## Focus on: full face Beauty with B.A.F.F.I. technique

**Introduction:** in recent years we have had an exponential increase of requests for rejuvenation. New techniques of cosmetic medicine is directed to the care and prevention, aim at the wellness and with the most advanced treatments we can finally fight the signs of aging. Thanks to the latest new techniques we can offer our patients minimally invasive treatments without down time for a natural result "NEW REJUVENATION FULL-FACE". Treatment without pain, no scars, no hospitalization, repeatable, safe, long lasting and natural. HA is still the gold standard as RHA with property elastic visco that thank to structure patented preserved network, it integrates himself to the dynamism of the face.

It is now known the high regenerative powers of STEM CELLS: pre-adipocyte mesenchymal cells, undifferentiated and not specialized obtained from adipose tissue with paracrine effects and immunomodulatory capacity with regenerative effects. ADSC derived from autologous fat and used in regenerative treatments of the more modern aesthetic medicine. Numerous studies have shown how the combination of treatments based on HA and ADSC allow us to obtain an increase about viability of Stem Cells as a scaffold support together with a biological implant integration and maintaining AFG adipose. This technique is emerging as "IDEAL FILLER" as it is characterized by: a high regenerative power, really available and easily repeatable capable of regenerating, treating, volumizing, no allergic reactions and with minimal risk of side effects.

**Objectives:** the aim of this study is to demonstrate the effectiveness and the safety of BIOFILLER born with B.A.F.F.I. TECHNIQUE to based on HA, AGF and PRP to end of obtain best results aesthetic in terms of naturalness in treatments of FULL-FACE. Also the author needs demonstrate the high vitality of the adipose tissue harvested with above said technique, that guarantees one longer life of the treatments in terms of result and of total rejuvenation, validated from a support scientific with dates of laboratory of bio-molecular research.

Materials and methodos: In this study are been performed a total of 70 patients with B.A.F.F.I. TECHNIQUE (BIO-FILLER AUTOLOGUS FAT FILLER INJECTION). This is an innovative BIO-FILLER composed from combination of HA cross linked with property of resilience and with different degree of G prime and AUTOLOGUS FAT in the his different combinations of side: MACROFAT, MICROFAT and NANOFAT. Chosen on base to problems to be resolved and to result that we wish to obtain. In specific for the treatment of a photo-aging moderate the author used a BIOFILLER NANOFAT combined with HA with property redensifying (mix of HA free 15mg/ml with dermo-restructured complex). Instead for restore the volumes or for treat a photo-aging severe/advanced the author uses a BIOFILLER MACROFAT combined with volumizing and dynamic HA (mix of AGF and enriched with HA cross-linked with the more low percentage of BDDE existing on market). The procedure is performed with surgical instruments specially studied and drawn for obtain with the maximum safety the maximum result. The treatment is minimally invasive, preceded by local anesthesia performed only on the entry point of the cannula; painless and it can be repeated once or twice a year.

I perform the Full-Face treatment: to correct the skeletonization of the temporal region, to restore the continuity of the malar-zygomatic area, to correction of tear-trough, to harmonize the lip volume, to increase chin and redefine the mandibular shape and jaw line.

The security of protocols was evaluated by the percentage of adverse events reported after treatments and during monitoring visits.

**Results:** the results obtained in terms of effectiveness, show an improvement for all the entire face is in the quality of the skin and in the redefinition of the volumes, giving to patients a more youthful look and brighter appearance. In particular was noted a reduction in roughness and an improvement in skin texture, a total rejuvenation of the skin, with improved tone, elasticity and hydration with the redefinition of the missing volumes. Appreciable improvement volumes and shapes, reduction of cutaneous depressions and ptosis with skin more toned, firm, elastic and more compact.

Further to my experience the use of BIOFILLER in the outpatient setting opens the door to new aesthetic medicine regenerative offering patients long lasting results, respecting forms and harmony of the face easily and securely.

All patients were visited at 1-3-6 months after surgery and in every cases, still had an obvious result, demonstrating the efficacy and duration of treatment.

Every patients have declared themselves very satisfied and claim to be willing to repeat the treatment.

**Security:** the tolerance of the products used was found to be high. In 10% of cases there is a transient mild redness in the treated areas that disappeared during the later hours. The 25% of patients reported slight bruising resolved spontaneously in the course of the following week. Serious adverse events have not been reported and not worth mentioning. All treatments were performed with local anesthesia and with use of cannulas designed by me specific to perform my B.A.F.F.I. technique.

**Conclusions:** this study demonstrated that the use of the various BIOFILLERS represents a new sphere "regenerative" aesthetic medicine safe, fast, with quick learning curve and with obvious results of rejuvenation for all ages, for all skin types with results of long-term rejuvenation for a natural FULL-FACE.

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## **Bibliography**

- 1. Pando et al, 2013, Adipose stromal/stem cells assist fat transplantation reducingnecrosis and increasing graft performance
- 2. Tan, P.v., remember, 2010, Adipocyte Transplantation and Stem Cells: Plastic Surgery Meets Regenerative Medicine
- 3. Goldman and Wallina, 2010, Facial rejuvenation for middle-aged women: a combined approach with minimally invasive procedures
- 4. Francesco P. Bernardini, MD; Gaiga, MD; Luigi Izzo, MD; Alessandra Zambelli, M.D.; Erica Repaci, PhD; Ilaria Baldelli, MD; G. Fernandes-Orcioni, MD; Morris E. Hartstein, M.d.; Pier Luigi Saints, MD; and Rodolfo Quarter, MD, Superficial Enhanced Fluid Fat Injection (SEFFI) to Correct Volume Defects and Skin Aging of the Face and the Periocular Region, 2015, Aesthetic Surgery Journal, 1 12
- 5. KOLLE et al: Enrichment of AFG with ex-vivo expanded adipose tissue-derived stem cells for graft survival: a randomized placebo-controlled trial.
- 2013 lanced; 382:1113-20.
- 6. Stem cell paracrine actions Baraniak et al and tissue regeneration. Regen Med. 2010 Jan; 5 (1): 121-143.
- 7. MURPHY et al Mesenchymal stem cells: environmentally responsive & Experimental therapeutics for regenerative medicine. Molecular Medicine (2013) 45, and 54.
- 8. Mizuno h. Adipose-derived stem cells for tissue repair and regeneration: ten years of research and a literature review. J Nippon Med Sch. 2009; 76:56-66.
- 9. LAKSHMI KANTH. KOLAPARTHY et al Adipose Tissue Adequate, Accessible regenerative Material International Journal of Stem Cells Vol. 8.no. 2, 2015.