

Speech Production in Infancy

(See pp. 92-98 Owens, 2008)

⌘ First sounds are reflexive and vegetative

- ☑ ex. Cries, burps, coughs
- ☑ reflexive = not learned, not intentional
- ☑ vegetative = natural sounds of the organism
- ☑ approx. 0 - 2 months

⌘ Noncrying sounds = quasi-resonant nuclei (QRN)

- ☑ Not fully resonated sounds, differ from adult sounds
- ☑ Nasals, vowels

Speech Development cont'd

⌘ By 2 months, sounds begin to change

- (1) cries become varied
- (2) cooing/gooning emerges

⌘ Cooing

- ☑ sounds of pleasure and comfort
- ☑ mostly vowels
- ☑ some k, g "like" sounds

Babbling

⌘ Babbling (by 6 months)

- ☑ Random sound play, experimenting with sounds

⌘ Reduplicated Babbling

- ☑ Repeated consonant-vowel sequences
 - ☑ ex. mamamama, bababababa
- ☑ Speech characteristics:
 - ☑ Usually "front" consonants used, /m,p,b,t,d,n/
 - ☑ Mostly plosives, nasals, glides (approximants) /w, j/
- ☑ Basis may be rhythmic jaw movements
- ☑ Auditory self-monitoring begins by 8 months (impact on child with hearing impairment)

Babbling cont'd

⌘ Variegated Babbling (9-18 months)

☑ More varied consonants and vowels in CV strings

☑ ex. madagaba

☑ Also increasingly different syllable shapes

☑ ex. CVC, VCV

⌘ Progression of stages of babbling is not known

☑ May be more theoretical stages, not necessarily true of children

☑ Overlap is typical

Jargon

⌘ Jargon is long strings of sounds characterized by adult-like intonation patterns

⌘ 7-8 months old - jargon babbling

⌘ Also jargon increases between first words and 2-word utterances (12 - 18 months)

Pragmatic development (0-12 mos)

(See pp. 125-129, Owens, 2008)

⌘ Review Searle's Speech Acts

⌘ Speech Acts or Communicative Intentions

☑ Purposefully encoding a message for someone

☑ Requests, responses, greetings, etc.

⌘ Perlocutionary Stage (0-8 mos)

☑ Child not intentional, but care giver acts as if child is intentional

☑ Child changes from reflexive to intentional

☑ Reaching behavior

Stages in Early Communicative Function Development, cont'd

⌘ **Illocutionary Stage (8-12 mos)**

☒ Child uses gestures, eye gaze, and vocalizations to communicate intentionally

☒ Pointing

☒ Communicative functions become varied

⌘ **Locutionary Stage (12 mos begins)**

☒ Uses meaningful words to communicate

☒ Many communicative functions, adds greetings and politeness forms

Early Communicative Functions

⌘ **Protodeclarative** –

☒ Point out, showing, maintaining joint attention

☒ Like a comment, share information

⌘ **Protoimperative** –

☒ Control or manipulate others

☒ Like a question, command

☒ Request objects, people, actions
