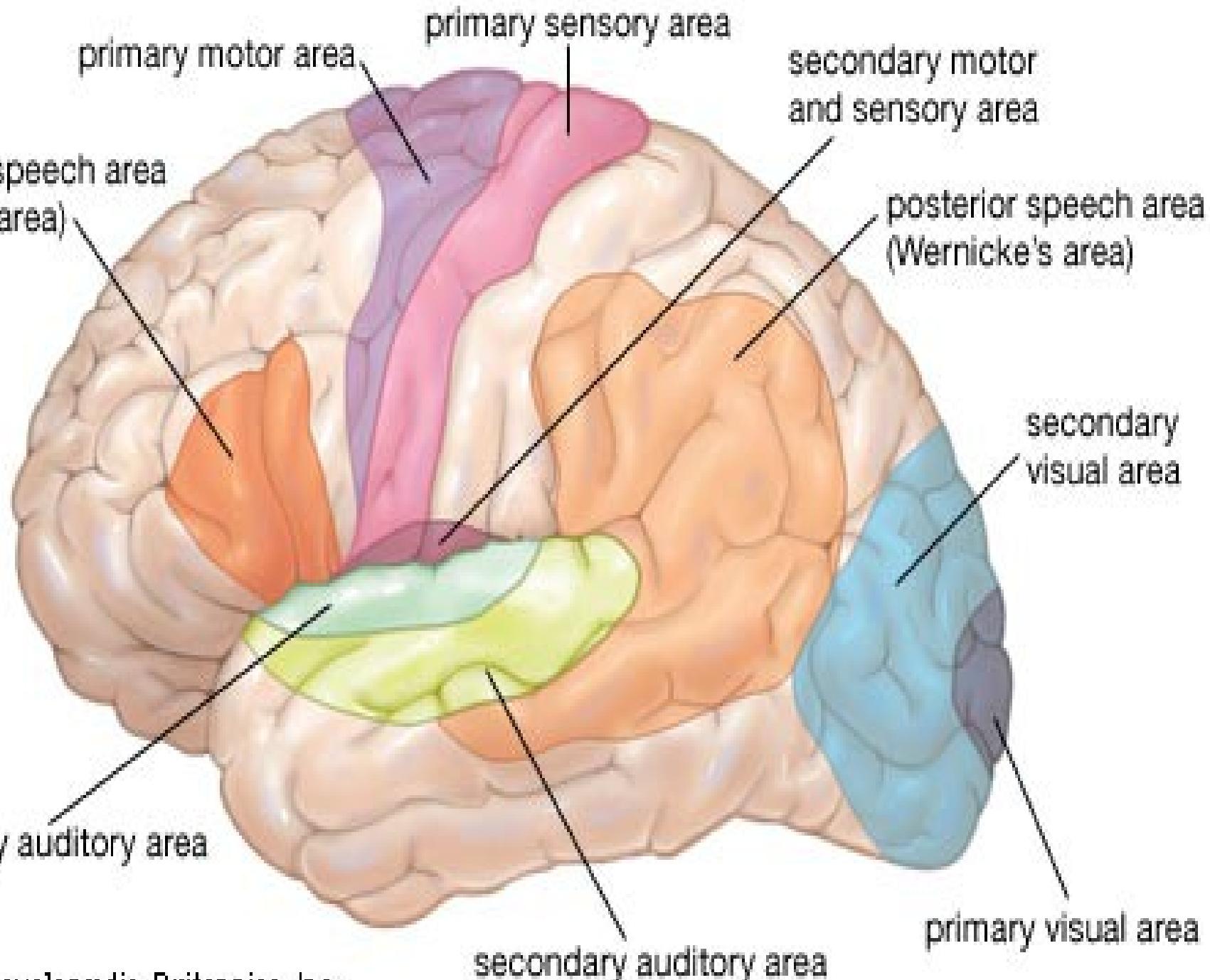


# **Speech Disorders**

**By  
Dr./ALAA SEDKY  
Lecturer Of Neurology**

# Physiology of speech



# Speech Disorders

- a) Disorders of perception
- b) Disorders of formulation
- c) Disorders of articulation

# **Gait Disorders**

**By**  
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- Normal Gait
- Gait Examination
- Gait Disorders

## 1. UMN

- a) Pyramidal (unilateral or bilateral)
- b) Cerebellar (unilateral or bilateral)
- c) Posterior column (stamping)
- d) extrapyramidal (PD- Chorea)

## 2. LMNL

- a) Myopathic
- b) Neuropathic