

00838749 1 12 49504851 20080205 0 106

Registration Number	Medical department	Psychiatry	Medical doctor	June-young Lee
Name	Sex / Age		Date	2008.02.05 11:15
Resident registration number	Patient classification	Local insurance	Reception category	A reservation after visiting

MMGE = 23.

CERAD = LET

CON - 0'5 10'5 / 1'5

MT be hippocarpal abyrg.

Mus McI. Annothic

pms. observabn

wooms

............

*** Please do not write below the dotted line as it will be erased during scanning ***

*** Please use the reverse side for additional information (turn sideways)

Psychiatric examination through a common protocol of the Center for Geriatric Dementia Clinical Research, Ministry of

Health and Welfare (CRCD)



CRCD Common Protocol-Medical Questionnaire

10. CRCD_Diagnostic Code (Choose from diagnostic names in the table below)

Diagnosis Name1	Date of Diagnosis January 5, 2008
Diagnosis Name2	
Diagnosis Name3	

	. 전 단	😝 Diagnosis Name	Code
		AD without	ADAD
	Definite	AD with small vessel disease	ADSV
		AD with clinical stroke	ADCS
	10000 NOVE	AD with vascular factors	ADVF
		AD with parkinsonism	ADPD
		AD without	APIAD
		with small vessel disease	APrSV
Alzheimer's disease	Probable	with clinical stroke	APrCS
ESTATION OF THE PROPERTY.		with vascular factors	APrVF
		with parkinsonism	APrPD
		AD without	APoAD
		with small vessel disease	APoSV
	Possible	with clinical stroke	APoCS
		with vascular factors	APOVF
	with parkinsonism		APOPO
	Subcortical vascula	SVD	
/ascutar	Multi-infarct demen	MID	
dementia	Strategic infarct de	SID	
	Multiple hemorrhag	HMG	
Frontolemporal lobar	Frontotemporal den	FTD	
degeneration	Semantic Dementia	SD	
degeneration	Progressive nonflue	PA	
Other	Dementia with Lewy	DLB	
Depenerative	Primary progressive	PPA	
lisease	Corticobasalganglic	CBO	
Rounse	Progressive supran	PSP	
	Mild cognitive impa		(MCI)
Other	Property and the last and the party of the last and the l	mpairment (Vascular MCI)	VCI
Cognitive	The second secon	nt related with depression	CIRD
Mpairment	Cognitive impairme conditions	CIPC	
	Normal pressure by	drochephalus	NPH
Cubern	Creuzfeldt-Jakob d	isease	CJD
Others	Subjective memory	impairment	SMI
	Healthy (Control) st	Control of the Contro	Healthy subject

Psychiatric examination through a common protocol of the Center for Geriatric Dementia Clinical Research, Ministry of

Health and Welfare (CRCD)

CRCD Common Protocol-Medical Questionnaire

11 'Patient level classification

Patient level classificati	yes	no	
Does the patient's population belong to normal, SMI, MCI, SVCI, AD, SVaD?	TSH VDRL Folste Vitamin 812		
Have you ever had a blood test within a year?	T2 axial FLAIR axial T1 axial T1 coronal Gradient Echo (SVaO, SVC)인 경우인 해당)		
Did you take an MRI w	ithin 6 months?		
Did you take a neurops. Is it one of 12 D-table of	ychological test within six months? ells of CRCD?	1	

Patient level classification:	1.			

12'D-Table creation (only patients in Level 1 and 2)

Cognitive impairment

eog.mir (
Normal			6.		
MCI					
Mild to mod dementia					
Severe dementia					
- Ischemic changes					-
P1 (Capping/Banding	DI (<10	mm)	02 (10-25 mm)	D3 (>25 mm)
告CI 5mm(li8i)	Minim	iai 🗸		Minimal	Moderate
P2 (P1-P3A+01)	Minimal		Moderate		Moderate
P3 (Capping/Bariding 돌 형하나라도 10 mm이상)	Minin	nal	Moderate		Severe
Cognitive impairment	1		Small v	ressel disease	in MRI
		< minir	mal	moderate	severe
No cognitive impairment		i-1		1-2	1-3
Mild cognitive impairment		11-1	1.	11-2	н-3
Mitd to moderate dementia		111-1		111-2	111-3
Severe dementia		IV-1		IV-2	IV-3

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Health and Welfare (CRCD)

CRCD Common Protocol-Medical Questionnaire

6. Neurological examination

Aphasia	(1. YES <u>2. <i>NO</i></u>)
Hemianopia	(1. YES <u>2. <i>NO</i></u>)
EOM handicapped	(1. YES <u>2. <i>NO</i></u>)
Dysarthria	(1. YES <u>2. NO</u>)
Dysphasia	(1. YES <u>2. <i>NO</i></u>)
Pathological laughing	(1. YES <u>2. NO</u>)
Pathological crying	(1. YES <u>2. NO</u>)
Facial palsy	(1. YES 2. <i>NO</i>)

	Left	Right
Motor weakness, Upper limb	1. YES 2. <u>NO</u>	1. YES 2. <u>NO</u>
Motor weakness, Lower limb	1. YES 2. <u>NO</u>	1. YES 2. <u>NO</u>
Sensory loss, Upper limb	1. YES 2. <u>NO</u>	1. YES 2. <u>NO</u>
Sensory loss, Lower limb	1. YES 2. <u>NO</u>	1. YES 2. <u>NO</u>
Biceps	1. Increase 2. <i>Normal</i> 3. Decrease	1. Increase 2. <i>Normal</i> 3. Decrease
Triceps	1. Increase 2. <i>Normal</i> 3. Decrease	1. Increase 2. <i>Normal</i> 3. Decrease
Knee jerk	1. Increase 2. <i>Normal</i> 3. Decrease	1. Increase 2. <i>Normal</i> 3. Decrease
Ankle jerk	1. Increase 2. <i>Normal</i> 3. Decrease	1. Increase 2. <i>Normal</i> 3. Decrease
Babinski sign	1. YES 2. <u>NO</u>	1. YES 2. <u>NO</u>
Chaddock	1. YES 2. <u>NO</u>	1. YES 2. <u>NO</u>

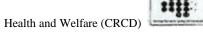
Extrapyramidal sign

a)	Resting tremor	1. YES 2. <u>NO</u>
b)	Postural tremor	1. YES 2. <u>NO</u>
c)	Rigidity, Upper limb	1. Yes 2. <i>None</i> 3. Left 4. Right 5. Both sides
d)	Rigidity, Lower limb	1. Yes 2. None 3. Left 4. Right 5. Both sides
e)	Rigidity, axial muscle	1. YES 2. <u>NO</u>
f)	Bradykinesia	1. Yes 2. None 3. Left 4. Right 5. Both sides

Gait disorder

a)	Hemiplegic	1. YES	2. <u>NO</u>
b)	Ataxic	1. YES	2. <u>NO</u>
c)	Parkinsonian type	1. YES	2. <u>NO</u>
-	Arm swing decrease		
-	Stooped posture		
-	Shot step gait		
-	Festination		
-	Shuffling		
-	Multi-step turning (pivot turning)		

Psychiatric examination through a common protocol of the Center for Geriatric Dementia Clinical Research, Ministry of



