Modified model (Andrewes, 2001)

RIGHT HEMISPHERE

Prosody
Coarse semantic encoding of theme

Articulation output system includes Broca’s area, cingulate/SMA and a circuit which includes the putamen and the face area

Anterior speech zone: Phonological system and planning of speech output

Thalamus

Arcuate fasciculus

Posterior speech zone: Auditory phonological system input and output

Posterior speech zone: Semantic system

Semantics for syntax

Direct route for reading and unconscious articulation

Auditory input: Heschl's gyrus

Visual input: Striate cortex