

NOVOSSEUM

Dental Implant
Insertion

Root
resection



Osteoporosis of the
temporomandibular
joint

Tooth extraction



SYNERGOLAB
EVIDENCE BASED NATURE

Our approach

In the last decade, due to the progress of dental implants and periodontology, there has been a growing need in the field of dentistry and oral surgery for the replacement of the ruined bone. It is not possible to place an implant in the bone if the quality or quantity of the bone is insufficient, because

the implant can only survive in a bone that is alive and has good blood circulation. When creating **NOVOSSEUM**, we looked at the physiology of human ossification through the clinician's eyes. Our goal was to support factors that play a beneficial role in the physiology of the bone.



With its remarkable complexity, **NOVOSSEUM** brings you a new, holistic approach that takes into consideration every point of view.



SYNERGOLAB

EVIDENCE BASED NATURE

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A smile is the best accessory

Externally supporting bone physiology helps the offset of the normal ossification process, while shortening and perfecting the length of the ossification activity. The newly perfect smile, bright white teeth, and the comfortable bite all contribute to the building of a healthy self-image and self-confidence!



While working together with several branches of the medical profession on the development of **NOVOSSEUM**, we were looking for a solution to the challenges of osteoporosis and the difficulties of calcium absorption.





Perfect osseo- integration

From a physiologic viewpoint, using dental implants to replace missing teeth is the most predictive and the best procedure nowadays in operative dentistry. Dental implants are artificial root replacements. Their role is to hold and stabilize the prosthetic tooth in the jawbone.



A healthy and structurally stable bone tissue is a crucial requirement to tooth stability since it plays an important role in sustaining p

The most important factors that influence the success of the implantation

- / An implant that has perfect quality, structure and surface
- / A dentist that has a world renowned knowledge of the industry and who has excellent manual skills
- / A perfect osseointegration

Osseointegration is a key term in implant dentistry. Osseointegration is the foundation for the success of dental implants. From a clinical point of view, it plays an important role in predicting how long the implant will be functional and how much pressure it will be able to withstand.

The most frequent cause for the failure of the implantation

- / The bone tissue surrounding the artificial root is neither dense nor strong enough

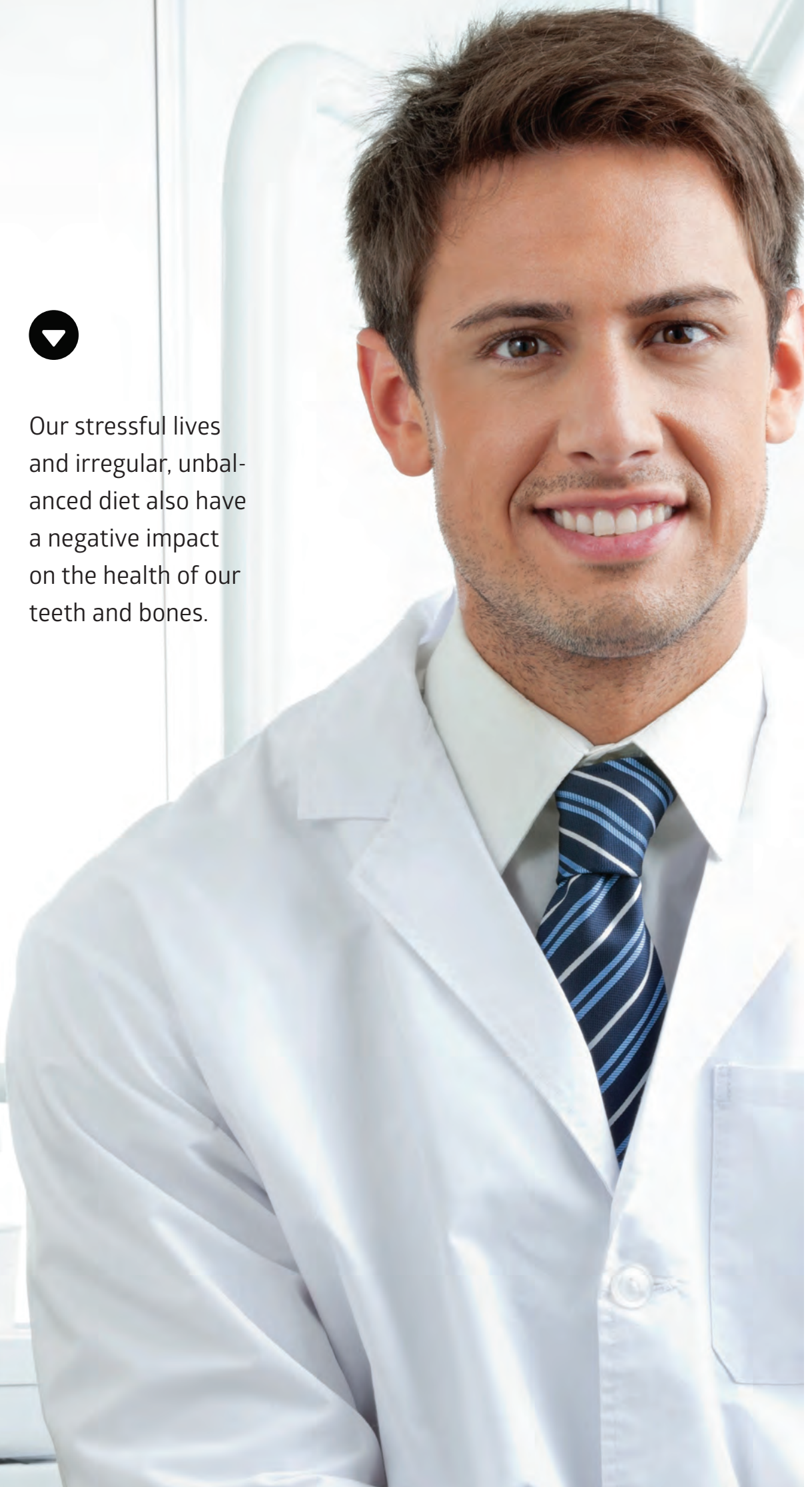
If the bone tissue that surrounds the tooth does not function properly, it cannot fulfill its supporting role, which results in early tooth loss, tooth instability, tooth extraction, insufficient ossification after root removal, and it can cause the failure of dental implants.