CRCD Common Protocol-Medical Questionnaire

7. lsçhemia Scales

	Symtom	Hachinski (1975)	Rosen (1980)
1	Abrupt onset (용상이 감작스럽게 시작)	2 X	2 X
2	Stepwise deterioration (계단식으로 진행)	1 x	2 X
3	Fluctuating course (중상의 골곡이 있음)	2 X	
4	Nocturnal confusion (아건성 훈통)	1 X	
5	Relative preservation of personality (비교적 성격 변화가 있음)	1 ×	
6			
7	Depression (유용증)	1 X	
8	Somatic complaint (신체적 불편용 호소함)	1 X	1 X
9	Emotional incontinence (명적 웃음 또는 명적 집음)	ı×	, x
1 0	History of hypertension (고혈압의 병력)	9 ×	1 X
1	History of stroke (뇌콜등의 방력)	2 X	2 X
1	Associated atherosclerosis (중백광화중이 동반당)	1 X	
1 2	Focal neurological symptoms (국소 신경학적 중심)	2 X	2 X
1 3	Focal neurological signs (국소 신경학적 광후)	2 X	2 X
	Total	至) /18音	/ 13器

evaluation	Alzheimer's Dementia	<u>0-4</u>	<u>0-2</u>
	Borderline	5-6	3
	Vascular Dementia	7-18	4-13

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Health and Welfare (CRCD)

CRCD Common Protocol-Medical Questionnaire

4. Medical Information for Patients

Eyesight	1 Normal 2 Wearing glasses No	o problem	in daily life 3 Glasses can interfere
Hearing	1 Normal 2 Hearing aids worn,	no disrupt	tion to daily life 3 Hearing aids may interfere
Physical	DISEASE		MENT TYPE
illness		NO	YES
	1. DM		1 During treatment. 2 have been treated
	2. Hypertension		<u>1 During treatment.</u> 2 have been treated
	3. Hyperlipidemia		1 During treatment. 2 have been treated
	4. Heart Disease		1 During treatment. 2 have been treated
	5. Stroke		1 During treatment. 2 have been treated
	6. Accidental brain injury		1 During treatment. 2 have been treated
	7. Carbon monoxide poisoning		1 During treatment. 2 have been treated
	8. Brain injury		1 During treatment. 2 have been treated
	9. Syphilis		1 During treatment. 2 have been treated
	10. Thyroid disease		1 During treatment. 2 have been treated
	11. Encephalitis / Menitis		1 During treatment. 2 have been treated
	12. Liver disease		1 During treatment. 2 have been treated
	(chronic hepatitis, cirrhosis of		
	the liver)		
	13. Depression		1 During treatment. 2 have been treated
	14. Kidney Disease		1 During treatment. 2 have been treated
	15. Lung disease		1 During treatment. 2 have been treated
	16. Arthritis		1 During treatment. 2 have been treated
	17. Dementia		1 During treatment. 2 have been treated
	18. Anemia		1 During treatment. 2 have been treated
	19. Chronic gastrointestinal		1 During treatment. 2 have been treated
	disease		
	20. Cancer		1 During treatment. 2 have been treated
	21. Alcoholism		1 During treatment. 2 have been treated
	22. Epilepsy (convulsions)		1 During treatment. 2 have been treated
	23. Spinal compression fracture		1 During treatment. 2 have been treated
	24. Limb fracture		1 During treatment. 2 have been treated
	25. Etc		1 During treatment. 2 have been treated

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CRCD Common Protocol-Medical Questionnaire

Current Medication		u currently on medication? 2 NO 3 Unknown
		If yes, please check your current medication
		Dementia Treatment
		Diabetes medication
	10	Hypertension drugs
		Stroke pills
		Heart pills
	D	Psychoactive drugs
		sleeping pills
		Chinese medicine
		Arthritis pills
		Osteoporosis medicine
		Hormonal agents
		Vitamin
		Asthma medicine
		Peptic
		Anti-inflammatory painkillers
		Hyperlipidemia drugs



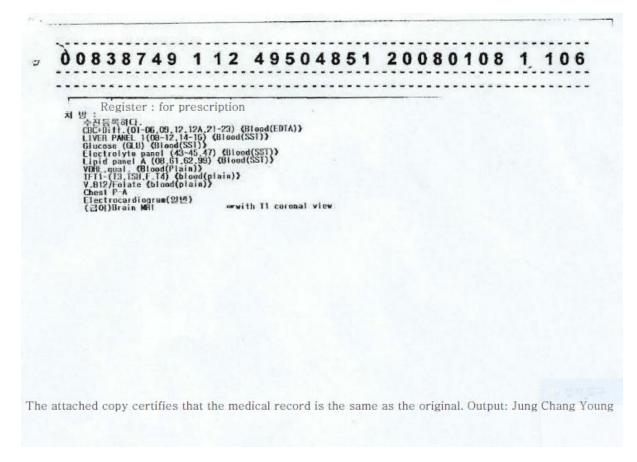
00838749 1 12 49504851 20080108 1 106

Registration Number	Medical department	Psychiatry	Medical doctor	June-young Lee
Name	Sex / Age		Date	2008.01.08
Resident registration number	Patient classification	Local insurance	Reception category	A reservation after visiting

History and Clinical Records

+ ±: BP 139/94 PR 61 158cm	62K8 H25815
chief Menouy.	Head circumference
Edu-b	
世間日: MM(モーン).	
Present illness CCPAD = 45	
CON- 0-10-11-5	
Not byverene	
ALI) R/O MCI. ANNELTE.	
ply (male	
oning May	
	40000.
과 거 명 : Past history	
가 정 백 : Family history	

*** Please use the reverse side for additional information (turn sideways) ***



2019-01-10 11:07:54

Dementia assessment

1.	ograp	hic	infor	mation
	051 ap		111101	muion

Registration Number :	Name :	Date and time : 2008-01-04
Sex:	Age:	Education:

2. Description of the patient (patient's test attitude, behavioral psychological symptoms, daily life, ...)

Consulted by Professor Lee June-young

Auditor: Jung-Hye Yoon

Recent memory loss is the chief complain. It has been blinking more than a year ago. The mind was comfortable and enjoyed with grandchildren.

In the test, the memory function was not functioning well overall. Difficulty in performing the naming and language fluency tests, and the computational power was slightly reduced. It is reported that there is no inconvenience in daily life, suggesting a slight level or cognitive decline.

