

## **Triage towards CROS hearing aid or Bone Conduction Device of patients with single sided deafness**

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**Objective.** It is our purpose to optimize counseling of patients with single sided deafness (SSD) towards a wireless CROS hearing aid or a selection for Bone Conductive Devices (BAHA).

**Method.** Studies performed in the first years of this century do show a patient preference for a Bone Conduction Device (BCD) above a classic wired CROS-device with traditional earmould. Nowadays we have the availability of modern BCDs and modern CROS devices with wireless FM transmission and open fittings with thin tubes. Since 2006 we do offer our SSD patients counseling and trials with a CROS hearing aid and a BCD. Questionnaires (APHAB) are used to compare unaided versus aided situations.

**Results.** Results of the APHAB questionnaires will be discussed. Contrary to older studies performed in our center we do find comparable benefit between CROS hearing aids and BCDs and a growing interest of our patients for a CROS hearing aid (43% BCD, 57% CROS).

**Conclusions.** Patient selection for efficient and successful BCD implantation in patients with SSD remains challenging. Based on our group results, triage should include a test with a wireless CROS Hearing Aid and evaluation based on questionnaires.