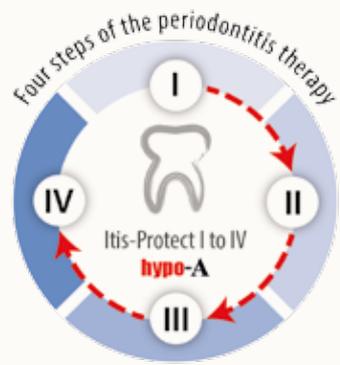




**Comprehensive complementary therapy for
supporting the immune system during periodontitis**



Itis-Protect I-IV



• Itis Protect – helping to prevent tooth loss from periodontitis

■ Good dental care begins at a young age. Children who learn early on how to look after their teeth will find it easier to do so when they are adults. It should also be remembered that the milk teeth are the placeholders for our permanent teeth. If we loose them – through caries, for example – then our permanent teeth will also suffer. So it is vital that good dental care begins early on. This should include:

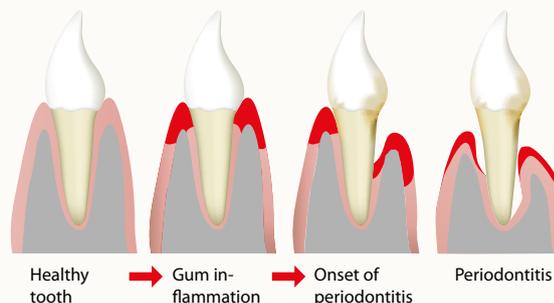
- Cleaning your teeth at least every morning and evening, making sure you have the right brushing technique and that you change your brush regularly
- Cleaning in between the teeth as well, using floss or interdental brushes
- Regular professional removal of tartar and other deposits

Intended as an addition to a balanced diet, Itis Protect is a medicinal supplement for the treatment of periodontitis. In order to remain healthy and stable, teeth, gums and jawbones need more than just regular attention from your dentist. They need to be cared for from within. That means a healthy intestine with plenty of natural vitamins, trace elements and omega fatty acids. For teeth, gums and oral mucosal membranes, the most important nutrients are Vitamins A, D, E and K and C, the B Vitamins, magnesium and calcium, and the coenzyme Q10.

Itis Protect helps guard against a lack of these nutrients. By supporting the body's immune system, it helps to maintain and renew the periodontium, thereby helping to prevent tooth loss.

Regeneration of the periodontium with Itis Protect

As anyone who works with horses will know, tooth loss is a sign that something is amiss in the body as a whole. This is where Itis Protect comes in. It introduces nutrients and viable intestinal bacteria that support the body's immune system in the regeneration of mucosal membrane in the mouth.



Itis Protect I to IV – for a periodontium damaged by periodontitis

- **The biofilm and immune balance – crucial factors in the battle against periodontitis**

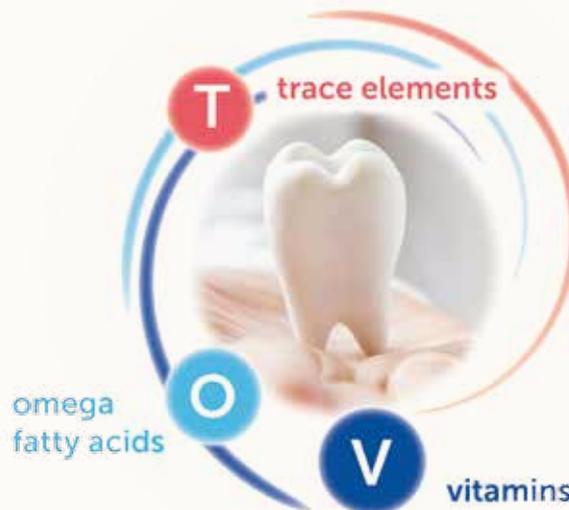
■ **Periodontitis – simple or chronic?**

If you fail to care properly for your teeth and gums, simple periodontitis can soon result, although with improved dental hygiene and the intervention of a dentist, the onset of the disease can just as quickly be reversed. But those following an unhealthy, fast-food-dominated diet can soon suffer more serious problems that result in chronic periodontitis. Then, despite improved oral hygiene, the disease will start to progress. The periodontium may become damaged, right up to the tooth itself, and implants may be lost.

The crucial factors – the acid-base homeostasis and the biofilm

Whether pathogenic or healthy bacteria prevail in the body basically depends on your immune system. In order to support symbiotic bacteria and strengthen the immune system, we need an optimal, orthomolecular diet and, at the same time, a reduction in stress factors.

In order to maximise the biofilm and the body's defensive mechanisms, it is important to remember that, whether choosing what to eat or choosing a vitamin supplement, quality is key. We are what we eat. Ideally, everything we eat and drink should be free from added chemicals such as colouring, flavourings and preservatives, which are as harmful to healthy people as to those already suffering from illness.



• Periodontitis – not just a local problem

■ We are gradually coming to understand that periodontitis is much more than a bacterial infection of the periodontal apparatus. Today it is seen as a whole-body disease that reflects the state of the patient's immune system and is frequently associated with other diseases.