3. **Screening** {MMSE-KC)

Time	Location	Memory Storage	Memory recall	Concentration	Language, Space	Decision	Total
5	3	3	1	2	7	2	23
5	5	3	3	5	7	2	30

4. Comprehensive Cognitive Assessment (CERAD-K)

	Evaluation		Perfect	Average	execution	cut	Z	Result
			score	score,	score	point	value	
Memory	Lowering	Word List	30	16.2	10	9	-1.5	boundary
		Memory						
		Word List	30	5.7	2	2	-1.9	Lowering
		Recall						
		Word List	30	8.8	6i	5	-1.8	boundary
		Replay						
		Composition	11	4.9	2	1.8	-1.3	boundary
		recall						
Construction	normal	Construction	11	9	10	5	0.53	normal
		behavior						
Execution	boundary	Language		13.1	9	7	-1.1	boundary
		fluency						

		Road	24	52.6		99.5	Error	boundary
		Making A						
		Road	24	119		220	Error	boundary
		Building B						
Naming	normal	Boston	15	9.4	8	5	-0.5	normal
		Naming						

5. Dementia Stage Assessment (CDR)

Memory	Orientation	Decision	Social Activity	Home Activity	Hygene	Total
0.5	0.5	0	0.5	0	0	0.5

6. Daily life assessment(ADL)

Everyday Activity Assessment-Basic: 0/24 Everyday Activity Assessment-Complex: 3/45

Everyday Activity Assessment-Potential: 3/45

7. Behavioral Symptoms Assessment

Item	Yes/No	Frequency*Severity	Guardian pain degree
Delusion	X	0	0
Hallucination	X	0	0
Irritable/Aggressiveness	×	0	0
Melancholy	×	0	0
Unrest	×	0	0
Euphoria/Get loose	X	0	0
Apathy/Indifference	×	0	0
Deinhibition	×	0	0
 Irritability/Instability	×	0	o
Dyskinesia symptoms	×	0	0
Sleep/Night behavior	×	0	0
Appetite/Dietary Changes	×	0	0
Sum	0	0	0

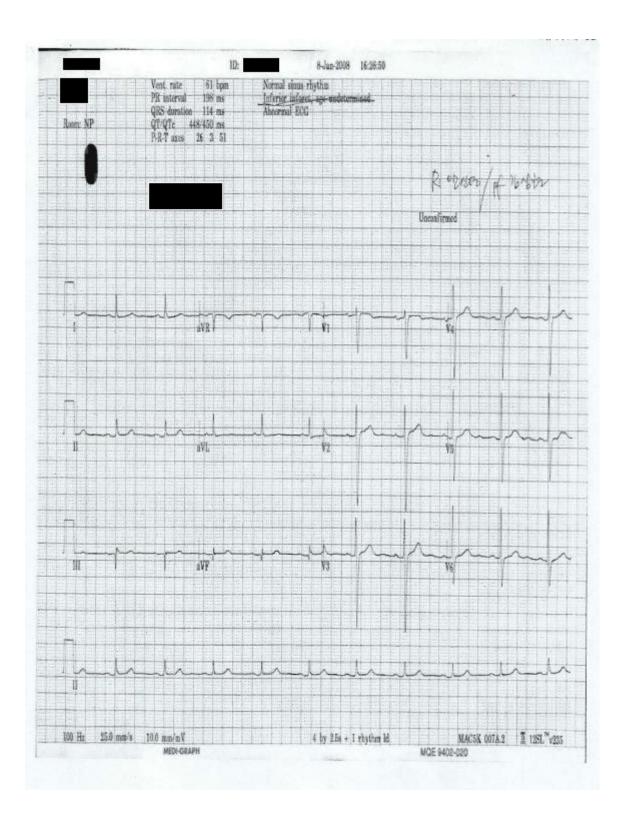
8. Dementia Diagnosis

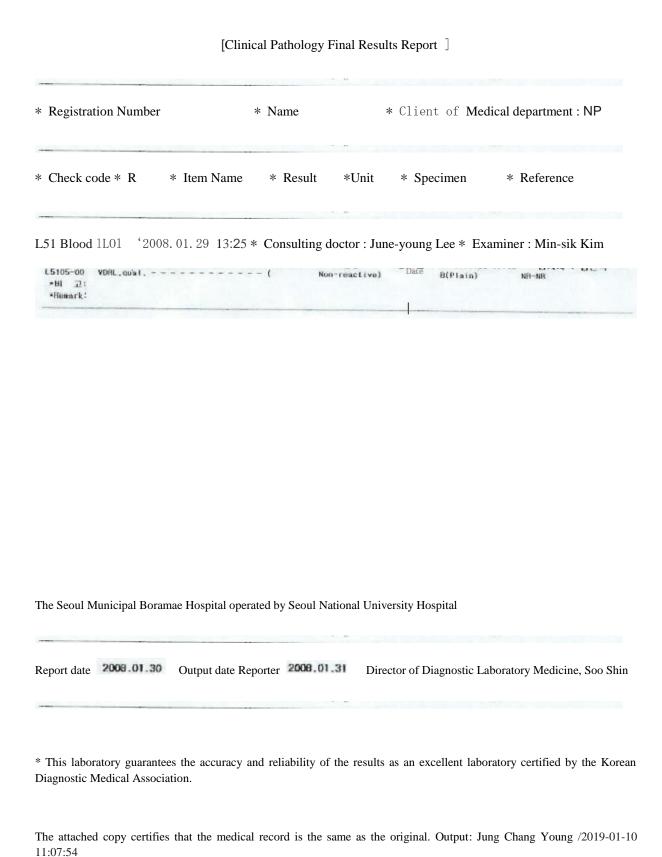
Dementia, probable (Questionable)

The Seoul Municipal Boramae Hospital operated by Seoul National University Hospital

ECG test report

Registration Number	Medical department	NP
Name	Date of Examination	2008.01.08
Sex / Age	Name of Examination	Electrocardiogram
Conclusion		
Normal Sinus Rhythm.		
	Dhunialan * 71 At 64	/ OLAIOI
	Physician : 김상연	/ 안신영





[Clinical Pathology Final Results Report]

```
* Client of Medical department: NP
* Registration Number
                                        * Name
* Check code * R
                         * Item Name
                                           * Result
                                                        *Unit
                                                                   * Specimen
                                                                                       * Reference
L20 Blood 2008.01.29-0280 13:07 * Consulting doctor: June-young Lee * Date : 2008.01.29 13:54 * Examiner:
Ji-hyun Ahn
                                                                                                  Reference
                                                                  4.50) ×10* / pt
L2001-00
L2002-00
                                                                                    B(EDTA)
                                                                                                    4.0-10.0
            VBC(Leukocyte) - - - - - -
                                                                  4.22) x10°6 /18
                                                                                   B(EDTA)
                                                                                                    M4.2-6.3 F4.0-5.4
            RBC(Erythrocyte)
 L2003-00
                                                                  13.5) g/dL
                                                                                    B(EDTA)
                                                                                                     M18.0-17.0 F12.0-16.0
           Hb(Hemoglobin)
 L2004-00
            Hct(Hematocrit)
                                                                  39.4) %
                                                                                    B(EDTA)
                                                                                                     M39-52 F36-48
                                                                   275) ×10° / pt
 L2009-00
            Platelet
                                                                                    B(EDTA)
                                                                                                     130-400
                                                                                    B(FDIA)
 L2005-00
            HDW
                                                                  12.81%
                                                                                                    0 - 14.5
                                                                  60.9) %
                                                                                                    0-65
                                                                                    B(EDTA)
 L2006-00
           PDW
            HCV
                                                                                                     MB1~96 F79~95
 L2021-00
                                                                  93.4) IL
                                                                                    B(EDTA)
 L2022-00
                                                                  32.0) pg
                                                                                    B(EDTA)
                                                                                                     M27-33 F26-32
            HCH
 L2023-00
            MOHE
                                                                  34.3) u/di.
                                                                                    B(EDTA)
                                                                                                     32-36
                                                                                                    42.2-75.2
20.5-51.1
 L2012-02
            Seg. Neutrophil
                                                                    48) %
                                                                                    B(EDTA)
                                                                                    B(EDIA)
 L2012-03
            Lymphocyte -
                                                                    44) %
                                                                                    B(EDIA)
                                                                                                     1.7-9.3
                                                                     5) %
 1.2012-04
            Ronocyte
                                                                     2) %
                                                                                    B(EDTA)
 L2012-05
                                                                                                     1.0-10.0
            Eosinophil
                                                                                    B(EDTA)
 £2012A-00 ANC(Absolute Neutrophil Count)
                                                                  2160) /m²
                                                                                    B(EDTA)
                                                                                                     1500-7500
 *Bemark:
L30 General Chemistry(1) 2008.01.29-0385 13:24 * Consulting doctor: June-young Lee * Date : 2008.01.29 15:12 *
Examiner: Sun-hee Choi
                                                                                                 Reference
```

