

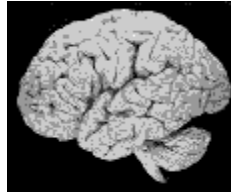
## Neuropath Final Report

Repo staff complete

1) Case Number:

2) Case Year:

A) Program ID:



Data Center Received on : \_\_\_ / \_\_\_ / \_\_\_\_\_

Data Entry 1 date: \_\_\_ / \_\_\_ / \_\_\_\_\_ by \_\_\_\_\_

Data Entry 2 date: \_\_\_ / \_\_\_ / \_\_\_\_\_ by \_\_\_\_\_

Data Move Date: \_\_\_ / \_\_\_ / \_\_\_\_\_ by \_\_\_\_\_

3) Pathologist:  Ron Kim  Other Pathologist : \_\_\_\_\_ 4) Pathologist Assisted By: \_\_\_\_\_

5) Date of Brain Cutting: \_\_\_ / \_\_\_ / \_\_\_\_\_ 6) Hemisphere Examined:  Left  Right  Both

7) Neuropath Diagnostic Protocol:  NIA-Reagan  Other (Specify): \_\_\_\_\_

Section	Stain							Section
	H&E	Biel	Tau	Ubq	PHF-1	A $\beta$	KB	
Middle frontal gyrus (46)	√	√	√		√	√		4
Inferior parietal lobule (40)	√					√		8
Superior temporal gyrus (8)	√	√	√	√		√		6
Calcarine & visual cortex (17, 18, 19)	√	√	√			√		12
Anterior cingulated gyrus (24)	√	√	√	√		√		4
Posterior cingulated gyrus (23)	√	√	√			√		8
Periventricular white matter	√						√	8
Amygdala - substantia innominata	√	√	√	√	√	√		6
Basal ganglia	√	√	√					5
Rostral hippocampus	√	√	√	√	√	√		7
Mid-hippocampus	√	√	√	√	√	√		8
Thalamus	√	√						7
Midbrain (with substantia nigra)	√	√	√	√				13
Pons (including locus ceruleus)	√	√	√	√				14
Medulla	√	√	√					15
Cerebellum and dentate nucleus	√	√	√					16

*Stained sections additions / deletions comments*

## Neuropath Final Report

## Neuropath Final Report

### Vascular Findings

9) Atherosclerosis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Location
	N/D	Normal	Mild (0-25%)	Moderate (26-60%)	Severe (>60%)	
10) Arteriosclerosis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Location
	N/D	None	Hyalization	Perivascular widening	Gliosis in white matter	
11) Micro Infarcts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Location	
	N/D	No	Yes. Single Field	Yes. Multiple Fields		
12) Lacunes (small)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Location	
	N/D	No	Yes. Single Field	Yes. Multiple Fields		
13) Large Infarcts (>1cm)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Location	
	N/D	No	Yes. Single Field	Yes. Multiple Fields		
14) Amyloid Angiopathy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Location	
	N/D	No	Yes. Single Field	Yes. Multiple Fields		
15) Other Vascular Comments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Location	
	N/D	No	Yes. Single Field	Yes. Multiple Fields		

*Other Vascular Comments*

## Neuropath Final Report

## Neuropath Final Report

### Cellular Findings

16) Granulovacuolar Degeneration	<input type="checkbox"/> N/D	<input type="checkbox"/> None	<input type="checkbox"/> < 9%	<input type="checkbox"/> >= 9%	Location
17) Neuron Loss/Gliosis	<input type="checkbox"/> N/D	<input type="checkbox"/> No	<input type="checkbox"/> Yes. Single Field	<input type="checkbox"/> Yes. Multiple Fields	Location
18) Pick Bodies	<input type="checkbox"/> N/D	<input type="checkbox"/> No	<input type="checkbox"/> Yes. Single Field	<input type="checkbox"/> Yes. Multiple Fields	Location
19) Lewy Bodies	<input type="checkbox"/> N/D	<input type="checkbox"/> No	<input type="checkbox"/> Yes. Single Field	<input type="checkbox"/> Yes. Multiple Fields	Location
20) Achromasic Neurons	<input type="checkbox"/> N/D	<input type="checkbox"/> No	<input type="checkbox"/> Yes. Single Field	<input type="checkbox"/> Yes. Multiple Fields	Location
21) Microvacuolar Changes	<input type="checkbox"/> N/D	<input type="checkbox"/> No	<input type="checkbox"/> Yes. Single Field	<input type="checkbox"/> Yes. Multiple Fields	Location
22) Spongiform Changes	<input type="checkbox"/> N/D	<input type="checkbox"/> No	<input type="checkbox"/> Yes. Single Field	<input type="checkbox"/> Yes. Multiple Fields	Location
23) Other Cellular Comments	<input type="checkbox"/> N/D	<input type="checkbox"/> No	<input type="checkbox"/> Yes. Single Field	<input type="checkbox"/> Yes. Multiple Fields	Location

*Other Cellular Comments*

## Neuropath Final Report

## Neuropath Final Report

### Braak Staging

(Circle those that apply)

