

Professional Education at UCSF

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Goals/Reasons for presentation

- **Important way to impact dementia care**
- **Methods/approaches not published**
- **Similar educational needs**
 - Different approaches at different centers
- **Share-able materials being developed**
 - Could be used across centers

Educational cohorts

- **Students**
 - Medical
 - Nursing
 - Pharmacy
- **Residents**
 - Neurology
 - Neuropsychiatry requirement
 - Psychiatry
- **Fellows**
 - Behavioral neurology
 - Geriatrics

Core Professional Education

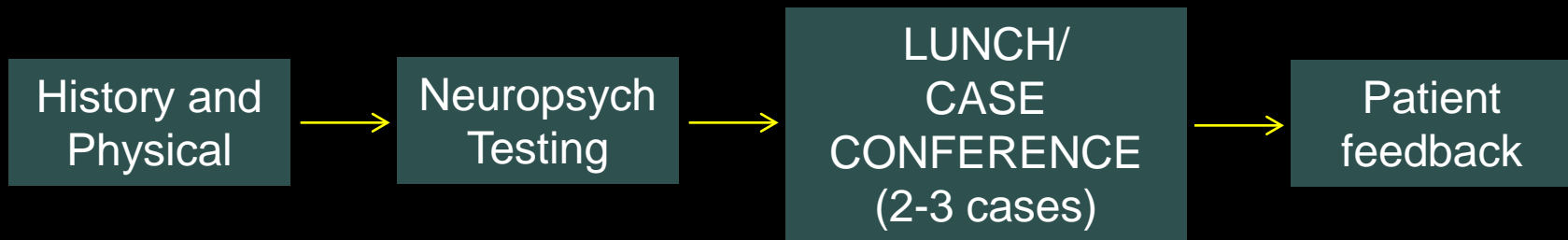
- **Month-long rotation**
 - **Clinical exposure**
 - **Didactics**
- **UCSF approved elective**

Core Professional Education

- **Clinic**

- **Friday new patient evaluations**

- **One day, multidisciplinary evaluation**
- **Mid-day case conference**



- **Alternate evaluation, less complex**

- **Brief bedside evaluation**

- **Research Exposure**

- **Program project on FTD**
- **FTD, PPA, AD (atypical), CBD, PSP**

Didactics

The UCSF Neurobehavioral Rotation provides an opportunity for medical students (neurology elective), neurology residents (neuropsychology rotation) and psychiatry interns (neurology rotation) to explore brain-behavior relationships in neurodegenerative disorders.

TOPIC OUTLINE

The **UCSF Neurobehavioral Rotation** at the [Memory and Aging Center](#) provides an opportunity for medical students (neurology elective), neurology residents (neuropsychology rotation) and psychiatry interns (neurology rotation) to explore brain-behavior relationships in neurodegenerative disorders. Rotators receive instruction on dementia subtypes, cognitive assessment, psychopharmacology and neuropathology. To apply this knowledge, students participate in multi-disciplinary clinics, during which they observe and perform neurobehavioral histories and examinations. Clinicians provide feedback and guidance, supplementing differential diagnoses and plans for intervention. Rotator supervision and evaluation is provided by [Bruce Miller, MD](#) and [Gil Rabinovici, MD](#).

For more information on this program and other professional education, please [see our website](#), call (415) 476-6880 or [email us](#).

Please remember to check the calendar for scheduled didactic sessions and clinical sessions.

CALENDAR

September 2011

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

Events Key

Global	Course
Group	User

UCSF MAC VIDEOS & LECTURES

- Orientation/Calendar
- Lectures
- Reading materials

Didactic Lectures

- **Currently 12 lectures**
- **Slides on-line**
- **Videotaped**

[main_behav_neuro_page.php.htm](#)

Reading lists

- **Required (14)**
- **Additional readings (many)**

[reading_list.php.htm](#)

Behavioral neurology videos

- **Currently around 80 videos**
- **Findings difficult to describe**
 - Language
 - Behavior
- **Memorable**



Behavioral neurology quiz

• Pre-test, post-test

Preview Post-course evaluation for medical students

Start again

Students will see this quiz in a secure window

1 

Marks: 1

A 75-year-old woman with dementia with Lewy bodies has mild parkinsonism, persistent bothersome visual hallucinations and delusions. Her medications are donepezil 10 mg daily and vitamin E. The best choice for targeting her psychosis is:

Choose one answer.