L3005-00	Glucose (GLU)	86) ng/dL	B(SSI)	70-110	
L3008-00	Chalesterol (CHOL) (208) mg/dL	B(SSI)	70-240	
L3009-00	Protein, total (TP) (7.0} g/dL	B(SST)	6.0-8.0	
£3010-00	Albunin (ALB) (3.9) g/dL	B(SSI)	3.3-5.2	
L3011-00	Bilirobin, total (18) (1.0) mg/dL	B(SSI)	0.2-1.2	
L3012-00	Alk_phosphatase (ALP) (97) IU/L	B(SST)	30-115	
L3014-00	GOT(AST) (31) IU/L	B(SST)	0-40	
L3015-00	GPT(ALT)(27) IU/L	B(SSY)	0-40	
L3016-00	Ganna-GT (GGT) (14) 1U/L	B(SSI)	M11-63 F8-35	
L3043-00	Sodium (Na)(144) pmo1/L	B(SSI)	135~145	
L3044-00	Potassium (K) (4.3) nmol/L	B(SST)	3.5-5.5	
L3045-00	Chloride (C1) (106) nmo1/L	B(SST)	98-119	
L3047-00	CO2, total (TCO2) (27.8) mmo1/L	8(SST)	24-31	
L3061-00	Triglyceride (TG) (107) ng/dL	B(SST)	0-200	
£3062-00	MDL-Chalesteral (50) mg/dL	B(SSI)	N35-55 F45-65	
L3099-00	LDL-Cholesterol(ALC) (137) mg/dL	B(SST)	0-130	
-151" 12"	Calculation				
*Bemark:					

The Seoul Municipal Boramae Hospital operated by Seoul National University Hospital

Report date 2008.01.29 Output date Reporter 2008.01.30 Director of Diagnostic Laboratory Medicine, Soo Shin

^{*} This laboratory guarantees the accuracy and reliability of the results as an excellent laboratory certified by the Korean Diagnostic Medical

RADIOLOGIC REPORT

PATIENT:									
BIRTH DATE :	SEX:	NP/ June-young Lee							
Examination : Chest [READING]	P-A(2008.	01.29)							
[RESULTI No active lesions are	seen.								
RADIOLOGIST : Dae-ho	ee Han								

2008-01-30 오전 8:36:38

RADIOLOGIC REPORT

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1	$\boldsymbol{\Gamma}$. 1	ш	انا	LV	1		٠

BIRTH DATE:

SEX:

NP/ June-young Lee

Examination: (INSURANCE) Brain MRI(2008.01.29)

[READINGI

[RESULTI

Grade I small vessel disease involving both cerebral white matter, suggested. A few tiny lacunes at the rt. BG

RADIOLOGIST: Ji-hoon Kim

2008-01-30 오전 8:35:38 AM

Nuclear medicine test report

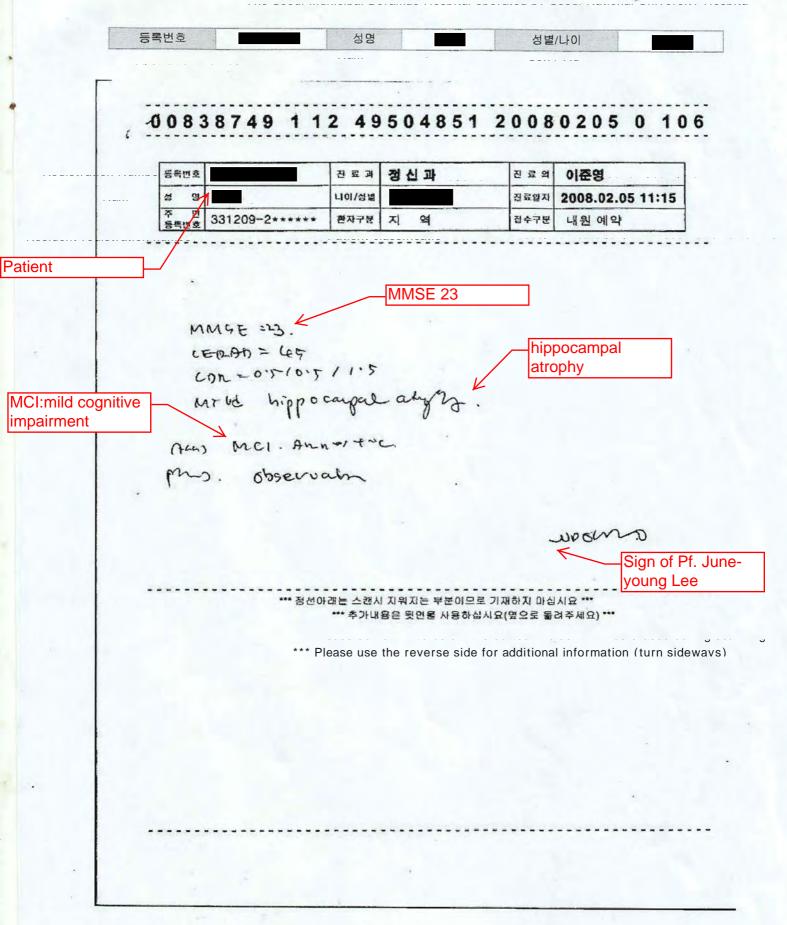
 $\label{eq:medical department} \mbox{Medical department}: \mbox{NP Type of treatment}: \mbox{OPD} \qquad \mbox{Doctor}: \mbox{June-young Lee}$

Date	of	Number		Test Name		Sample name	Result	Normal Range
Legislation								
20080129		114	Triiodoth	yroxine	bloo	d(plain)	112	200-80
			TSH		bloo	d(plain)	1.73	4.1-0.4
			Free.T4		bloo	d(plain)	1.18	1.90-0.80
			Vitamin I	312	bloo	d(plain)	585	950-200
			Folate		bloo	d(plain)	21.56	17-3

