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Big data on fitting and usage trends across different client populations

Big data can be used to assess methods and treatments, and empower clients to be involved in their own health management. Big data can also be a valuable tool in understanding hearing aid fittings and usage patterns across client populations. These fitting trends may support clinicians in their fitting decisions with their clients. This presentation will showcase valuable insights from data collected through a fitting software research tool which aggregates data points from thousands of hearing aid fittings.

Topics which big data can highlight are the use of prescriptive fitting formulas, analysis of device wearing time, program usage, and application of features, such as sound cleaning technologies, and frequency compression. These findings will be used to establish correlations between the introduction of new features and technologies, changes in usage and programming, and observed patterns over time. We can use these real-world insights to better understand the environments and listening challenges that clients face in daily lives.