ement of osseointegration, and it is also the key
pressure.



Our stressful lives and irregular, unbalanced diet also have a negative impact on the health of our teeth and bones.



> “The bone is a living tissue, it needs support!”

The gum surrounding the tooth is a dynamic, living structure, with quickly changing metabolism, which absorbs all the negative effects and factors resulting from our lifestyles. To put it in another way: “the bone never forgets”.

The bone tissue that is of insufficient quality or quantity due to our unhealthy lifestyles, will have an increased significance in case the gum undergoes a dental surgical procedure.

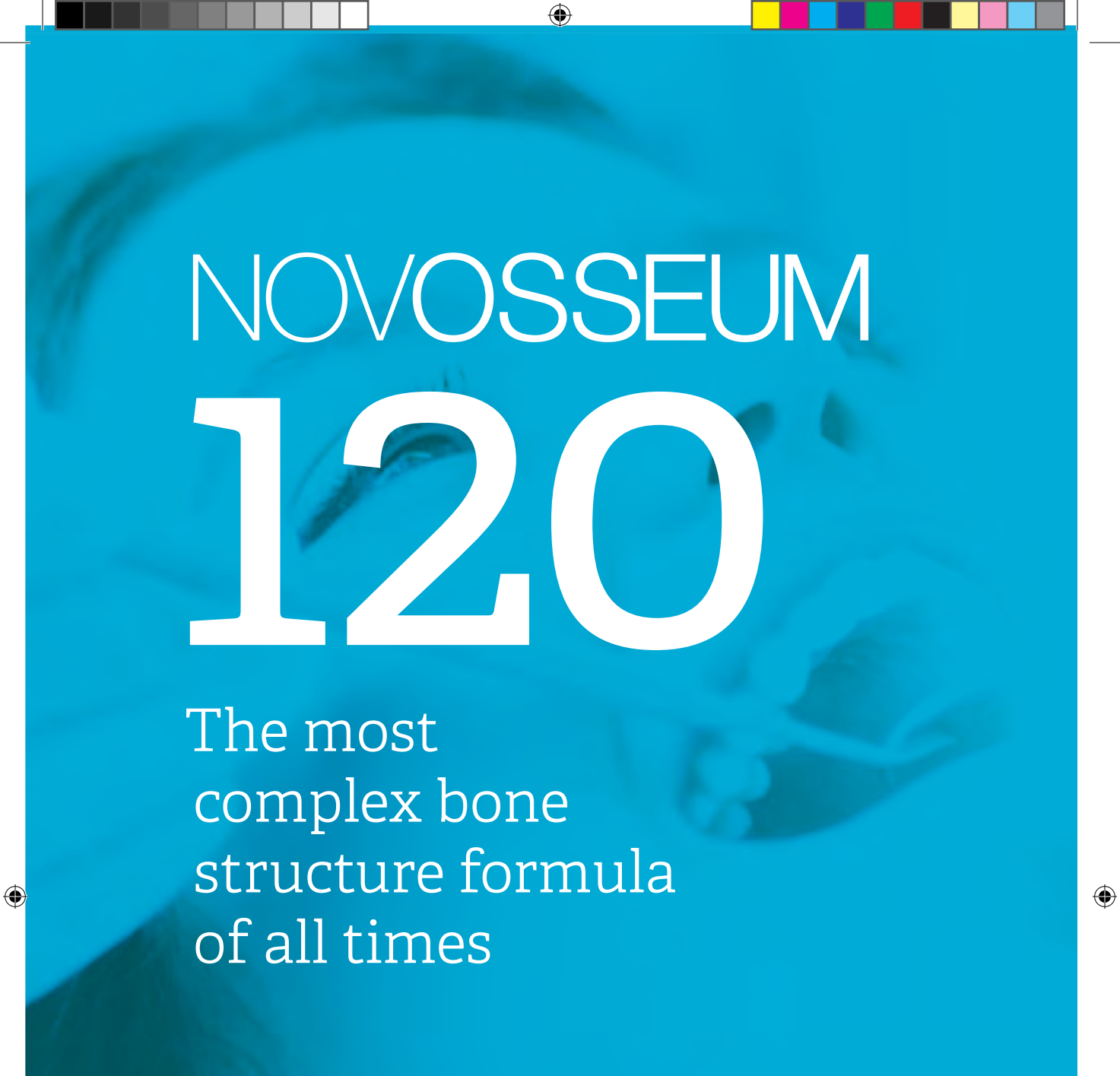
THE GUM NEEDS TO REBUILD ITSELF AFTER A DENTAL SURGICAL PROCEDURE.

