1 RHD - Attention deficits

2 Concept of Attention
   - basic cognitive process
   - limited resource, selectively allocated
   - some processing requires more, some less

3 Categories of Attention
   - Arousal: readiness to respond: fundamental
   - Orienting: directing attention toward stimulus
   - Vigilance: alertness for processing intermittent stimuli
   - Maintenance: sustaining attention over time
   - Selective: attend to some but not all

4 Role of RH in Attention
   - arousal system somewhat lateralized to RH
   - RH is particularly important for orienting
   - RH orients across spatial boundaries
   - RH plays a role in maintaining attention for vigilance

5 Attention Deficits
   - reduced arousal (hypoarousal)
   - effortful vigilance
   - selective attention deficits
   - restricted focus of attention
   - impacts cognitive and communicative performance