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Abstract

Prospects of hygienic milk production, collection, processing and marketing combating malnutrition in Bangladesh.

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Abstract:

One of implantology's biggest challenges is the tissue maintenance, reparation and formation aiming the success and longevity of clinical cases. Among several tissue and bone grafts regeneration techniques described in literature, the use of L-PRF membranes has gotten notoriety in implantology. Our group in a recent research studied the expression of vascular endothelial growth factor (VEGF) during the healing process of rats' subcutaneous tissue with or without the presence of L-PRF membrane. It has been selected 12 rats (Rattus Norvegicus Albinus) and divided in 3 groups according to sacrifice time - 5/15/30 days (G5/G15/G30), considering that one rat's blood of each group has been collected to produce L-PRF membranes according to Choukroun's protocol 2. It has been made two bone defects, not critical, in both sides of rat's skullcap median sagittal suture, using a 2mm thickness drill trephine, after that the defects were filled in the right side with L-PRF and in the left side with clot. In times 5/15/30 days after the surgical procedures and euthanasia, the fragments were prepared to immuno-histochemical analyses. The VEGF expression was analyzed by assessment of cellular positive, scoring between 0 and 3 graduations, meaning 0 less than 10% of presence, 1 between 10 and 25% and 3 above 50% of positivity. The VEGF had been present in the initial phase and during all the tissue repair process in both groups. In five days, there weren't any VEGF's immunotaining difference between both groups. The use of L-PRF membrane reduces the VEGF's expression in 15 and 30 days groups when they are compared to control group. In the line of our work, at the presentation, the blood concentrate preparation protocols will be presented along with clinical cases performed by the author.

Biography:

Over 02 decades MOHD. ABUL KALAM AZAD is performing as a Smallholding Cooperative Dairy Expert in Bangladesh. Presently he is servicing in Milk Vita (www.

milkvita.org.bd) – the largest pioneering cooperative milk processing organization in Bangladesh as a Manager (Production). Previously he served in Inter Chain Project Consultant AB Sweden, NORAD, Central Bank of Bangladesh and other national and international donor organizations augmenting SME development / rural entrepreneurship development. He also participated a lot of national and international dairy food processing /livestock based global seminar, symposium, conference, workshops as a OCM/keynote speaker / panel speaker / seminar chair/co-chair as well as national and international training programme globally. He has published more than 20 dairy based basic research papers in different national and international journals accordingly and has been contributing as an editorial board member of reputed journals He completed his B.Sc. in Animal Husbandry (Honours) in 1987 and MS in Dairy Science Degree in 2001 from Bangladesh Agricultural University as well as also completed MBA in Marketing & International Business Degree in 2005 from International Islamic University Chittagong ,Bangladesh accordingly. He has already been proved his excellencies as a think tank in the innovative idea generation in the field of Dairy Science Globally.

Publication of speakers:

1. Mohd. Abul Kalam Azad, Successful smallholding dairying in Bangladesh through milk vita, August 06-07, 2018, 10.4172/2380-9477-C5-017
2. Mohd. Abul Kalam Azad, Milk vita cooperative dairying: A legendary era in Bangladesh, December 03-04, 2018, 10.4172/2476-2059-C4-018

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