Five Characteristics of Anterograde Amnesia

1. selectively compromises LTM but not WM
   e.g., digit span of 7 +/- 2, but no learning
   past this limit in “extended digit span”
   e.g., HM’s “rifles – guns – rifles – guns” conversation

2. global, regardless of modality or material
   e.g., in Free Recall, Cued Recall, recognition,
   with visual, auditory, verbal, nonverbal, etc.

3. specific disruption in LTM – new facts and events
   e.g., mnemonic functions – episodic memory,
   P-A learning, learning names-faces, new vocabulary
   (animals: Morris water maze)

4. spares acquisition and expression of skilled performance
   motor learning (mirror reading/writing, pursuit rotor
   Tower of Hanoi, repetition priming, conditioning

5. information learned is inflexible, expressed only in limited contexts
   e.g., hyperspecific -- doesn’t transfer to new situation