- a. Haloperidol (Haldol)
- b. Risperidone (Risperdal)
- c. Quetiapine (Seroquel)
- d. Clonazepam (Klonopin)
- e. Galantamine (Razadyne)

2 

Marks: 4

Identify the cognitive domain that is affected early or predominantly in the following disorders.

Alzheimer's disease

Choose... 


Dementia with Lewy bodies

Choose... 

Progressive non-fluent aphasia

Choose... 

Huntington's disease

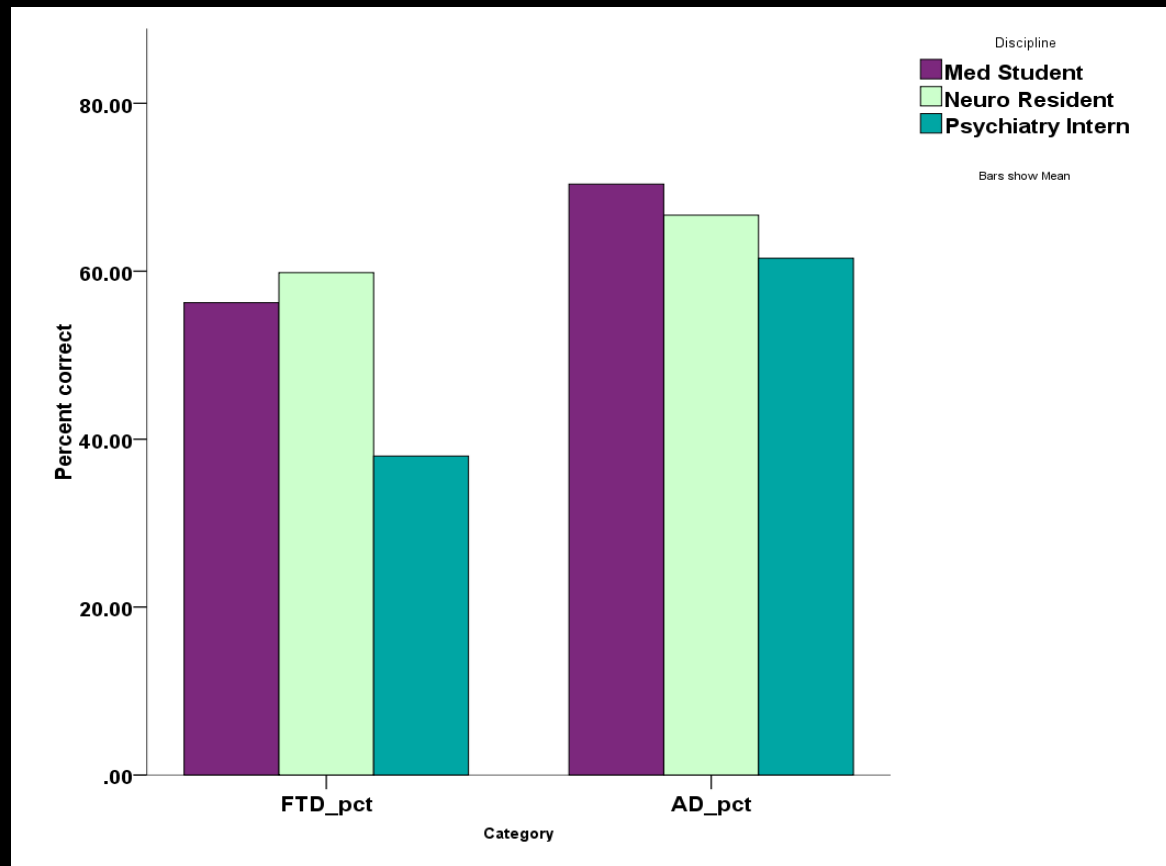
Choose... 

