35 - The Upside-Down Approach with a Lazy-S Incision for Osia Implantation

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Background:
There is a need for improved surgical techniques that enhance patient outcomes, particularly for OSIA300 bone conduction implants. Traditional methods often present challenges with patient comfort, sound localization, and cosmesis.

Methods/Research Design:
A descriptive case study evaluated outcomes of a modified “upside-down” implantation technique using a “lazy-S” incision. This repositioning aimed to improve both aesthetic and functional outcomes.

Results:
The modified approach showed no surgical or post-operative complications. Coil repositioning enhanced sound localization and patient comfort, especially regarding headwear. The lazy-S incision reduced skin tension and improved cosmetic appearance.

Conclusion:
The upside-down approach with lazy-S incision offers improved sound localization, cosmetic outcomes, and patient comfort over traditional OSIA300 implantation. This method is particularly beneficial for patients transitioning from BAHA systems.