During this critical period the tooth can only get nutrients from what is immediately available for the organism. On the same token, it has to be mentioned that the traumatized bone gets a new chance, but only if the bone can receive everything it needs during the critical phase of the ossification process.



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NOVOSSEUM 120

The most
complex bone
structure formula
of all times

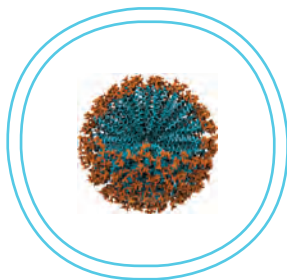
When creating **NOVOSSEUM**, we looked at the physiology of human ossification through the clinician's eyes. Our goal was to support factors that play a beneficial role in the physiology of the bone.

NOVOSSEUM infuses the blood path and thus provides the substances that are indispensable for the ossification of the developing bone.

The ingredients in **NOVOSSEUM** work together to create a strong effect. It contains calcium, magnesium and vitamins in proportions that are ideal for our body. Ingredients that facilitate absorption also assure that components get absorbed and that controlling agents get transferred to the appropriate destination where they properly get integrated.



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Osteum

The calcium that can be found in ostium develops a micellar structure, which has the ability to be fully absorbed as

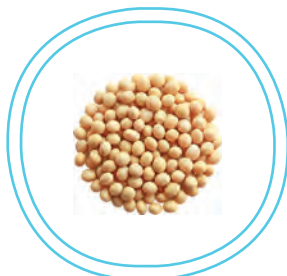
organic calcium, becoming this way a calcium source that can be best utilized.



Phytoestrogen – Isoflavones

Among Asian cultures who consume considerably more soy than western societies, osteoporotic bone fractures are a lot less common. Studies con-

ducted in cell cultures proved that soy isoflavones influence osteogenesis and osteoclastogenesis through their estrogen-binding activities.



Marine Magnesium

Marine Magnesium, which is extracted from sea water, contains partly organic and easily absorbing MgHCl,

assuring this way that magnesium gets quickly absorbed and integrated.



Diatomaceous Earth Silicon

Diatomaceous earth, when magnified 7000 times, looks like small rolls that are full of holes. These rolls have very strong negative charge. In our stomach and digestive system, millions of these rolls attract

and absorb the positively charged bacteria, fungus, parasites, virus, drugs and heavy metal. These get trapped in the rolls and get emptied out of our body.



Copper Sulfate

Copper plays a central role in several physiological procedures. In regards to the skeletal system, its most important

function is to maintain normal conditions of the connective tissues.



