (1). ( 가 , 5%  
 , ),  
 .  
 , .  
 , .  
 가 가 가  
 가 가  
 , 가  
 .  
 가 (dementia  
 plus syndrome)  
 .  
 1. :  
 , , 가 ,  
 , .  
 가 .  
 가  
 (



가

•

•

2

가

(4).

가

(

9

가

, 가

(7).

( )

( )

가

가

가

•

가

가

가

가 가

65

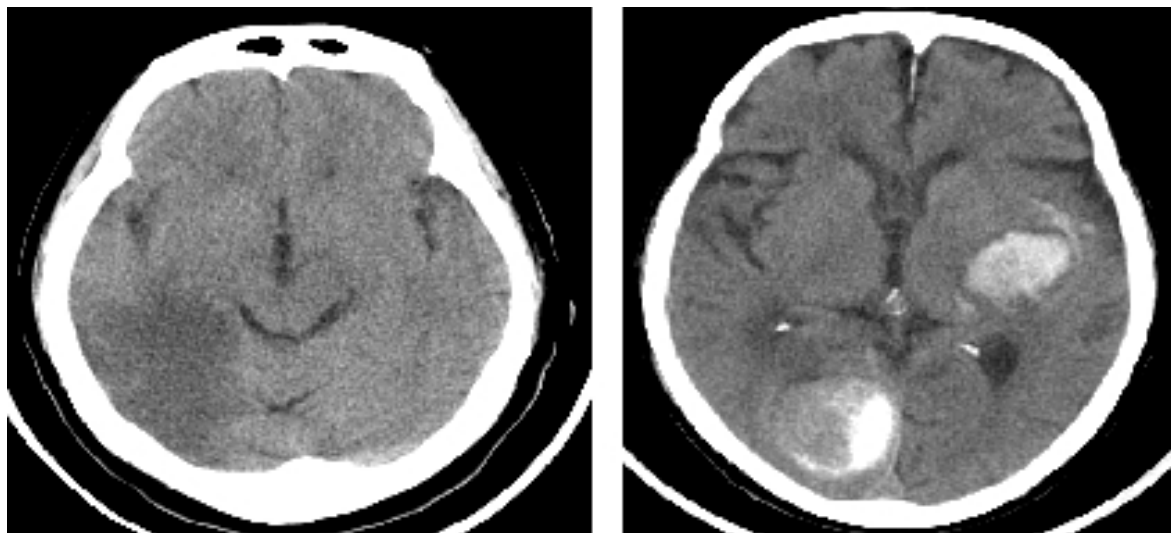
가

3

1/3 가

가

, 가 , ,



가, , . (가, , (atherosclerosis) , 가 , 가 가 . . ( . ) ( 1). . 가 . 가 . . 가 3 (80 ) (tissue plasminogen activator)가 가 (8). ( , ) 가 . 가

Special Issue

가

가

가

L -

가 L -

가

dopa decarboxylase

car-

## 4. (Parkinson's Disease)

bidopa

benzerazide가

sinemet

madopa

E(tocopherol),

C

monoamine B

selegiline

(Parkin-

son plus syndrome)

. 50 60

L - (levo - 5.

dopa)

75

가

가

70%

가

가

가

festinating gait

가

25~50%가

(vertigo)

가

가 , 가

L -

(peripheral vertigo), (central vertigo) 가 가  
가 (11).

가 . 60 가  
2 45 2.9~10.5% 가  
가

가  
(pre - syncopal attack) 90%가 60  
가 가

가 , car-  
diovascular health study 65~69 8~20%  
14.8%가, 85 26%가 (12).  
(10). 2

30mmHg  
(trigeminal neuralgia) 가  
(13). 2

2  
6. (triggering zone)

가 가  
 carbamazepine  
 amitriptyline  
 (30~60mg) , gabapentine, oxcarbazepine  
 pine 가  
 (15)·

1. Comptom DM, Bachman LD, Brand D, et al. Age associated changes in cognitive function in highly educated adults: emerging myths and realities. *Int J Geriatr Psychiatry* 2000; 15: 75 - 85
2. Meyer, et al. *Vascular Dementia*. Futura Publishing Company, 2001
3. SHEP Cooperative Research Group. Prevention of stroke by antihypertensive drug treatment in older persons with isolated systolic hypertension. Final Results of the Systolic Hypertension in the Elderly Program(SHEP). *JAMA* 1991; 265: 3255 - 64
4. Stroke Prevention in Atrial Fibrillation Investigators. *Lancet* 1994; 343: 687 - 91
5. Marcantonio ER, Flacker JM, Michaels M, et al. Delirium is independently associated with poor functional recovery after

- hip fracture. *J Am Geriatr Soc* 2000; 48: 618 - 24
6. Rahkonen T, Luukkainen - Markkula R, Paanila S, et al. Delirium episode as a sign of undetected dementia among community dwelling elderly subjects: a two - year follow - up. *J Neurol Neurosurg Psychiatry* 2000; 69: 519 - 21
  7. Inouye SK, Bogardus ST, Charpentier PA, et al. A multicomponent intervention to prevent delirium in hospitalized older patients. *N Eng J Med* 1999; 340: 669 - 76
  8. The National Institute of Neurological Disorders and Stroke t - PA Study Group. Tissue Plasminogen activator for acute ischemic stroke. *N Eng J Med* 1995; 333: 1581 - 7
  9. Rao G, Fisch L, Srinivasan S, D'Amico F, Okada T, Robbins C, et al. Does this patient have Parkinson disease? *JAMA* 2003 (Jan); 289: 347 - 53(Review)
  10. Kapoor W, Snutstad D, Peterson J, et al. A prospective evaluation and follow - up of patients with syncope. *N Eng J Med* 1983; 309: 197 - 204
  11. Solomon GD, Kunkel RS, Frame J. Demographics of headache in elderly patient *Headache* 1990; 30: 273 - 76
  12. Weyand CM, Goronzy JJ. Medium - and large - vessel vasculitis. *N Engl J Med* 2003(Jul); 349: 160 - 9(Review)
  13. Kminaki HJ, Ruff RL. Treatment of the elderly patient with headache or trigeminal neuralgia. *Drugs Aging* 1991(Jan); 1: 48 - 56(Review)