Behavioral neurology quiz

- **Pre-test, post-test**
- **On-line advantages**
 - Take anywhere (from home, or another state!)
 - Immediate feedback to student
 - Include videos, hi-res images
 - Automatic scoring

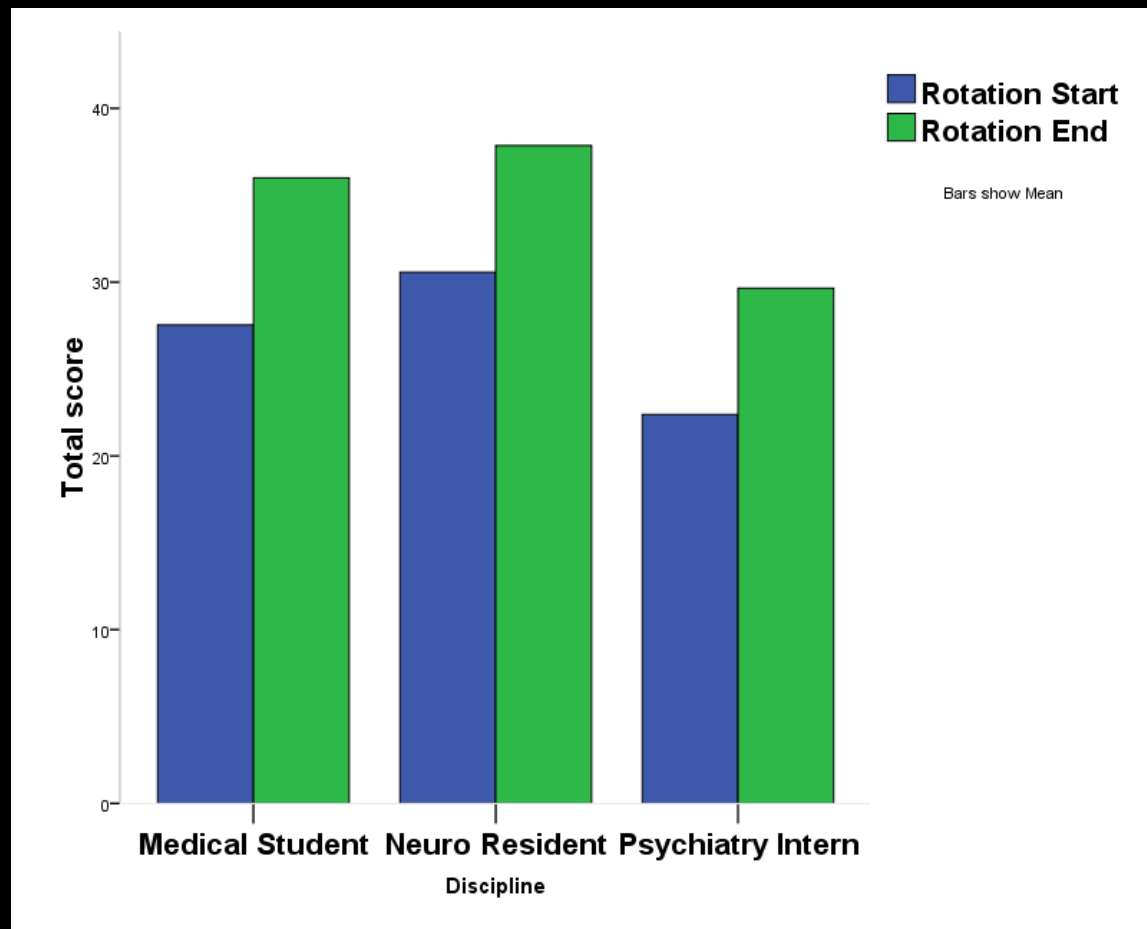
Tracking education

- Rotators know less about atypical than typical dementias



Tracking education: People learn things!

- **Scores improved post-rotation for all types of rotators**



Future plans

- **More extensive video library**
 - For behavioral neurology fellows
 - T32
- **Topics in dementia research and care**
 - Dementia syndromes
 - Domains of cognition/neuroanatomy
 - Neuroimaging techniques
 - Statistics
 - Ethics/genetics
- **Video/upload**

How could we share

- **Welcome rotators at UCSF**
- **Organize login and use of materials via UCSF CLE at other centers**
- **Selective use of materials at their center using similar system**
 - E.g. quiz, lectures
- **Other ideas?**