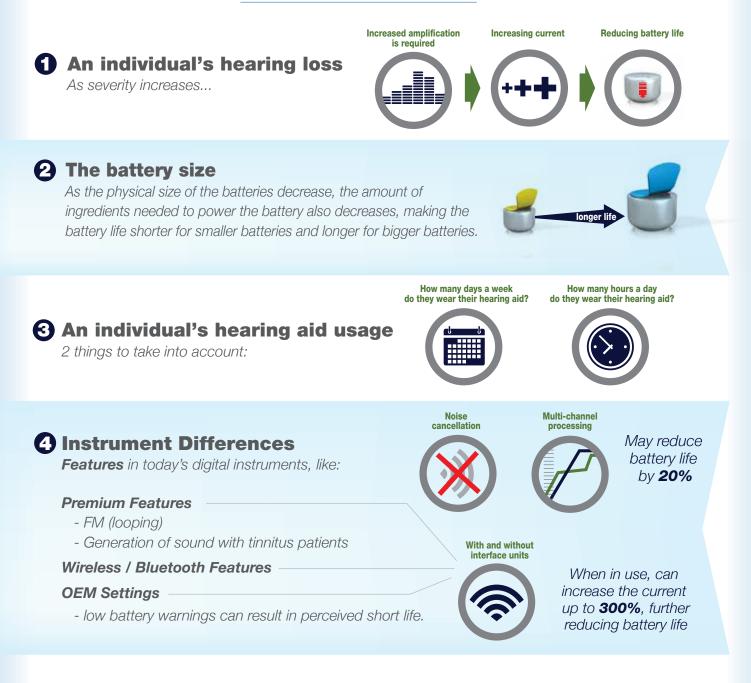
IMPORTANT BATTERY FACTS for today's HEARING INSTRUMENTS

There are many factors that affect how long a hearing aid battery lasts.



Factors that affect battery life (cont.)

Environment



Low Humidity

As humidity is reduced...

- Batteries may dry out, reducing the battery life.
- This can be an issue if:
 - Users are indoors during winter months in northern climates
 - Use of wood burning to heat homes

end point earlier, reducing battery life.

winter or in a refrigerated environment.

- Keeping battery in dry aid kits in an already dry environment

Temperature

• Hearing aid battery voltage is lowered and reaches functional

• This can be an issue if individuals are working outside in the

As temperature is reduced...

- Intermittent user
- If normal service life is more than 7 days



High Humidity

As humidity increases...

- Batteries may take on moisture, interfering with the natural discharge expansion, resulting in swelling/leakage and reducing battery life.
- This can be an issue if:
 - Users work outdoors for extended periods in high temp/ high humidity areas.
 - Live in a non air conditioned environment in high humidity areas
 - Intermittent user
 - If normal service life is more than 7 days



Altitude As altitude increases...

- Percentage of Oxygen level in the air is reduced, lowering the hearing aid battery voltage, causing the battery to reach the endpoint earlier and reduces battery life.
- This can be an issue if:
 - Individuals live in areas at high altitude
 - Flying in a plane when battery is late in discharge

6 Expected Ranges of Battery Life

Battery Size	Life Expectancy
10	3-10 days
312	3-12 days
13	6-14 days
675	9-20 days

*Cochlear implant devices normally require a specially formulated battery and they may last as little as one day.

The Bottom Line...

There is no one answer that is going to work for all hearing aid wearers. The best way for a patient to understand the battery life that they can expect, is to benchmark their individual battery performance over time.