서울시립보라매병원

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SNUH® 서울특별시보라매병원

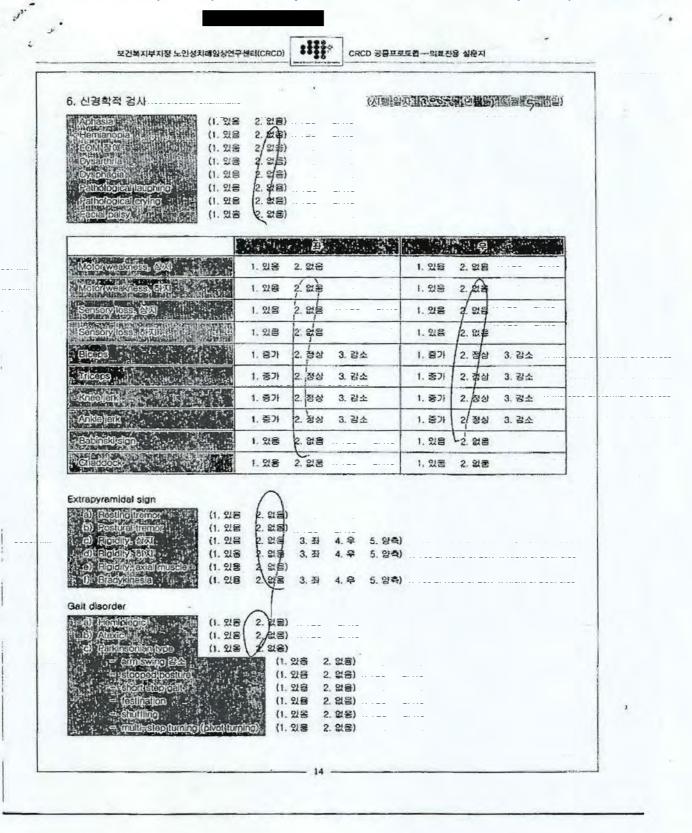


Supplement 4 - Medical Record of The Seoul Municipal

Boramae Hospital operated by Seoul National University Hospital

:1180 보건복자부지정 노인성차매임삼연구센터(CRCD) CRCD 공용프로토잔 - 외료진용 설문지 11. 환자 level 분류 환자 level 문류 Checklist IN. 아니오 환자의 전단이 정상인, SMI, MCI, SVCI, AD, SVaD에 속합니까? to normal. SMI. N.Cl. SVCI. AD. SVaD 미경사를 1년 TSH within a y 이내에 시험한 VDR. Folate Vitamin 812 적이 있습니까? T2 axial MRIE 6개量 FLAIR axial OILHOI T1 axial 촬영하였습니까? T1 coronal Gradient Echo (SVaD, SVCI인 경우인 해당) 신경심리검사를 6개월 이내에 심시하였습니까? within six month CRCD의 D-table 12개 cell중하나에 해당이 됩니까? 한자 level 문류: 1. 12. D-Table 작성 (Level 1.2에 해당되는 환자만 작성) - 인지장에 정도 Normal MCI Mild to mod dementia Severe dementia - Ischemic changes D2 (10-25 mm) DI (<10 mm) D3 (>25 mm) P1 (Capping/Banding Minimal V Minimal Moderate 등다 5mm(미원) P2 (P1-P3AIDI) Minimal Moderate Moderate P3 (Capping/Banding = Minimal Moderate Severe 형 하나라도 10 mm이 살)

	Small vessel disease in MRI						
인지장애 정도	< minimal	moderate	severe				
No cognitive impairment	1-1 '	1-2	1-3				
Mild cognitive impairment	11-1~	11-2	11-3				
Mild to moderate dementia	IH-1	111-2	111-3				
Severe dementia	IV-1	IV-2	IV-3				



silis CRCD 공용프로토중-의료진용 설문지 보건복지부지정 노인성치매임산연구센터(CRCD) 7. Ischemia Scales 증상 Abrupt onset (용상이 감작스럽게 시작) Stepwise deterioration (계단식으로 진행) Fluctuating course (중상의 결곡이 있음) Nocturnal confusion (이건성 운동) Relative preservation of personality (비교적 성격 변화가 없음) 1 X Depression (우물증) X Somatic complaint (신체적 물편을 호소함) X Emotional incontinence (병적 웃음 또는 병적 원음) History of hypertension (고혈압의 병학) 3 History of stroke (뇌골등의 방력) 2 X Associated atherosclerosis (동백강화중이 동반당) Focal neurological symptoms (국소 신경학적 중심) Focal neurological signs (국소 신경학적 장후) 魯智 / 18登 / 13절

