PRIMARY PROGRESSIVE APHASIA (PPA)

OCTOBER 9, 2003 Memory Disorders Research Society Chicago

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### Definition of Primary Progressive Aphasia (PPA)

PPA is characterized by a progressive impairment of word usage and comprehension.

Memory, personality, movement, face and object recognition remain relatively preserved for at least the first 2 years.

# Core Features of PPA

- ₩ Naming deficits (anomia)
- Impaired fluency: word- finding pauses
- 🗱 Agrammatism
- 🗰 Impaired comprehension of word meaning

# These features can be dissociated; any one is sufficient for diagnosis. PPA can be fluent or non-fluent.



# The Core and Halo of PPA

Core Features (Language-Based) Boundary Features

- Impaired fluency: word-finding pauses
   Agrammatism
   Impaired comprehension of word meaning
- Naming deficits (anomia)

- Dysarthria
  Idiomotor Apraxia
- Dyscalculia
- Visual recognition deficits "Executive" dysfunction
- Poor memory for words-but event memory is preserved.











MRI and 2-DG PET in Patient with PPA Onset at Age 42 (M. Sc.).



### Dementia and Gentatic

Semantic Dysfunction in Frontotemporal Lobar Degeneration Julie S. Snowden

Key Words Semantic dementia · Word Meaning · Object recognition · Temporal lobes

Abstract Semantic dementia, characterized by loss of word mean-ing and impaired face and object recognition, is one of the clinical manifestations of frontotemporal lobar de-generation and is associated with atrophy of the inferior and middle temporal gyrl. Patients may present predom-inantly with problems in naming and understanding words, or in face and object recognition, the verbal or nonverbal predominance reflecting the accent of darophy on the left or right temporal lobe. Behavioural changes

In frontotemporal dementia (FTD) [1-prominent feature is character change an social conduct, instrumental functions c visual perception are relatively inster. Pat progressively less as part of their general i-namia and eventually become mute, yet t no evidence that they have difficulty um neaning of words or in recognizing objec contrast, some patients with focal cerebr [5-7] in whords or in frontal lobes in with feature is a profound loss of semantic k may include loss of the ability to underst.

Introduction











