

Non-Motor Symptoms in Parkinson's Disease 2020

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CONFLICTS OF INTEREST

- None relevant to this talk
- Medlink; Karger Press;
Cambridge University Press;
Concert Pharma

PARKINSON'S DISEASE

- PD is considered a movement disorder

BUT

It is really a movement and behavioral disorders with autonomic problems

NON-MOTOR SYMPTOMS

- Somatic
- Constipation
- Blood pressure
- Bladder
- Sweating
- Pain
- Skin
- Breathing
- Runny nose
- Behavior
- Depression
- Anxiety
- Fatigue
- Sleep
- Hallucinations
- Dementia
- Compulsivity
- Apathy

PAIN

- PD patients have more pain
 - Due to "usual" problems
 - Due to PD itself

AUTONOMIC PROBLEMS

- What is the autonomic nervous system?
- It controls unconscious processes
 - Blood pressure
 - Bowels
 - Bladder
 - Sweating
 - Heart rate

ORTHOSTATIC HYPOTENSION

- Drop in blood pressure on standing up
- Leads to lightheadedness, faints and falls.
- Often with supine (lying down) high blood pressure

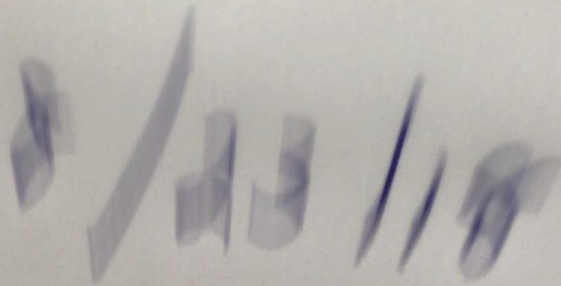
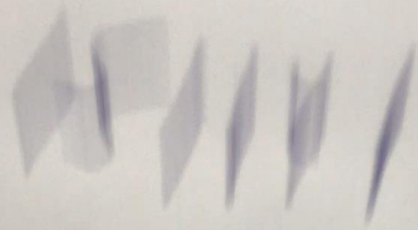
DEMENTIA

- Decline in memory and thinking
- Different than Alzheimer's disease
- Associated with other behavior problems

DEPRESSION AND APATHY

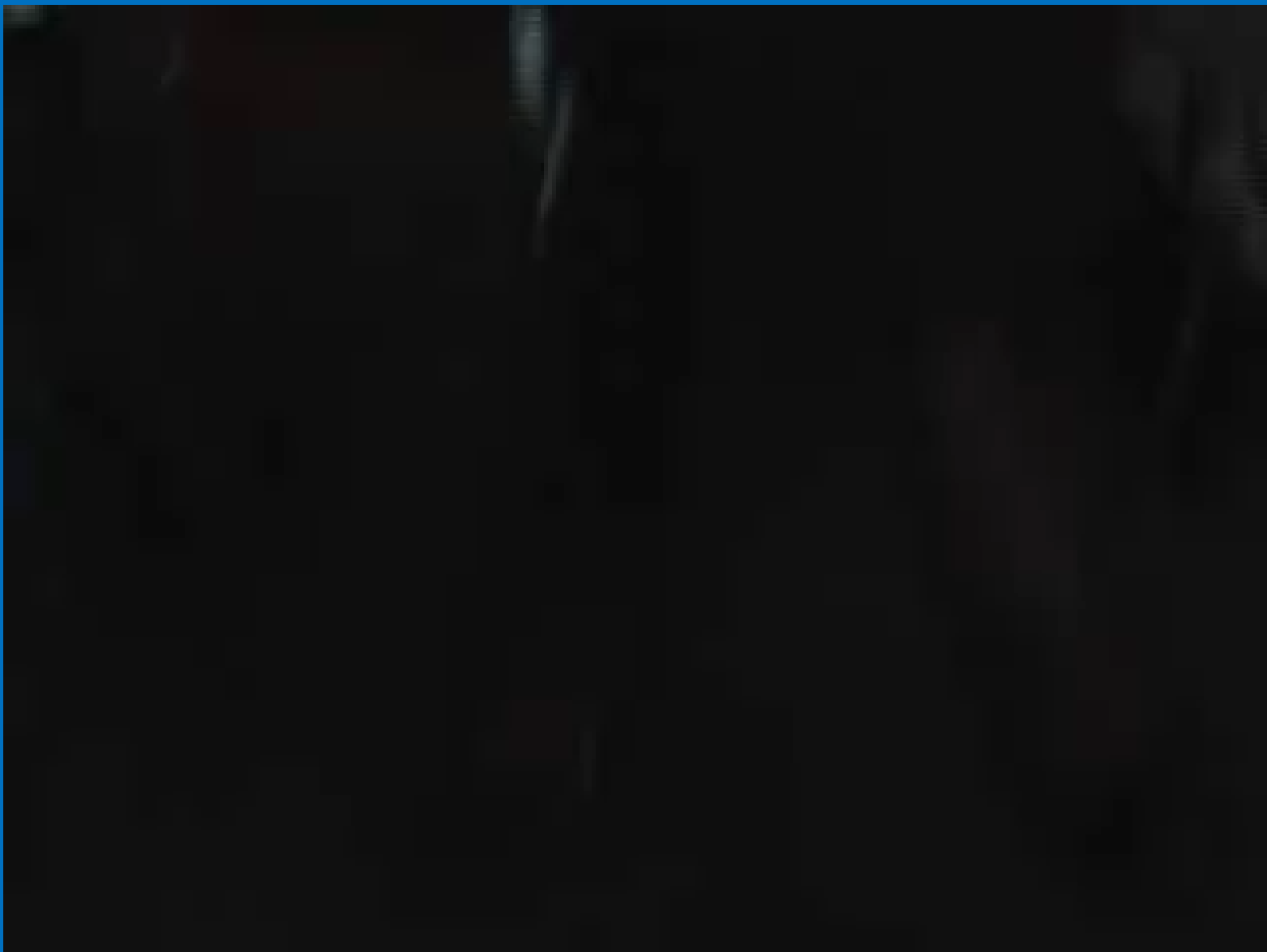
- Depression
 - Sad, blue, lack of enjoyment
 - Irritable; sleep disturbances
- Apathy
 - Lack of motivation
 - Lack of emotion

Visual and
tactile
hallucination



HALLUCINATIONS AND DELUSIONS

- Hallucinations
 - Visual, auditory, tactile, smell, taste
 - Sense of “presence”
- Delusions
 - False beliefs



ICD Interview on gambling

COMPULSIVE BEHAVIORS

- Often labelled as ICD (impulse control disorders)

Gambling

Hypersexuality

Hobbyism

Collecting

Binge eating

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Dr. Freidman

I very much enjoyed your presentation about the brain although it was pretty gross. When you were talking about it I thought to myself how could someone actually touch something like that.

But it's your job you have to do it. If I had a choice between that job and another I think I would stick with the other. But I enjoyed your presentation very much. And Thank you again.

sincerely yours,

Julie Richards

end