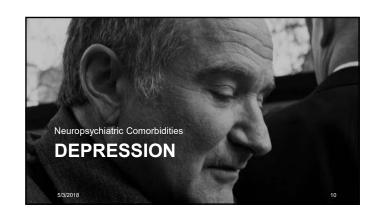


Consequences of untreated
Neuropsychiatric Disorders

Increased mortality and medical complications
Reduced quality of life
Reduced functional independence (for ADLs and iADLs) and cognition
Reduced medication adherence
Increased financial burden and cost
Possibly increased disease progression

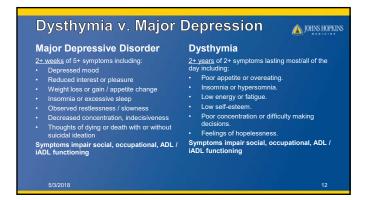


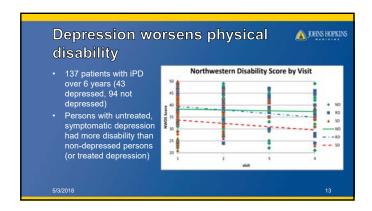
Recognizing Types of Depression (Major Depression)

There are many types of "depression"

The majority of persons with iPD will have some depression

Minor depression may not need antidepressants



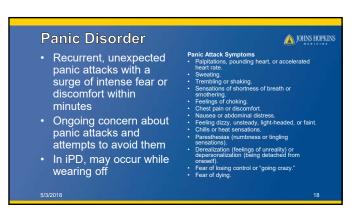


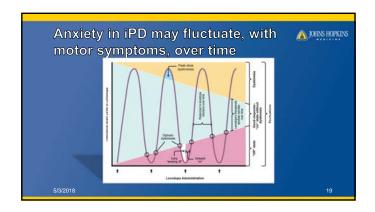
Key Points about Depression • Depressed individuals are less likely to perform ADLs, iADLs or participate in rehabilitation • Ideally, depression should be treated concurrently or prior to rehabilitation to maximize benefit • Persons with depression may feel in appropriately / excessively bleak about their future



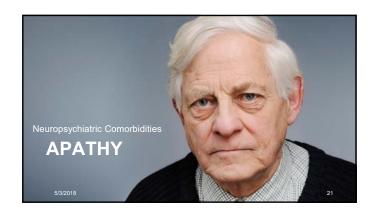


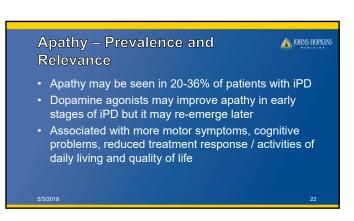


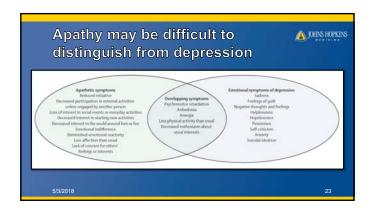


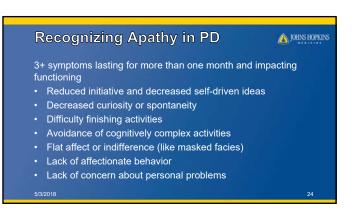




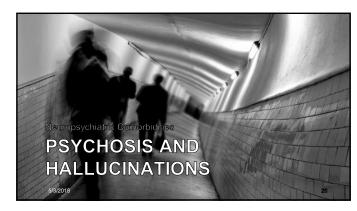


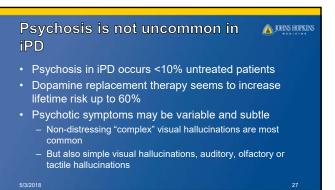


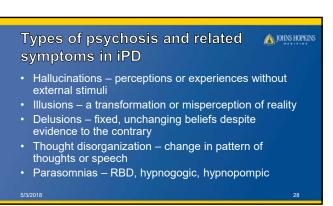












How to help someone experiencing psychosis

Do Do NOT

• Listen nonjudgmentally

• Unconditional positive regard

• Speak slowly and simply

• Positive & Encourage

• Contact Physician

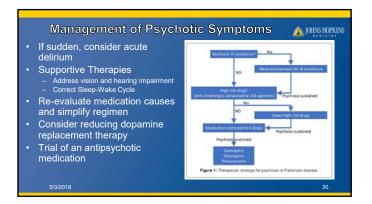
• Do NOT

• Panic or overreact

• Buy into or use the hallucinations

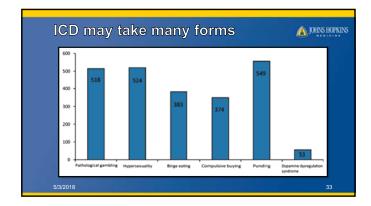
• Focus on medication, treatment or diagnosis

• Threaten





Clinical Presentation of Impulse Control Disorders (ICD) ICDs are behaviors that are performed repetitively, excessively and compulsively which interfere with functioning ICDs have been associated with dopamine agonists and levodopa iPD specific disorders include: punding, hobbyism, walk-abouts and hoarding Rates of ICDs vary from 3-20%



Dopamine Dysregulation Syndrome
(DDS) and ICD Management
Implications

DDS is a disorder with an addictive pattern of taking extra dopamine than necessary to control symptoms

Essential to recognize and identify symptoms

Ongoing monitoring and consider reduction of dopamine replacement therapy

CBT and relaxation techniques may also be effective in these disorders



iPD leads to frontal and subcortical cognitive problems

• Dysexecutive symptoms include difficulties with:

- Planning tasks or preparing for future problems

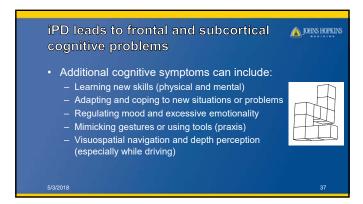
- Recognizing mistakes and how to fix them

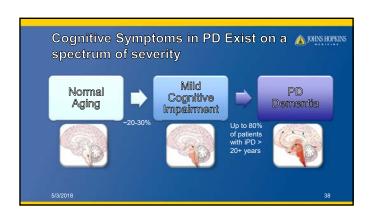
- Efficient short-term memory and remembering quickly

- Shifting or sustaining attention especially multitasking

- Verbal fluency and vocabulary (word-finding, pauses)

- Motivation and initiative





Tips to manage cognitive issues

• Environmental modifications

- Reduce clutter and distractions

- Well lit, quiet environments

• Task modification

- Breakdown complex tasks into approachable pieces

- Utilize lists and visual cues

- Timers and reminders

Tips to manage cognitive issues
Some deficits may improve during ON states
Reduce complexity of verbal language and instructions
Pay attention to nonverbal language
Utilize automation when possible



Take Home Points
 Depression, anxiety, apathy, impulse control disorders and psychosis are common comorbidities of Parkinson Disease
 Neuropsychiatric comorbidities may be seen earlier and cause more disability than motor symptoms of PD
 Support "executive" abilities to improve cognitive dysfunction

