MDG Forum

Devices and Combination Products for Neurodegenerative Diseases

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Neurodegenerative Diseases

- Alzheimer's disease (AD)
- Vascular Dementia (VaD)
- Frontotemporal Dementia (FTD)
- Amyotrophic lateral sclerosis (ALS)
- Friedreich's ataxia
- Huntington's disease (HD)
- Lewy body disease (DLB)
- Parkinson's disease (PD)
- Multiple Sclerosis (MS)
- Spinal muscular atrophy
Diagnostic Challenges

- Apathy
- Depression
- Anxiety
- AD
- FTD
- Parkinson’s disease
- Depression
- DLB
- Vascular dementia
Parkinson’s Disease

Deep Brain Stimulation
Assistive Aids for Parkinson’s

1. Cooking Tools
2. Eating Utensils
3. Bathroom Aids
4. Dressing Tools
5. Bedroom Aids
6. Writing Tools
7. Computer Gear
8. Voice Devices
9. Walking Aids
10. Organizing Tools
ALS

Communication and Movement Enabling Technologies
Chronic Pain

Neurostimulator

Spinal cord stimulation leads

Spinal cord stimulation device
Chronic Pain
Combination Product for Treatment of AD
Infusion Pump for Drug Delivery
Alzheimer’s Disease

Combination Product – Eye Scan with topical contrast agent
Opportunities

• Diagnostics (ie. Point-of-Care)
• Treatment (ie. Drug delivery)
• Assistive Technologies