Zinc and Manganese

Zinc helps maintain healthy bones. The amount of zinc in our bones gets progressively less as we age, and its role become increasingly more significant in the menopausal period. The

appropriate balance and intake of the manganese has an important role in keeping bone density and creating normal connective tissues.



Red Algae Calcium

The second calcium source that can be found in **NOVOSSEUM** is Aquamin TG™, an organic

complex extracted from red algae, which is a mineral source that is 100% vegetal.



Vitamin K2

Vitamin K2 regulates calcium metabolism. Its presence is necessary to get calcium to the

right destination, to the bones, lowering this way the risk of osteoporosis.



Vitamin D3

In reality, the activated Vitamin D is a steroid hormone whose receptors can be found in all cell types, and they play an important role in regulating the recombination of over

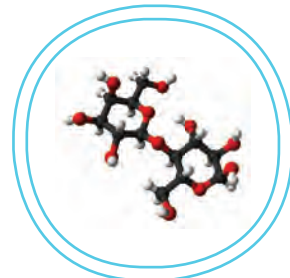
200 genes. Based on the latest studies, by the end of winter, 9 out of 10 people develop Vitamin D deficiency, which lowers their body's calcium absorption.



Inulin – Prebiotic

In our digestive system there are billions of microorganisms that live there in symbiosis; 90% of which are bacteria.

These bacteria need appropriate source of nutrients in order to fulfill their roles. We call these prebiotics.



Vitamin C

Vitamin C has been proven to contribute to the normal creation of collagen and the optimal functioning of bones, cartilages, teeth, gum, veins and skin. Besides this, it helps met-

abolic procedures that create energy; it assures the normal functioning of the immune system as well as the protection of the cells against oxidative stress.



You can read more about the valuable ingredients of **NOVOSSEUM** on our website, in three different languages: www.synergolab.com



Who should try it?



Dental and oral surgical patients with increased calcium need



Dental Implant Insertion

.....
Root resection

.....
Tooth extraction

.....
Gum trauma

Osteoporosis of the temporomandibular joint

Supplementing quality calcium is great for prevention and it also helps eradicate deficiencies, regardless of age or gender.

Suggested Dosage



To help gum ossification



After the dental procedures, in case of a three month treatment:

In the 1st Month

2x2
PILLS

In the 2nd & 3rd Month

2x1
PILLS

Make sure you follow the doctor's orders! After dental or oral surgical procedures, it is imperative that you maintain your oral hygiene. You should eat healthy and consume enough vitamins and minerals, in order to allow a proper healing and integration of the implant after the surgical intervention.

Attention! Using this product replaces neither a well-balanced and diverse diet nor a healthy lifestyle! We don't recommend using this product for those who suffer from protein or soy protein intolerance. People who receive blood clotting treatment should also use [NOVOSSEUM](#) with caution, due to its KS Vitamin K2 content. [NOVOSSEUM](#) is lactose free!

„We can do a lot to prevent complications after dental implant surgery! “



The most important is to follow the doctor's orders!

What do we have to keep in mind?

After dental or oral surgeries it is imperative to maintain good oral hygiene. Don't rinse your mouth on the day of the surgery, even after meals only a light rinsing is recommended. It is not recommended to do any straining physical activity a few days after dental implant surgery. Physical work and exercise can trigger post-surgical bleeding therefore they should be avoided

a few days after surgery. Neither too hot nor too cold environments are recommended a few days after surgery. It can be beneficial to cool the affected area in order to moderate swelling. If you experience swelling around the scab, apply ice on the outside area. You must remove cooling after 3-4 minutes to avoid freezing; you can resume cooling after 10 minutes.

After dental or oral surgeries it is imperative to maintain good oral hygiene.

It is a good idea to replace your old toothbrush. Bacteria attaches on both dry and wet toothbrushes, therefore the tool that you're using to maintain your dental hygiene can easily be the reason your scab gets infected.

3
DAYS



You should not consume caffeine or alcohol, nor should you smoke for about 3 days after dental implant surgery. Heavy

smokers may find this challenging, but they can always use electric cigarettes or nicotine patches.

Lifestyle advice after dental implant surgery

You shouldn't chew on the spot where the dental implant surgery took place, and hard food is also to be avoided. We don't recommend consuming any dairy products at all in the few days after the dental implant surgery. Spicy and hot food should be neglected as well since they can be harmful after dental

implant surgery. When starting the antibiotic treatment, it's a good idea to make sure that our digestive system is well balanced: pre and probiotics are available to help with that. Following some easy rules can speed up recovery and healing. It can also prevent any possible complications.



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