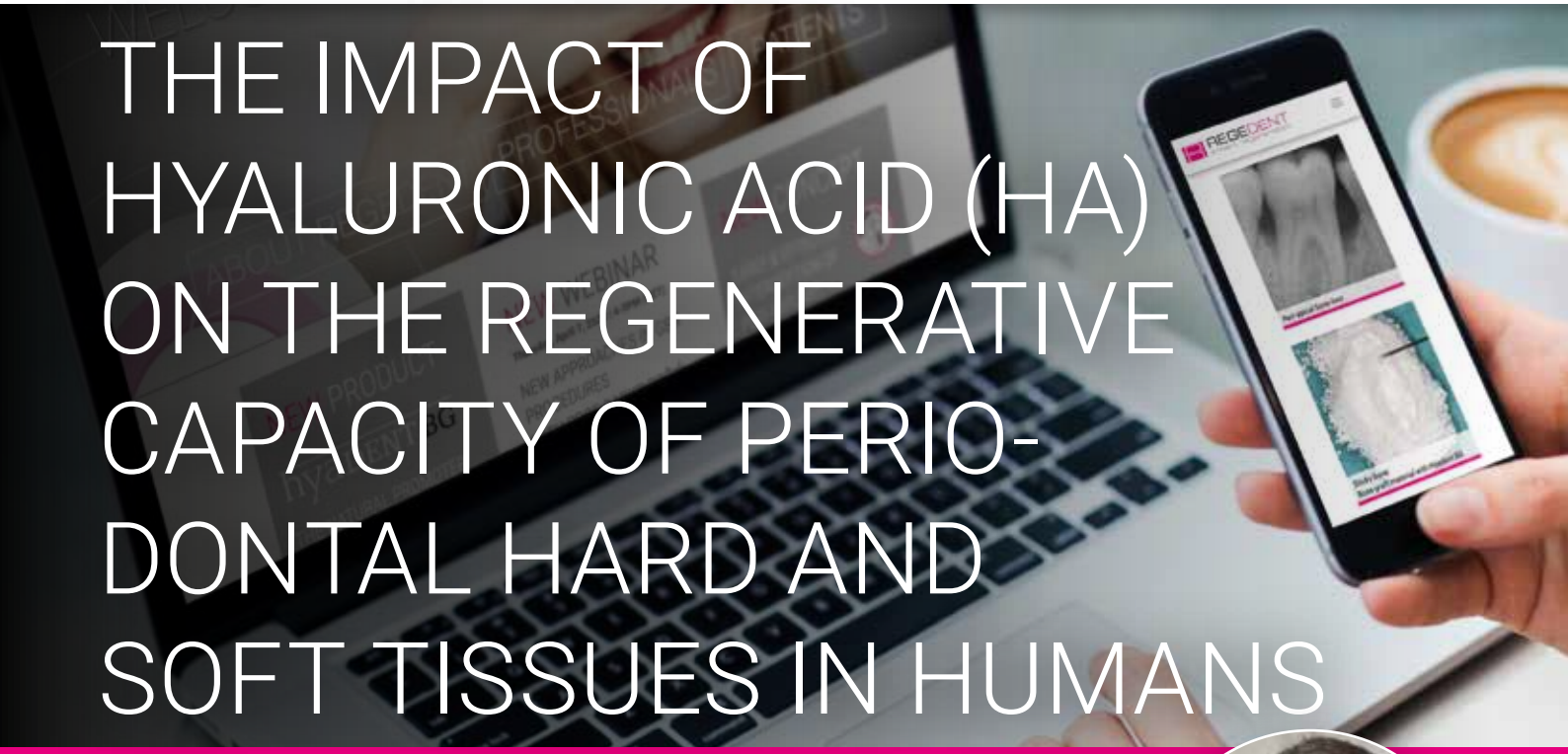
REGEDENT
smart regeneration

THE IMPACT OF HYALURONIC ACID (HA) ON THE REGENERATIVE CAPACITY OF PERIODONTAL HARD AND SOFT TISSUES IN HUMANS



WEBINAR: WEDNESDAY, DECEMBER 9, 2020 | 6-7 PM (CET)

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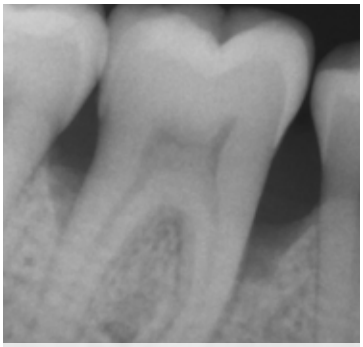

Peri-apical bone loss

Sticky bone:
Bone graft material with Hyadent BG

Hyaluronic acid (HA) plays an important role in several biological processes, such as cell signaling, adhesion, proliferation and differentiation. The synthetic HA is available in a low (LMW) and high molecular weight (HMW) formulation. Being highly biocompatible both, the one rather elicits a pro-inflammatory whereas the other an anti-inflammatory tissue reaction. The clinical use of HA focuses at the HMW HA, which features are optimizing the response in living tissues. The intra-surgical application of hyaDENT BG (Regedent AG, CH) has impact on wound healing accelerating the wound closure and facilitating the neo-angeogenesis in the tissue, stabilizing the blot clot at the early stage of wound closure and disclosing a bacteriostatic effect. Furthermore, the recent studies show that the impact of HMW extends also toward cells involved into hard tissue formation, i.e. osteoblasts and PDL fibroblasts.

The clinical benefit using HA results from the well-understood mechanisms of action at the periodontal soft tissues but obviously reaches out far beyond. The webinar demonstrates the results of non-surgical and surgical application of hyaDENT BG in periodontal infrabony pockets and furcation defects documenting clinically and radiographically the outcome in term of clinical attachment level gain. The surgical implementation of HA into soft tissue augmentation and bone augmentation procedures rounds up the content of the webinar.

You are highly welcomed to join us on the journey across the terrific properties of this Biologics product.