

## Services at Falls of Sound

- Hearing assessments: Children 4 years + and adults
- Subsidized hearing services to Pension Concession Card holders
- Consultation about Hearing aids
- Counselling related to hearing difficulties and tinnitus
- Noise earplugs, swimming plus, Musicians plugs
- Assistive listening devices (ALD)

## INSIDE

*Time to get wireless*

*Younger and Younger*

*Savia: New Technology  
Falls of Sound  
OPEN Day!*

## Time to get wireless!

**CROSLink** enables significantly improved communication when one ear is unaidable. It satisfies CROS needs when the other ear is normal, or BiCros needs when the other ear is impaired.

### Who would benefit from CROS and BiCROS?

**CROS**—Patients with a unilateral hearing loss, where the loss in the poorer ear is so great that aiding it will be of no benefit. The better ear should have normal hearing or at most a mild high-frequency hearing loss. Patients will particularly benefit if they frequently need to listen to signals arriving from the side of the head with the deaf ear. Eg. A taxi driver whose deaf ear is on the passenger side.

**BiCROS**—Patients with an asymmetric bilateral hearing loss such that the poorer ear has too great a hearing loss to benefit from a hearing aid.

### Equipment:



CrosLink transmitter for the unaidable ear.

CrosLink receiver with compatible audio shoe.

## Benefits of CROS and BiCROS

- Sounds can be heard in the ear with the better residual hearing ability no matter which direction they come from.
- Improved speech intelligibility especially in group and noisy situations.
- Improved localization of sounds.

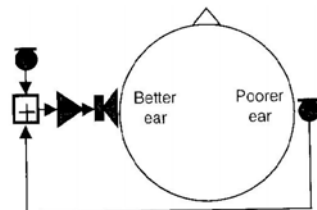


Figure 16.4 Block diagram of a BiCROS hearing aid system.

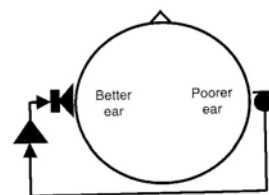


Figure 16.1 Block diagram of a CROS hearing aid system, viewed from above the head.

Reference: 'Hearing Aids' by H Dillon (2002).

## Younger and younger

Swedish data indicate that over half of all hearing-impaired people are of working age. The Swedish Association of Hearing-Impaired People, HRF, published statistics indicating that 54.3 per cent of hearing-impaired people in Sweden were under the age of 65.

The U.S. Better Hearing Institute estimates that 14 per cent of Americans between the ages of 45 and 64 are suffering from hearing loss and that 8 million Americans between 18 and 44 years of age are hard of hearing.

In his MarkeTrak surveys Sergei Kochkin has found that, within the last decade, the number of Americans who identify themselves as being hearing-impaired within the age group 45 - 54 has increased from less than 4 million to around 6 million - an increase of 2.1 million or almost 50 per cent.

The reason why reduced hearing affects still younger age groups is primarily the increased level of noise in our environment, at work as well as from voluntary exposure to loud noise.

---

## New Hearing Aid: Natural wisdom captured in technology

Nature has bestowed the Snow Owl with a wondrous ability to adapt to its environment continuously.

**Savia** is the first hearing computer to implement the unique capabilities of biological systems using state of the art digital technology - we call it **Digital Bionics**.



**Savia** by Phonak is packed with an impressive collection of revolutionary bionic solutions, all inspired by Nature's wisdom. The advanced digital technology in **Savia** allows natural, effortless hearing.

More information will be mentioned in the next newsletter.

## Falls of Sound OPEN Day

During an Open day, clients will receive a free hearing screening test and trial of the latest technology with a coffee voucher.

Savia will be available for an on the spot test drive.

**Date: 9th & 18th of June 2005.**

Bookings are essential.

---