15

0-4

5-6

7-18

0-2

3

4-13

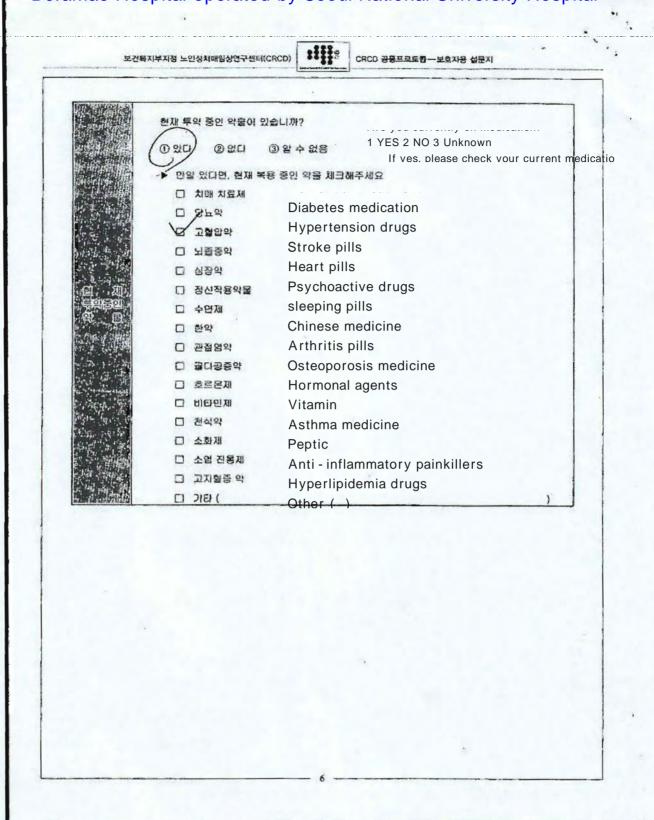
알쯔하이머형 치매

Borderline

얼관성 치배

뭔가

4. 환자에 (· 대한 의학정보	+	
数温度	① 정점 ② 안경 쓰고 및상생품	기장 없음	③ 만경 써도 지장이 있음 problem in daily life 3 Glasses can interfe
であれ、祖言	① 정상 ② 보형기 착용하고 일	실상생활 지장	없음 ③ 보형기 착용해도 지장이 있음
建新加州	岁 명		disruption to daily life 3 Hearing aid interfere
2472	00	없음	및은 적이 있음
ch direct	1. 당뇨		① 치료 정 ② 치료한 적 있음
	2, 고혈압		① 치료 중 ② 치료한 적 있음
	3. 고지철증		① 치료 중 ② 치료한 적 있음
Ţ	4. 심장질환		① 치료 중 ② 치료한 적 있음
A STORAGE	5. 중품		① 치료 중 ② 치료한 적 있음
The state of	6. 사고로 인한 뇌손상		① 치료 중 ② 치료한 적 있음
AND STREET	7. 일산화탄소중독		① 치료 중 ② 치료한 적 있음
	8. 뇌수술		① 치료 중 ② 치료한 적 있음
SALE SALES	9. 매독		① 치료 중 ② 치료한 적 있음
	10. 김상선 질환		① 치료 중 ② 치료한 적 있음
	11. 뇌염/뇌막염		① 치료 중 ② 치료한 적 있음
신체질론	12. 간장 질환(만성 간염, 간경화)- (c	hronic hepatiti	① 치료 중 ② 치료한 적 있음 s. cirrhosis of the liver
	13. 우짧중		① 치료 중 ② 치료한 적 있음
	14. 신장질환(콩팙)		① 치료 중 ② 치료한 적 있음
10.7	15. 폐질환		① 치료 중 ② 치료한 적 있음
	16. 관절염		① 치료 중 ② 치료한 적 있음
	17. XIDH		① 치료 중 ② 치료한 적 있용
	18. 빈혈		① 치료 중 ② 치료한 적 있음
	19. 안성 위장 질환		① 치료 중 ② 치료한 적 있음
1.1	20. 암		① 치료 중 ② 치료한 적 있음
a your in	21. 알코윰 중독		① 치료 중 ② 치료한 적 있음
4.40	22. 건절(경련)		① 치료 중 ② 치료한 적 있음
7. 1	23. 척추 암박 골절		① 지료 중 ② 치료한 적 있용
	24. 사지 골절		① 치료 중 ② 치료한 적 있용
	25. 7IEH)		① 치료 중 ② 치료한 적 있음



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	등흑번호		진료과	정신과	전포의	이준영
	8 8		나이/성별		진료일자	2008.01.08
	주 인 등록번호	331209-2	불두자현	지 역insurance	접수구분 ce	
	주 쇼	전북 남원시				(H.P (건화)
		1	병력 및	임상 소견	기록지	
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저 방:
수진등록하다.
CBC+Diff. (01-06.09.12.12A.21-23) (Blood(EDTA))
LIVER PANEL 1(08-12.14-16) (Blood(SSI))
Glucose (GLU) (Blood(SSI))
Liectrolyte panel (43-45.47) (Blood(SSI))
Lipid panel A (08.61.62.98) (Blood(SSI))
VORL.qual. (Blood(Plain))
IFT1-(13.1SH.F.T4) (blood(plain))
V.B12/Folate (blood(plain))
Chest P-A
Electrocardiogram(일반)
(급이)Brain MRI

치매 평가

Number

X. L. 1 1 1 0-							
병독번호:	and the second	이름:		면담일시:	2008-01-04		
성발:		연령:	All	교육연한;	6 M		

2. 환자에 대한 기술 (환자의 검사태도, 행동심리증상, 일상생활정도, ...)

이 준명교수님 의뢰 검사자 : 윤 정혜

behavioral psychological symptoms. daily life. ...)

최근 기억력 저하가 주소임. 1년 전 부터 깜박깜박하는 일이 잦아졌다고 항. 마음은 편안하고, 손 주와 함께 지내 즐겁다고 하였음.

검사에서, 기억 기능이 전반적으로 원활하게 기능하고 있지 않았음. 이용대기와 언어 유창성 검 사 수행에 어려움있었고, 계산력이 다소 저하되어 있었으나, 일상생활에서 불편함이 없다고 보 고되어, 경미한 수준이나 인지적 저하가 시사되고 있음.

Auditor: Jung - Hye Yoon

Recent memory loss is the chief complain. It has been blinking more than a year ago. The mind was comfortable and enjoyed with grandchildren. In the test, the memory function was not functioning well overall. Difficulty in performing the naming and language fluency tests, and the computational power was slightly reduced. It is reported that there is no inconvenience in daily life, suggesting a slight level or cognitive decline.

3. 선벌검사 (MMSE-KC)

시간	장소	기억저장	기억희상	집중력	언어,공간	판단	专业
5	3	3	1	2	7	2	23
5	5	3	3	5	7	2	30

MMSE 23

4. 중합인지평가 (CERAD-K)

		1.0		4 0	900	6.8.8.1	SGB	C BX	-	1
	Memory		단어목록기억	30	16.2	10	9	-1.5	SA],
Word List Recall		XI SI	단어목목회상	30	30 5.7	5.7 2	2	-1.9	저하	Lowering
Word List Replay		AI OF	단어목목재인	30	8.8	6	5	-1.8	경계	boundary
Composition recall			구성회상	1.1	4.9	2	1.8	-1.3	智계	boundary
Construction behavio	or Construction	정상	구성행동	11	9	10	5	0.53	정상	normal
Language fluency	Execution		언어유창성		13,1.	9	7	-1.1	경계	boundary
Road Making A		검계	길만돌기A	24	52.6		99.5	#Error	경계	boundary
Road Building B	lding B		길만들기B	24	119		220	#Error	超別	boundary
Boston Naming	Naming	정상	보스톤이롭대기	15	9.4	8	5	-0.5	정상	normal

45

치메단계	평가 (CDR)					Si	ımmary
기억덕	지남력	판단	사회활동	집안생환	위생	₹ *	
0.5	0,5	0	0.5	0	0	0.5 .	1.0.

6. 일상활동평가

		THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TW			
일상활동평가-기초:	0/24	일상활동평가-복합:	3/45	일상활동평가-잠재:	3/45

7. 행동중상평가

	참목	여/아니오	빈도*심각도	보호자고동정도
	망상	X	.0	0
hallucination	환각	×	0	0
Irritable / Aggressive	초조/공격성	×	0	0
Melancholy	우울/낙담	×	0	o ·
unrest	불안	×	0	0
Glad / Feeling	다행감/들뜬기분	×	0	0
Insensitive / Indifferent	무감둥/무관심	X	0	0
Deinhibition	탈억제	×	0	0
Irritability / Instability	과민/분안정	x	0	0
Dyskinesia symptoms	이상운동증상	×	0	0
Sleep / Night Behavior	수민/야간행동	×	0	0
Appetite / Dietary Chand	pel욕/식습관 변화	X	0	0
	총점	0	0	0

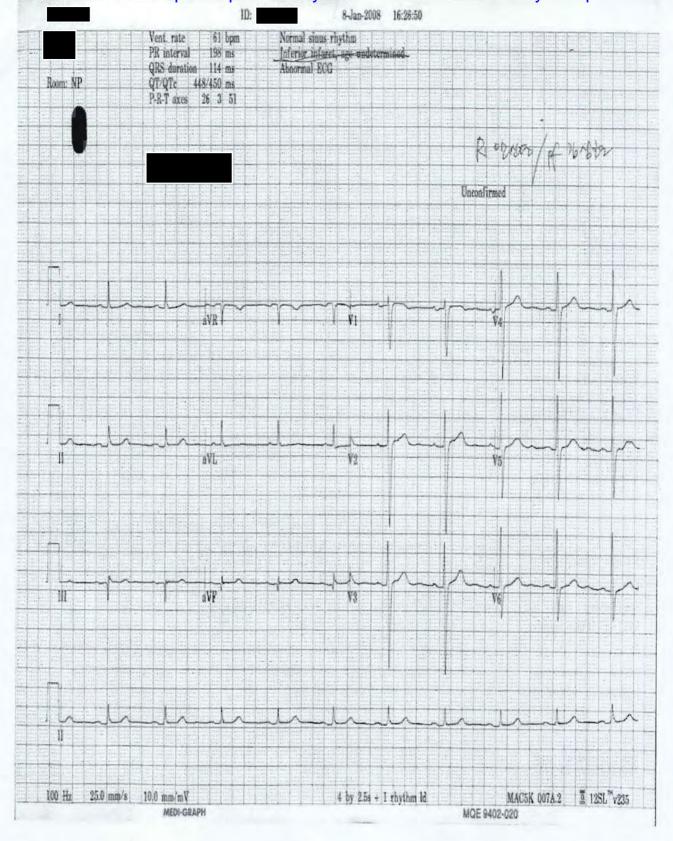
8, 치매진단

Dementia, probable (Questionable)

