Readings for Seminar in Cochlear Implants

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1. Simmons, "A history … " 2. House, "A personal..." 3. Seitz, "French origns ...."	**HISTORY**
4. Hinojosa and Marion, "Histopathology ..... " 5. Fayad, et al., "Histopathologic findings.." 6. Nadol: "Histopathology of cochlear implants .... "	**HISTOPATHOLOGY**
7. Kent and Reed, "Acoustic characterists of vowels ..... and consonants." 8. Rosen, "Temporal information in speech .... " 9. Dorman et al., "Factors accounting for high levels ....."	**ACOUSTICS**
10. Tyler, "Open set .... 3M/Vienna single-channel...implant." 11.Edgerton et al., "Cochlear implant performance ... MAC battery."	**SINGLE CHANNEL**
12.Dowell, R.," Speech recognition ... multichannel implants." 13.Tye-Murray, N. "Comparison of FOF2 and FOFlF2... 14.Tyler, et al. " FOFIF2 and FOFIF2B3B4B5 ... strategies." 15.Skinner, et al**., "...** spectral peak coding strategy .... " 16. Skinner, "N-24 ...."	**COCHLEAR CORP** **N-SERIES DEVICES**
17.Dorman et al. "… Symbion.. Implant." 18. Wilson, et al., "Better speech recognition …"	**SYMBION-INERAID**
19. ABC, "Converting .... to high resolution .."	**ABC DEVICES**
20. Kiefer, et al. " Med El Combi-40...."	**MED EL DEVICES**
21. Rubenstein, J :Effects of implantation criteria." 22. Dorman et al. "NU6 .. patients.. normal-hearing listeners." 23. Wilson and Dorman, "Restoring normal perceptual function .." 24. Spahr and Dorman, "Comparison of three devices ..."	**HOW ARE WE DOING?**
25.Pasic and Rubel, " Cochlear nucleus cell size.... 26. Leake et al. "… Electrical stimulation ... spiral ganglion neurons... 27. Snyder et al., "… expansion of cortical representation."	**EFFECTS OF EARLY EXPERIENCE**
28.Meyer and Svirsky, "... children with the Clarion and SPEAK implants 29.Zwolan et al., " ... children with minimal open-set speech recognition skills." 30.Svirsky et al., " Speech intelligibility.. deaf children..." 31.Svirsky et al., " Language development .... deaf children...	**RESULTS WITH CHILDREN**
32.Portillo and Shannon, "History of the auditory brainstem implant." 33.Otto et al. ".. multichannel auditory brainstem implant..."	**BRAIN STEM IMPLANT**
34. Loizou, "Mimicking the Human Ear"	**SIGNAL PROCESSING FOR IMPLANTS**