**Assessment of hearing loss**

1. **Audimetry** → hearing acuity
2. **Self reports** → insights into activity and participation limitations

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**EMA Study #1**: What are common listening situations of adults with mild hearing loss? How do adults with mild hearing loss rate their hearing performance?

- **Instructions**
  - Time- and environmental triggers to alert for survey completion

- **Debriefing**
  - 98% completed during or within 1 hr of listening event

**Results**

- **Listening events**
  - Conversation ≤ 3 people
  - Speech / media (TV / radio)
  - Conversation ≥ 4 people
  - Non-speech sound (music)
  - Speech (live)

- **Hearing performance**
  - In 91% of listening events, speech understanding was rated as either 75% or 100%
  - In 67% of listening situations, listening effectively required effort

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**EMA Study #2**: Can hearing aids provide benefit for adults with mild hearing loss?

- **Participants**
  - 10
- **Surveys**
  - 860
- **Questions per survey**
  - 16

**Results**

- **4 hearing performance dimensions**
  - 1. speech understanding
  - 2. effort required to listen effectively
  - 3. hearing difficulties negatively affecting communication
  - 4. enjoyment of the listening events

**Mild hearing loss**:

- Little impact on speech understanding, but stronger impact on other aspects relevant to daily communication, e.g. effort and enjoyment – need for individualized counseling and hearing aid modification

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**eAudiology through use of eAudiology technologies can...**

- Collect real-world information about listening events
- Gain information beyond speech understanding
- Be easily individualized
- Support the individual in self-management

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**Access the webinar on EMA by Barbra Timmer, PhD here: learning.phonakpro.com (where available)**

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**References**