
PEEL AUDIOLOGY & HEARING AID SERVICES

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SUMMER 2004

Hearing Aid Technology: Improving Hearing in Noise

Hearing in the presence of background noise is the biggest complaint of hearing aid users.

Manufacturers are attempting to improve this with their higher end digital hearing aids. Noise reduction circuitry in digital hearing aids often makes listening in noise more comfortable but doesn't directly improve understanding in noise. The addition of a dual or directional microphone system is the only thing that has been proven to be of benefit in a noisy listening environment. Directional microphones reduce the level of sound from behind so you can hear the person you are facing. An adaptive directional microphone will determine at which angle noises from behind are loudest and choose this area to reduce.

The hearing aid will decide on its own when the adaptive directional microphone needs to be activated or not.

Directional microphones are available on high end and entry level digital hearing aids. However adaptive directional microphones are only available on high-end digital products. In an entry-level product, the client uses a push button on the hearing aid to switch from omnidirectional to directional mode.

A representative from Siemens will be in our office on August 10 and 11 to demonstrate the most advanced digital technology.

Patients can come for a no obligation demo. Just have them call our office to set up an appointment (905) 874-4911

The Assistive Devices Program continues to provide a \$500 grant per ear for hearing aids every 3 years. All hearing aids are purchased with a minimum 30 day trial period.



Peel Audiology & Hearing Aid Services is a full time clinic providing complete audiological assessments for all ages including hearing aid evaluations and fittings.

Appointments can be made by calling Kim or Kathy at 874-4911 or giving your patient a referral to arrange their own appointment. Referrals can also be faxed to 874-0834. If you need more referral pads please call us.

Thank you for your continued support!!

Lynne Burdett and Janet Michaud, *Audiologists*