



Synchronizing Science & Support 14th Annual Conference on Alzheimer's Disease & Related Disorders



Is it Dementia?

If so, what kind of dementia?

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Overview
Cognitive Impairment / Dementia
Types of Dementia
Case Review
Interventions for Dementia Behavior
Non – Pharmacology
Interventions for Dementia Behavior
Pharmacology



Cognitive Impairment
Delirium
Drug Toxicity
Metabolic Changes
Thyroid Disease
Subdural Hematoma
NPH (Normal Pressure Hydrocephalus)



Delirium



Drug Toxicity



Metabolic
Changes



Thyroid Disease



Subdural
Hematoma



NPH (Normal
Pressure
Hydrocephalus)



Dementia
Alzheimer's
Lewy Body Dementia
Parkinson's Dementia
Vascular
Frontal Temporal



Alzheimer's

- Memory (short term progresses to long term)
- Language
- Agitation / Irritability
- Delusions (people steal things, spouse unfaithful)
- Indifference (social withdrawal)
- Visual-spatial disturbance (date, time, place)
- Decreased insight



Lewy Body Dementia

- Dementia before motor symptoms
- Impaired self care skills (bathe, toilet, stand and walk independently, eat, brush teeth)
- Rapid progression (? Literature conflicts)
- Attention and concentration fluctuates
- Recurrent visual hallucinations / delusions
- Repeated falls and syncope
- Transient loss of consciousness
- Depression
- ❖ Sensitive to neuroleptics (Haldol, Thorazine, Prolixin)



Parkinson's Dementia

- Motor skill impaired before dementia
- Memory impaired / Language impaired
- Visuo-spatial function impaired
- Executive function impaired
- Reduced attention
- Hallucinations (often drug induced)
- Delusions
- Apathy



Vascular

Stroke with obvious impairment

Abrupt onset

Motor signs

Aphasia

Multiple "mini strokes"

Gradual onset

Symptoms depend on infarct areas



Frontal Temporal

Personality changes

Executive dysfunction

Hyperorality

Visual-spatial preserved



Sitting on the side of the road waiting to catch speeding drivers, a state trooper sees a car puttering along at 22 mph. He thinks to himself, "This driver is as dangerous as a speeder!"

So he turns on his lights and pulls the driver over. Approaching her car, he notices that there are five elderly ladies - two in the front seat and three in the back, wide-eyed and white as ghosts. The driver, obviously confused, says to him, "Officer, I don't understand. I was going the exact speed limit. What seems to be the problem?"

The trooper trying to contain a chuckle, explains to her that 22 was the route number, not the speed limit. A bit embarrassed, the woman grinned and thanked the officer for pointing out her error. "But before you go, Ma'am, I have to ask, is everyone in this car OK? "These women seem awfully shaken."

"Oh, they'll be all right in a minute, officer. We just got off Route 127!"



General Treatment

Specify and quantify target behaviors

Maximize and maintain function of person

Establish and maintain alliance with person and family

Intervene to decrease hazards of wandering



Non-pharmacologic Interventions

Improve function

Schedule toileting

Help as little as possible, positive reinforcement to increase independence

Problem Behavior

Music during meals

Walking or exercise

Family presence (video, audio tapes)

Pet therapy

Bright lights, ("white" noise)

Speak at person's level of understanding





Pharmacologic Interventions
 Cholinesterase Inhibitors
 Aricept, Exelon, Razadyne
 Namenda
 Antidepressants
 New to market recently
 Medical Foods
 Axona
 Cerefolin NAC

Antipsychotics
 Seroquel – quetiapine oral
 Geodon - ziprasidone HCl oral tablets & IM
 Abilify - aripiprazole oral tablets & liquid, disintegrating tablets, IM
 Zyprexa - olanzapine oral, IM, disintegrating tabs
 Risperdal - risperidone oral tablets & liquid, consta, M-tabs

Pain medication
 Tylenol ☺ ☀
 Maximum 4 gm / 24 hours

Narcotics ☹ ☁

Antihistamines
 ➤ Confusion

Case for Discussion

M.J. brought to clinic by family who note following concerns: Patient driving erratic, always been very safe and careful driver. Earlier when daughter rode with patient, patient drove 50 through town where speed limit is 25. When shopping clerk told patient amount of purchase was 27.63, patient wrote check for 93.64. Last month patient attended a "retirement investing" dinner and changed retirement funds and lost \$300,000.



Case for Discussion

T.K. brought to clinic by family patient reports I am here because my family thinks I have memory problems. I think my memory is good and I am 78 years old. Patient reports I am concerned because someone is stealing my linens and jewelry. When asked today date patient states today is July 4, 1997. Patient tells NP we just returned from Florida last week, we go there for the winter have been doing that for years.



Case for Discussion

R.H. brought to clinic by family report difficulty walking for several years. Sometimes wakes up stiff and difficult to move in mornings. Now patient has lost interest in activities, and life in general. Lately last few weeks more problems with memory and making decisions. Could not correctly place order for items needed for family farm when at store, incorrectly calculated quantity of seed and fertilizer needed.



Case for Discussion

H.P. brought to clinic by family patient having hallucinations, sees little animals in backyard, one animal caught in bush needs help fell getting out door to help animal. Needs help to go to bathroom, get dressed, brush teeth. First had problems with hallucinations (animals in backyard), now also motor skills when walking falls often.





Thank you
for your attention
and participation

