1. **Hypokinetic Dysarthria**
   - damage to basal ganglia/extrapyramidal system
   - major sx - hypokinesia - reduced range of motion
   - primary population: Parkinson’s Disease (98%)

2. **Etiology**
   - Degenerative Disease
   - Medication side effects
   - illicit drugs

3. **Parkinson’s Disease**
   - common, progressive
   - onset - midlife
   - deficient neurotransmitter - dopamine
   - cell loss in substantia nigra
   - viral, traumatic or ideopathic

4. **Clinical Features**
   - resting tremor
   - rigidity
   - hypokinesia/bradykinesia
   - akinesia
   - stooped posture
   - situational variability
   - associated dementia - 1/3 to 1/2 cases

5. **Medical RX**
   - dopaminergic drugs
   - deep brain stimulation

6. **Patient Perception**
   - quiet voice
   - rapid, indistinct speech
   - inability to modulate voice

7. **Nonspeech Oral Sxs**
   - masked facies
   - AMR’s slowly initiated, rapidly performed
   - AMR’s markedly restricted in range

8. **Speech Characteristics**
   - Phonatory
   - Articulatory
• Prosodic

9. Best Distinguishing Features

• fast rate
• reduced stress
• short phrases
• monopitch
• monoloudness