### PARKINSON'S DISEASE (PD) IS MORE THAN MOTOR SYMPTOMS.

In fact, ~50% of patients with PD may experience hallucinations or delusions over the course of their disease, but ~90% of patients don't proactively tell their physician about it.<sup>1-3</sup>

### HAVE YOU CONSIDERED PARKINSON'S DISEASE PSYCHOSIS?

# POTENTIAL IMPACT OF HALLUCINATIONS AND DELUSIONS<sup>4-9</sup>

- Reduced quality of life for patients
- Increased caregiver burden, cost of care, risk of hospitalizations, and placement in long-term care facilities

## **EVALUATE RISK FACTORS OF PD PSYCHOSIS**<sup>1,2,10,11</sup>

- Older age
- Longer duration of PD
- Greater severity of disease
- Presence of dementia, sleep disturbances, and depression

# IDENTIFY EARLY SIGNS OF HALLUCINATIONS AND DELUSIONS<sup>12-14</sup>

- Often starts with minor phenomena like illusions, false sense of presence or passage
- May progress to fully-formed symptoms like hallucinations and delusions

#### **RESULTS OF A RECENT SURVEY**

Caregivers (n=357) are 2 to 4 times more likely than patients (n=216) to recognize the presence of hallucinations and delusions and may provide important insight into your patients' condition.<sup>15\*</sup>

If your patient with PD is experiencing recurring hallucinations or delusions like any of the examples below, they may be experiencing hallucinations and delusions associated with PD.<sup>13</sup>

#### **HALLUCINATIONS**<sup>2,13</sup>

Abnormal perceptions without a physical stimulus that can involve any sensory modality. Examples include:



#### **VISUAL HALLUCINATIONS**

Seeing people (living or deceased) or animals



#### **AUDITORY HALLUCINATIONS**

Hearing voices or music



#### **OLFACTORY HALLUCINATIONS**

Smelling unusual odors



#### **TACTILE HALLUCINATIONS**

Feeling something touching or moving on the skin

#### **DELUSIONS**<sup>13,16,17</sup>

False, fixed idiosyncratic beliefs that are maintained despite evidence to the contrary. Examples include:



#### PERSECUTORY DELUSIONS

Believing someone is trying to harm, steal from, or deceive you



#### **JEALOUSY DELUSIONS**

Believing someone is cheating on you



#### **REFERENCE DELUSIONS**

Believing a song or TV show is speaking to you directly

Have you talked about symptoms of psychosis with your PD patients and their caregivers?

<sup>\*</sup>Survey was sponsored by Acadia Pharmaceuticals Inc. and conducted online with the PMD Alliance membership from March 19 to March 31, 2018. Seven hundred people responded to the survey. Of the respondents, 378 were care partners and 287 were people with Parkinson's disease. About 90% of the respondents reported having experience with non-motor symptoms in PD, including sleep problems (84%), cognitive symptoms (76%), anxiety (65%), depression (56%), hallucinations (40%) and delusions (23%). <sup>15</sup>

This tool was developed in collaboration with:







For additional information regarding PDP, please visit www.moretoparkinsons.com or our partner organizations' websites.

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