

## OTOPLASTY USING AN ANATOMICAL LANDMARK

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### Abstract

**Background:** A prominent ear is a congenital deformity that has cosmetic implications. Otoplasty is a surgical procedure with several approaches discussed in the researched literature. Surgical correction of prominent ears has been conducted since the 19th century with many worthy techniques. The ceaseless refinement of such techniques has led to the development of several procedures each with its own set of advantages and disadvantages. We propose a technique that involves an incision along an anatomical landmark called Concho-helical groove, producing surgically superior post-operative outcomes.

**Materials and Methods:** 15 patients at Royal Victoria Infirmary were operated on by the same plastic surgeon. Consent was taken for all patients before and after the procedure for follow up of results. A Retrospective collection of Cases from January 2003 to December 2003 was done in which the conch helical groove was used as an anatomical landmark. Post-surgical progress was followed for three months

**Results:** Post-operative outcomes were exceptional with no scar hypertrophy or revisions. Patient satisfaction was appreciable. Except for one patient who developed a surgical wound infection there were no post-op complications recorded.

**Conclusion:** The approach described here offers consistent results with least scarring. The only limitation being that the identification of the Concho-helical groove as described by the author might be challenging for the inexperienced eye.

### Biography

Quratulain Fatima Masood has been serving as a medical intern, after graduating from Army Medical College, National University Sciences and Technology. Following a brief period at Yale as a Research Associate, at the department of Plastics and Reconstructive Surgery, She became the sole pioneer of the Student Research Forum, at her home institution. Her experience at Yale emerged as global forum, where she mentors students at research paper writing. Other than individual research papers, her major completed contributions are noted at the leading American publication groups including, Encyclopedia of Global Health, Encyclopedia of Cancer and Society and Encyclopedia of Stem Cell Research all published with the renowned publisher SAGE Publications.

[13<sup>th</sup> World Congress on Plastic, Aesthetic and Reconstructive Surgery](#) | December 10, 2021

**Citation:** Otoplasty using an anatomical landmark, 13<sup>th</sup> World Congress on Plastic, Aesthetic and Reconstructive Surgery | December 10<sup>th</sup> 2021, 05