

WHAT ARE THE RESULTS OF THE UNICCA® SURFACE?

1. UNICCA® IS ELECTROPOSITIVE, CLEAN AND SUPERHYDROPHILIC

-> **benefit:** it immediately initiates the regenerative process [4-7].

2. UNICCA® IMPROVES PERI-IMPLANT BONE STABILITY

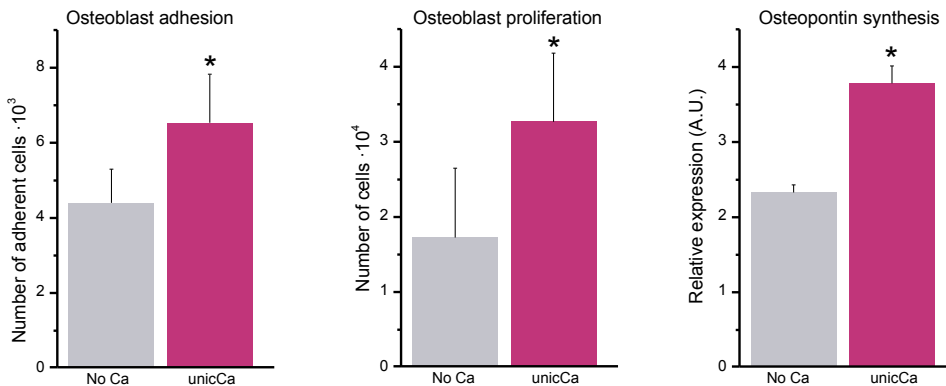
-> **benefit:** reduces implant failure. [15]

3. UNICCA® MINIMIZES BACTERIAL ADHESION

-> **benefit:** the attenuated roughness in the coronal area along with the use of Endoret® (PRGF®) significantly reduces the bacterial colonization (in vitro study). [16]

4. UNICCA® STIMULATES OSTEOGENIC ACTIVITY

-> **benefit:** bone forming cells synthesize significantly, resulting in a greater extracellular matrix (in vivo and in vitro studies) [6, 8-11]



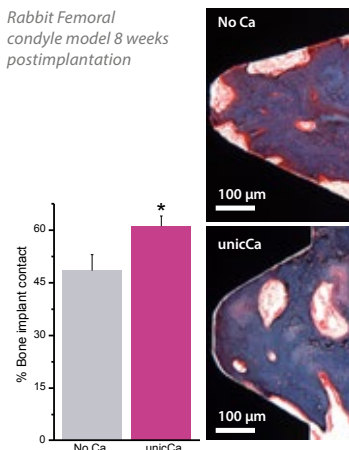
Surfaces subjected to human osteoblast cell tests. Adhesion measured at 3 hours, proliferation at 4 days, synthesis at 7 days.

* shows statistically significant differences ($p < 0.05$, Student T-Test)

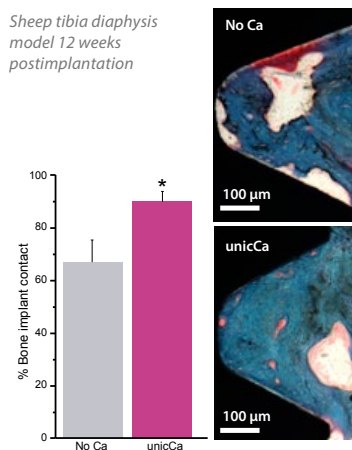
5. UNICCA IS OSTEOGENIC: INDUCES THE FORMATION OF BONE TISSUE

-> **benefit:** accelerates and improves osseointegration (in vivo studies). [2, 6, 12, 13]

IN LOW DENSITY BONE [13]

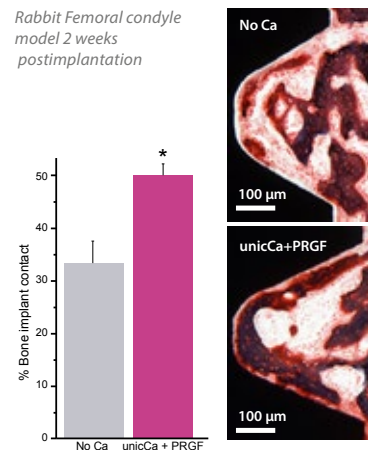


IN POORLY VASCULARIZED BONE [6]



COMBINATION OF UNICCA® WITH ENDORET® (PRGF®) [13,14]

Accelerates early osseointegration



* Show statistically significant differences $p < 0.05$ between the groups (Student T-Test).



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