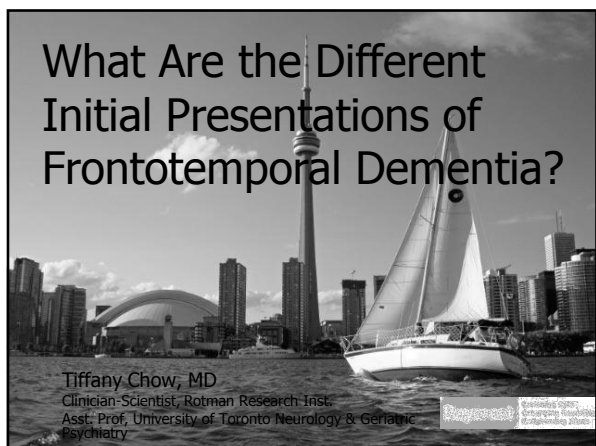



# What Are the Different Initial Presentations of Frontotemporal Dementia?



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## 2 Major Presentations

<p><b><u>Behavioural</u></b></p> <ul style="list-style-type: none"> <li>• Frontal or temporal</li> <li>• “Disinhibited vs. apathetic”</li> </ul>	<p><b><u>Language</u></b></p> <ul style="list-style-type: none"> <li>• Generally left-sided</li> <li>• Frontal: ↓ speech output</li> <li>• Temporal: ↓ content</li> </ul>
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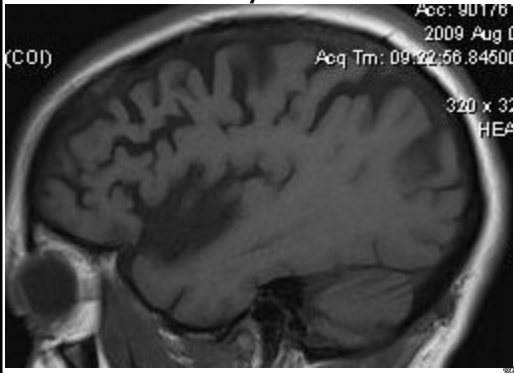




## Video Clips to be Shown

1. Behavioural variant FTD – vocalizations
2. Behavioural variant FTD – disorganized and illogical
3. Progressive non-fluent aphasia with bulbar amyotrophic lateral sclerosis
4. Prog non-fluent aphasia
5. Semantic dementia




## Perisylvian Area

Prog Non-fluent Aphasia  
 Semantic Dementia

<p><b><u>Behavioural</u></b></p> <ul style="list-style-type: none"> <li>• Location determines types of behaviours seen</li> <li>• Language can also be affected</li> </ul>	<p><b><u>Language</u></b></p> <ul style="list-style-type: none"> <li>• Location determines types of language impairment seen</li> <li>• Behaviour is typically also affected, but may not be an early finding</li> </ul>
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*How does the Dr. give a prognosis?*






### Causes: Abnormal Proteins tauopathy or TDP-43 or FUS?

<p><b><u>Behavioural</u></b></p> <ul style="list-style-type: none"> <li>• Tauopathy:             <ul style="list-style-type: none"> <li>- Corticobasal syndrome</li> <li>- Prog supranuclear palsy</li> <li>- Right temporal FTLD-tau</li> </ul> </li> <li>• TDP-43 and FUS:             <ul style="list-style-type: none"> <li>- Esp if complicated by ALS</li> </ul> </li> </ul>	<p><b><u>Language</u></b></p> <ul style="list-style-type: none"> <li>• Tauopathy:             <ul style="list-style-type: none"> <li>- Prog non-fluent aphasia</li> <li>- Corticobasal syndrome -&gt; PNFA</li> </ul> </li> <li>• TDP-43:             <ul style="list-style-type: none"> <li>- Semantic Dementia</li> <li>- PNFA/bulbar ALS</li> </ul> </li> </ul>
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### PSP, on the other hand

- Dudley Moore
- Parkinson's disease but more upright
- LOTS of falls
- Abnormal eye movements
- Can look like corticobasal syndrome




Dr., could it be \_\_\_\_ instead?


- frontal variant of Alzheimer's/ "difficult personality"
- ADHD
- Early onset AD
- CADASIL
- HSV encephalitis
- MCI
- Mood disorder, stress reaction
- Parkinsonian syndromes
- Substance Abuse



### Mortality

- ❑ 2 yrs: Creutzfeldt-Jakob disease
- ❑ 2-20 yrs: Vascular Dementia
- ❑ "6"-10 yrs: Frontotemporal Dementia, Corticobasal syndrome, PSP
- ❑ Longer: Primary Progressive Aphasias & Dementia with Lewy bodies
- ❑ Longest, 13-20 yrs: Alzheimer's disease +/- cerebrovascular disease





### Special Thanks to

- Patients, Study Participants and their Families
- AV at Baycrest (Benny Kierdal)

For other caregiver education, see  
[www.rotman-baycrest.on.ca/index.php?section=204](http://www.rotman-baycrest.on.ca/index.php?section=204)

