

## **Agreement 17: Advanced Parkinson's Disease Care Pathway**

**Parties:** NeuroInnovations Inc. and French Regional Health Authorities **Country:** France **Disease Area:** Moderate to Advanced Parkinson's Disease **Agreement Overview:** This specialized neurological agreement addresses the progressive and debilitating nature of Parkinson's disease through an integrated care model. Targeting approximately 1,850 patients with H&Y stage 3-5 Parkinson's disease across multiple French regions, this contract incentivizes slowed disease progression, maintained functional independence, and improved quality of life. The agreement includes advanced therapies including deep brain stimulation, continuous dopaminergic infusion, and specialized rehabilitation approaches.

### **Financial Structure:**

- Annual patient funding: €22,600 per patient for comprehensive management
- Disease stage adjustment: Payment varies from €16,500 (stage 3) to €29,800 (stage 5)
- Outcomes-based components:
  - 20% linked to maintaining or improving PDQ-39 quality of life scores
  - 15% tied to preventing or delaying nursing home placement
  - 15% for reducing emergency hospitalizations by  $\geq 35\%$
- Advanced therapy provision: Supplemental €31,500 for eligible patients receiving device-based interventions
- Caregiver support funding: €3,800 annually per patient for respite care and support services
- Fall prevention incentive: €2,200 bonus per patient remaining fall-free for 6+ months
- Medication optimization: €1,500 incentive for reducing polypharmacy while maintaining symptom control
- Regional budget cap: Maximum €45 million annual expenditure with risk-sharing above threshold
- Social care coordination: €7.5 million fund for integration with municipal support services

**Duration:** 4 years with biennial reassessment of metrics **Special Provisions:**

- Multidisciplinary assessment by movement disorder specialists quarterly
- Specialized Parkinson's rehabilitation program (physiotherapy, occupational therapy, speech therapy)
- Advanced therapy assessment pathway for appropriate candidates
- Home safety evaluation and modification services
- Caregiver training and support program
- Palliative care integration for advanced disease stages
- Cognitive assessment and intervention for Parkinson's dementia
- Nutritional support program including dysphagia management

- Transportation assistance for medical appointments
- Telemedicine services for mobility-limited patients