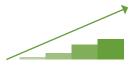
Considerations on the cost of illness in the US

Parkinson's disease (PD) is a complex, neurodegenerative disease¹



~1.2 million people are predicted to have PD by 2030 in the US²



As PD progresses,
OFF episodes may
emerge and can become
more frequent^{3,4}



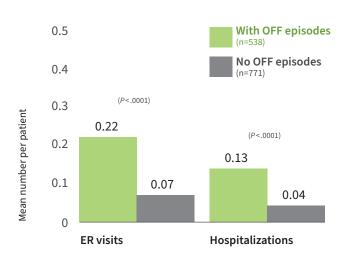
~50% of patients after 5 years of oral levodopa treatment will experience OFF episodes^{3,4}



OFF episodes may drive higher utilization of health care resources⁵

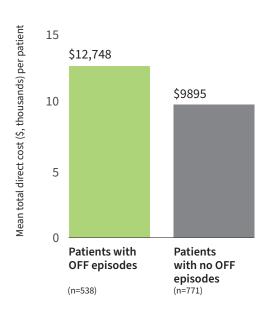
Patients with OFF episodes (vs without) had significantly higher health care resource utilization and direct costs*5

Patients with OFF episodes experienced ~3x more ER visits and hospitalizations than patients with no OFF episodes over 12 months



Patients experiencing OFF episodes

had significantly higher total direct costs over 12 months (P<.001)



Study description: In a real-world assessment of OFF episode-related health care resource utilization (HCRU), data were drawn from a survey of neurologists and their consulting patients with PD in the US (N=1309), mean age 68.8 years. Surveys were conducted from May to August 2017 and August to November 2019. Patient history and HCRU information for the preceding 12 months were obtained retrospectively through review of the medical records. Results were confirmed with regression analyses.

Limitations: OFF hours were reported by the neurologist based on information gathered through neurologist/patient encounters.

*Direct costs are those attributable to the medical care of a patient. ER, emergency room.

This study was sponsored by Sunovion Pharmaceuticals Inc.



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