



DERMATOLOGICAL SURGERY

BARIKBIN'S BLUNT BLADE SUBCISION(BBS): A REVOLUTION IN THE TREATMENT OF ATROPHIC ACNE SCARS.

Behrooz Barikbin⁽¹⁾ - Zahra Akbari⁽²⁾

Bb Royal Cosmetic Company, Bb Royal Cosmetic Clinic, Toronto, Canada⁽¹⁾ - Shahid Beheshti Medical University, Laser Application In Medical Sciences Research Center, Tehran, Iran (islamic Republic Of)⁽²⁾

BACKGROUND: Subcision is the mainstay of atrophic acne scar treatment but the efficacy and safety of the procedure is controversial.

OBJECTIVE: To improve the efficacy of the subcision procedure, a blunt subcision blade (Barikbin's Blunt Subcision Blade or BBSB) was designed and evaluated.

METHODS: Eighteen patients with bilateral atrophic acne scars considered eligible for subcision were enrolled. Before subcision, a tumescent solution was injected subdermally to anesthetize the treatment area and aid the dissection of the dermal-subcutaneous tissue(hydro dissection). Patients underwent treatment using the blunt subcision blade, a long metal blade with gradually narrowing edges, and a rounded blunt tip. Early postoperative complications, overall aesthetic improvement and persistent discoloration, or lumpiness were assessed 7 days after subcision and at a 6-month follow-up visit.

RESULTS: Moderate to marked improvement of atrophic scars was observed in 15 cases (83.3%). Mild to moderate tenderness, periorbital ecchymoses, and swelling were reported by some patients, but resolved completely within 1 week after the procedure. No cases of persistent discoloration or lumpiness were observed at the final visit.

CONCLUSION: Barikbin's blunt blade subcision procedure is suggested as an effective method for the treatment of atrophic acne scars.