Tangle Staging PHF-1 immunocytochemistry			Plaque Staging Bielschowsky and A $\beta$ Immunocytochemistry	
Region	Tangles		Region	Plaques
24) Amygdala	N/D 0 $\pm$ + ++ +++		34) Amygdala	N/D 0 $\pm$ + ++ +++
25) CA1	N/D 0 $\pm$ + ++ +++		35) CA1	N/D 0 $\pm$ + ++ +++
26) Subiculum	N/D 0 $\pm$ + ++ +++		36) Subiculum	N/D 0 $\pm$ + ++ +++
27) B28 Pre-alpha	N/D 0 $\pm$ + ++ +++		37) B28 Pre-alpha	N/D 0 $\pm$ + ++ +++
28) B28 Pri-alpha	N/D 0 $\pm$ + ++ +++		38) B28 Pri-alpha	N/D 0 $\pm$ + ++ +++
29) Trans-entorhinal	N/D 0 $\pm$ + ++ +++		39) Trans-entorhinal	N/D 0 $\pm$ + ++ +++
30) Frontal (MF)	N/D 0 $\pm$ + ++ +++		40) Frontal (MF)	N/D 0 $\pm$ + ++ +++
31) Parietal (IP)	N/D 0 $\pm$ + ++ +++		41) Parietal (IP)	N/D 0 $\pm$ + ++ +++
32) Temporal (ST)	N/D 0 $\pm$ + ++ +++		42) Temporal (ST)	N/D 0 $\pm$ + ++ +++
33) Occipital	N/D 0 $\pm$ + ++ +++		43) Occipital	N/D 0 $\pm$ + ++ +++

*N/D indicates "Not Determined"*

44) Braak Tangle Stage:	O   I   II   III   IV   V   VI
45) Braak Plaque Stage:	O   A   B   C

## Neuropath Final Report

## Neuropath Final Report

### Neuropathological Diagnosis

Final Neuropathological diagnosis of conditions contributory to "Dementia".

Tissue meets the published standardized criteria for each diagnostic category shown.

More than one diagnosis may be present in an individual.

Multiple diagnoses are ranked as either primary cause (1), or secondary cause (2) if more than one is present. If the pathologist is unable to differentiate the primary cause in the case of multiple diagnoses they will indicate that by selecting multiple primary causes (1).

#### Diagnosis Selection List (Dx's List # entered as item 46, 47, 48, 49...Max 4 Dx's)

1		Normal (no pathology detected)	16		Diffuse Lewy body disease
2		Normal (mild Braak changes)	17		Progressive Supranuclear Palsy
3		Normal (mild vascular changes)	18		Other Parkinsonism
4		Alzheimer's disease	19		Creutzfeldt-Jakob disease
5		Trisomy 21 (no AD present)	20		Hippocampal Sclerosis
6		Trisomy 21 (AD present)	21		Multiple Sclerosis
7		Pick's disease	22		Infection
8		Frontotemporal dementia	23		AIDS
9		Huntington's disease	24		Metabolic Dementia
10		Vascular Dementia	25		Toxic/Drug-induced Dementia
11		Vascular Dementia (solitary infarct)	26		Nutritional deficiency (e.g. B12 or ethanol)
12		Vascular Dementia (multiple infarctions)	27		Neoplasia (e.g. limbic encephalitis)
13		Vascular Dementia (amyloid angiopathy)	28		Trauma
14		Vascular Dementia (other)	29		Corticobasal Degeneration
15		Parkinson's disease	30		Other (enter diagnosis in comment field)

*Neuropathological Diagnosis Comments:*

### Ancillary Findings

Additional pathological findings not specifically contributing to dementia but which were present within the tissue.

More than one finding may be present in an individual. There is no ranking of findings if more than one is present.

50)  Yes  No – Were there Ancillary Findings (if yes, check all that apply)

51	<input type="checkbox"/>	Atherosclerosis	60	<input type="checkbox"/>	Neoplasia (e.g. limbic encephalitis)
52	<input type="checkbox"/>	Arteriolar Sclerosis	61	<input type="checkbox"/>	Trauma
53	<input type="checkbox"/>	Solitary infarct	62	<input type="checkbox"/>	Normal pressure hydrocephalus
54	<input type="checkbox"/>	Multiple infarctions	63	<input type="checkbox"/>	Nerve cell loss
55	<input type="checkbox"/>	Hemorrhage	64	<input type="checkbox"/>	Gliosis
56	<input type="checkbox"/>	Hypoxia	65	<input type="checkbox"/>	Multiple sclerosis
57	<input type="checkbox"/>	Ischemic cell changes	66	<input type="checkbox"/>	Neoplasm (Cancer)
58	<input type="checkbox"/>	Pervasive white matter rarefaction	67	<input type="checkbox"/>	Meningitis
59	<input type="checkbox"/>	Infection	68	<input type="checkbox"/>	Other (enter comments in the field below)

*Ancillary findings Comments:*

## Neuropath Final Report