사물대학교병원운영 사립보리예병원

심전도 검사보고서

병목번호		의뢰저	NP	
한자명		강 사 일		4
건령/성별		검사 명	Electrocardlogram(일반)	
701 12 1				
결론: Normal Sinus Rhyt	thm.			
			Physician : 김상현 / 만신명	
			riyatelai - a a e / a e a	



[임상병리검사 최종 결과보고서]

* 병록번호		* 환자명 :				* 의료처 : NP
* 검사코드	•항목명		+길과	* 단위	*김체	*참고치(성인)
L51-혈정 L5105-00 VDRL. *H 고: *Remark:	2008.01.29-2952 qual		: NP 이준영 Non-react	100	2 : 2008.01.30 17:10 B(Plain)	◆검사자 : 감만식 NR-NR

'본 검사실은 대한진단검사의학회의 신임 인증을 받은 무수검사실로사의 결과의 정확성 및 신병도를 보증합니다'

[임상병리검사 최종 결과보고서]

* 병록번	호 : ★ 巻 자 명 :	No. of the Park of		* 의뢰처 : NP
* 김사고	•항목명	*결과 * 단위 *김	체	*참고치(성인)
L20~일반형	약 2008.01.29-0280 13:07 *검사의회의시		2008.01.29 13:54	*검사자 : 안지현 -
12001-00	VBC(Leukocyte) (4.50) ×10° /#	B(EDTA)	4.0-10.0
L2002-00	RBC(Erythrocyte) (4.22) ×10^6 /14	B(EDTA)	M4.2-6.3 F4.0-5.4
2003-00	Hb(Hemoglobin)(13.5) g/di.	B(EDIA)	M13.0-17.0 F12.0-16.
L2004-00	Hct(Hematocrit) (39.4) %	B(EDTA)	N39-52 F36-48
L2009-00	Platelet (275) ×10° / µt	B(EDTA)	130-400
L2005-00	HDW (12.8) 1	B(EDTA)	0-14.5
L2006-00	PDV (60.9)%	B(EDTA)	0-65
L2021-00	HCV (93.4) IL	B(EDTA)	NB1~96 F79~95
L2022-00	MCH(32.0) pg	B(EDTA)	H27-33 F26-32
FS053-00	HCHC - + (34.3) g/dL	B(EDTA)	32-36
L2012-02	Seg. Neutrophil(48) %	B(EDTA)	42.2-75.2
L2012-03	Lymphocyte (44) %	B(EDTA)	20.5-51.1
L2012-04	Monocyte (5) %	B(EDIA)	1.7~9.3
L2012-05	Eosinophil (2) %	B(EDTA)	1.0-10.0
L2012-06	Basophil (13 %	B(EDTA)	0.0-1.0
±2012A-00 ★BI 고:	ANC(Absolute Neutrophil Count) (2160) /am²	B(EDTA)	1500-7500
*Bewark:	The state of the s			the way to the way the
	학(1) 2008.01.29-0385 13:24 *검사의회의기			*검사자 : 최선희
L3005-00	Glucose (GLV)(86) ng/dL	B(SST)	70-110
F3008-00	Cholesterol (CHOL) (208) no/dL	B(SST)	70-240
L3009-00				
	Protein.total (TP) (7.0) g/dL	B(SST)	6.0-8.0
£3010-00	Albunin (ALB) (3.9) g/dL	B(SST)	6.0-8.0 3.3-5.2
£3010-00 £3011-00	Albanin (ALB) (Bilirubin, total (IB) (3.9) o/dL 1.0) mp/dL	B(SST)	6.0~8.0 3.3~5.2 0.2~1.2
£3010-00 £3011-00 £3012-00	Albunin (ALB) (Bilirubin,total (IB) (Alk.phosphatasa (ALP) (3.9) g/dL 1.0) mg/dL 97) 1U/E	B(SST) B(SST)	6.0-8.0 3.3-5.2 0.2-1.2 30-115
£3010-00 £3011-00 £3012-00 £3014-00	Albunin (ALB)(Bilirubin,total (IB)(Alk phosphatase (ALP)(GOT(AST)(3,9) p/dL 1,0) mp/dL 97) TU/L 31) TU/L	B(SST) B(SST) B(SST)	6.0~8.0 3.3-5.2 0.2~1.2 30-115 0-40
£3010-00 £3011-00 £3012-00 £3014-00 £3015-00	Albumin (ALB) (Bilirubin,total (IB) (Alk,phosphatase (ALP) (GOT(ASI) (GPI(ALI) (3.9) g/dL 1.0) mg/dL 97) lU/L 31) lU/L 27) lU/L	B(SST) B(SST) B(SST) B(SST)	6.0-8.0 3.3-5.2 0.2-1.2 30-115 0-40
£3010-00 £3011-00 £3012-00 £3014-00 £3015-00 £3016-00	Albunin (ALB)(Bilirubin,total (IB)(Alk,phosphatase (ALP)(GOT(ASI)(GPI(ALI)(Ganma-GI (GGI)(3.9) a/dL 1.0) mp/dL 97) tU/L 31) tU/L 27) tU/L 14) tU/L	8(SST) 8(SST) 8(SST) 8(SST) 8(SST) 8(SST)	6.0-8.0 3.3-5.2 6.2-1.2 30-115 0-40 0-40 M11-63 F8-35
£3010-00 £3011-00 £3012-00 £3014-00 £3015-00 £3016-00 £3043-00	Albunin (ALB)(Bilirubin,total (TB)(Alk,phosphatase (ALP)(GOT(ASI)(GPT(ALT)(Sontian-GT (GGT)(Sontian (Na)(3.9) g/dL 1.0) mg/dL 97) tU/E 31) tU/E 27) tU/L 14) tU/L 144) mmot/E	8(881) 8(881) 8(881) 8(881) 8(881) 8(881)	6.0-8.0 3.3-5.2 0.2-1.2 30-115 0-40 0-40 M11-63 F8-35 135-145
£3010-00 £3011-00 £3012-00 £3014-00 £3015-00 £3016-00 £3043-00 £3044-00	Albunin (ALB)(Bilirubin,total (TB)(Alk,phosphatase (ALP)(GOT(ASI)(GPT(ALT)(Ganma-GT (GGT)(Sodium (Na)(Potassium (K)(3.9) g/dL 1.0) mg/dL 97) tU/L 31) tU/L 27) tU/L 14) tU/L 144) mmot/L 4.3) mmot/L	B(SST) B(SST) B(SST) B(SST) B(SST) B(SST) B(SST) B(SST)	6.0-8.0 3.3-5.2 0.2-1.2 30-115 0-40 0-40 M11-63 F8-35 135-145 3.5-5.5
£3010-00 £3011-00 £3012-00 £3014-00 £3015-00 £3016-00 £3043-00 £3044-00 £3045-00	Albunin (ALB)	3.9) g/dL 1.0) mg/dL 97) IU/L 31) IU/L 27) IU/L 14) IU/L 144) mmol/L 4.3) mmol/L 106) mmol/L	B(SST) B(SST) B(SST) B(SST) B(SST) B(SST) B(SST) B(SST)	6.0-8.0 3.3-5.2 0.2-1.2 30-115 0-40 0-40 M11-63 F8-35 135-145 3.5-5.5 98-110
£3010-00 £3011-00 £3012-00 £3014-00 £3015-00 £3016-00 £3043-00 £3044-00 £3045-00 £3047-00	Albunin (ALB)	3.9) a/dL 1.0) ma/dL 97) 10/L 31) 10/L 27) 10/L 14) 10/L 144) nmo1/L 4.3) nmo1/L 106) nmo1/L 27.8) nmo1/L	B(SST) B(SST) B(SST) B(SST) B(SST) B(SST) B(SST) B(SST) B(SST) B(SST)	6.0-8.0 3.3-5.2 0.2-1.2 30-115 0-40 0-40 M11-63 F8-35 135-145 3.5-5.5 98-110 24-31
£3010-00 £3011-00 £3012-00 £3015-00 £3015-00 £3016-00 £3043-00 £3044-00 £3047-00 £3047-00 £3061-00	Albumin (ALB)	3.9) g/dL 1.0) mg/dL 97) tU/L 31) tU/L 27) tU/L 14) tU/L 144) mmot/L 108) mmot/L 27.8) mmot/L 107) mg/dL	B(SST) B(SST) B(SST) B(SST) B(SST) B(SST) B(SST) B(SST) B(SST) B(SST) B(SST)	6.0-8.0 3.3-5.2 0.2-1.2 30-115 0-40 0-40 N11-63 F8-35 135-145 3.5-5.5 98-110 24-31 0-200
£3010-00 £3011-00 £3012-00 £3014-00 £3016-00 £3043-00 £3043-00 £3045-00 £3047-00 £3061-00	Albumin (ALB)	3.9) g/dL 1.0) mg/dL 97) 10/L 31) 10/L 27) 10/L 14) 10/L 144) mmo1/L 4.3) mmo1/L 108) mmo1/L 27.8) mmo1/L 107) mg/dL 50) mg/dL	B(SST) B(SST) B(SST) B(SST) B(SST) B(SST) B(SST) B(SST) B(SST) B(SST) B(SST)	6.0-8.0 3.3-5.2 0.2-1.2 30-115 0-40 0-40 M11-63 F8-35 135-145 3.5-5.5 98-110 24-31 0-200 N35-55 F45-65
£3010-00 £3011-00 £3012-00 £3014-00 £3016-00 £3043-00 £3044-00 £3045-00 £3047-00 £3082-00 £3089-00	Albumin (ALB)	3.9) g/dL 1.0) mg/dL 97) tU/L 31) tU/L 27) tU/L 14) tU/L 144) mmot/L 108) mmot/L 27.8) mmot/L 107) mg/dL	B(SST) B(SST) B(SST) B(SST) B(SST) B(SST) B(SST) B(SST) B(SST) B(SST) B(SST)	6.0-8.0 3.3-5.2 0.2-1.2 30-115 0-40 0-40 N11-63 F8-35 135-145 3.5-5.5 98-110 24-31 0-200
£3010-00 £3011-00 £3012-00 £3014-00 £3016-00 £3043-00 £3043-00 £3045-00 £3047-00 £3061-00	Albumin (ALB)	3.9) g/dL 1.0) mg/dL 97) 10/L 31) 10/L 27) 10/L 14) 10/L 144) mmo1/L 4.3) mmo1/L 108) mmo1/L 27.8) mmo1/L 107) mg/dL 50) mg/dL	B(SST) B(SST) B(SST) B(SST) B(SST) B(SST) B(SST) B(SST) B(SST) B(SST) B(SST)	6.0-8.0 3.3-5.2 0.2-1.2 30-115 0-40 0-40 M11-63 F8-35 135-145 3.5-5.5 98-110 24-31 0-200 N35-55 F45-65

보고일 : 2008.01.29 출력일 : 2008.01.30 보고자 : 진단검사의학과장 신

'본 검사실은 대한진단검사의학회의 신입 안증을 받은 우수검사실로서의 결과의 장학성 및 신방도를 보증합니다'

방사선 판독지

NP/이준영 ____

검사명: Chest P-A(2008.01.29)

[판독문]

[검 론]

No active lesions are seen.

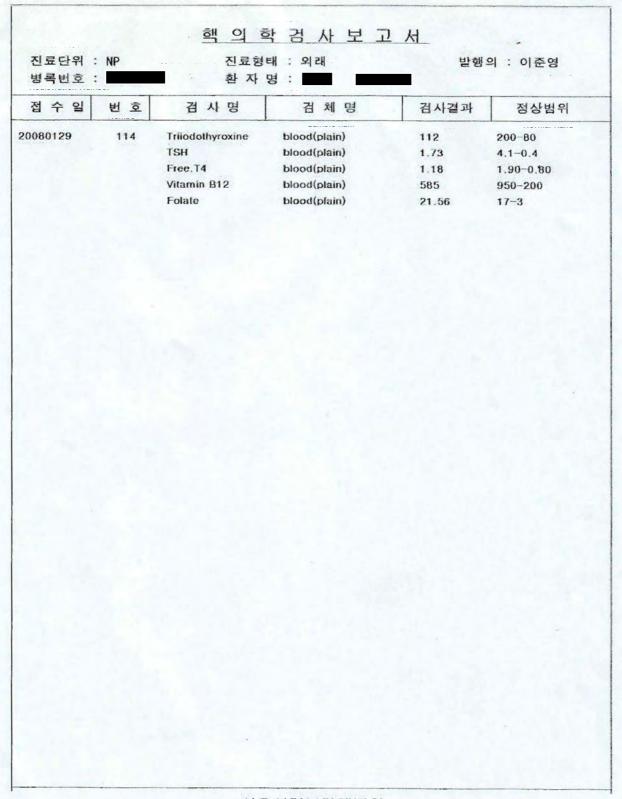
판독의사 : 한대회 / /

2008-01-30 오전 8:36:38

환 자:	
생년월일 : 성별 :	NP/이준영
검사명 : (급여)Brain MRI(2008.01.29)	
[판독문]	
[결 본]	
Grade I small vessel disease involving both cerebral wi	nite matter, suggested.
A few tiny lacunes at the rt. BG	

2008-01-30 오전 8:35:38

판독의사 : 김지훈 / /



서울시립보라매병원