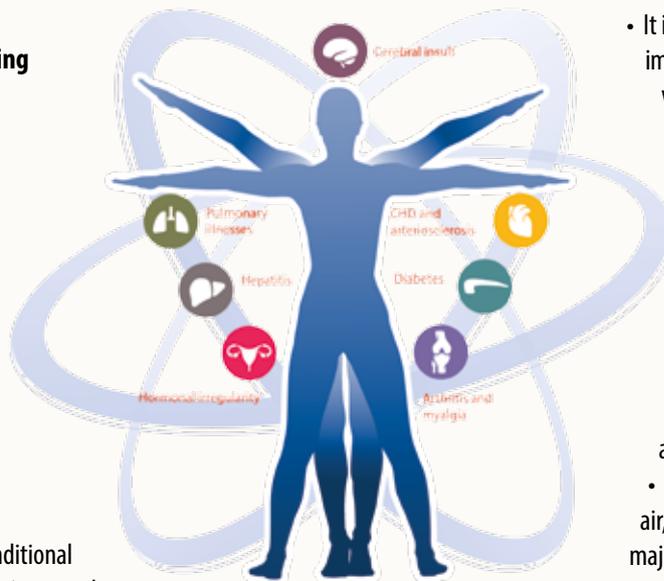
Some typical accompanying diseases are:

- Stroke
- Heart attack and cardiovascular disease
- Lung diseases such as asthma
- Diabetes
- Inflammation of the gut
- Hormonal imbalance
- Lipid metabolic disorder
- Arthrosis and arthritis
- Osteoarthritis

It is equally clear that the traditional treatment for periodontitis – improved oral hygiene, preventative measures, antibiotics and operative procedures – does not take sufficient account of this new knowledge. So even patients with advanced chronic periodontitis often find they are searching in vain for a cure.

If you are looking for sustainable results, you should bear in mind the overall context in which periodontitis occurs – for example:

- Bacteria and plaque may appear with the disease, but are not necessarily its principal cause
- It is basically the state of your immune system that determines whether, and for how long, a disease occurs
 - Problems in the area of individual teeth can point to wider problems in the body as a whole
 - Age-related changes can hasten tissue loss
 - Modern, fast-food-based nutrition, smoking and stress all play a central role
 - Environmental stressors in the air, water or soil can also play a major role, as can tooth implants



In advanced cases of the disease, localised treatments are often insufficient. Patients often require a complementary therapy. This is where Itis Protect has a role to play as a supplement to (although not a replacement for) a balanced diet.

• Clinically proven success in the treatment of chronic periodontitis

With Itis Protect I to IV, hypo A has developed a holistic approach to the regeneration and care of the gums and periodontal apparatus. Its effectiveness has been proved by an aMMP-8 study², in which the presence of this enzyme serves as a reliable and easily measurable indicator in the laboratory for the degree of inflammation and tissue loss in the mouth.

In 60% of subjects with advanced chronic periodontitis, aMMP-8 levels fell back to within the clinically acknowledged safe zone (the ‚green zone‘) within 12 to 16 weeks.

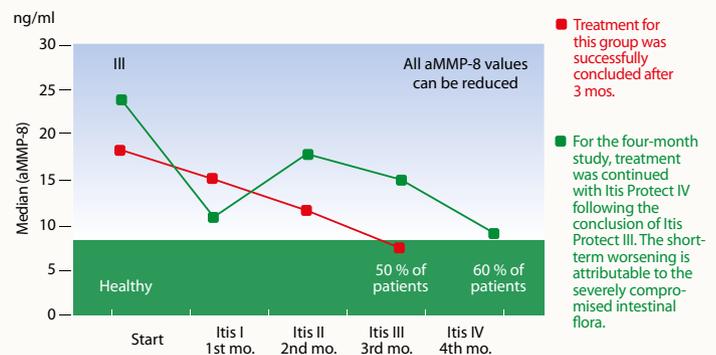
By the end of the study, all the subjects (i.e. 100%) showed clearly reduced aMMP-8 levels.

This was a significant result when one remembers that, in the two years prior to the study, these subjects had been treated at least four times with antibiotics and surgical intervention without success. As Peter-Hansen Volkmann, the co-author of the study, explains, ‚This proves beyond doubt the effectiveness of a holistic, purely orthomolecular approach to chronic inflammation such as periodontitis and peri-implantitis.‘

Even in seemingly hopeless periodontitis cases, Itis Protect provides a sustainable, effective and painless alternative to the possibility of further tooth or implant loss, the consequences of which can be so costly. And it can help improve the long-term success rate for implants.

² H.-P. Olbertz et al: Adjuvante Behandlung refraktärer chronischer Parodontitis mittels Orthomolekularia – eine prospektive Pilotstudie aus der Praxis (Adjuvant orthomolecular therapy for refractive chronic periodontitis – a prospective pilot study drawn from clinical practice), Dentale Implantologie - DI 15, 1, 40-44, 2011

³ Increases in aMMP-8 levels can be detected not just locally for periodontitis but throughout the body for chronic diseases associated with compromised immunity



• Supplementary nutrients in addition to a balanced diet for the purposes of holistic treatment

Dietary supplements for specific medicinal purposes (supplementary to a balanced diet) in the treatment of periodontitis.

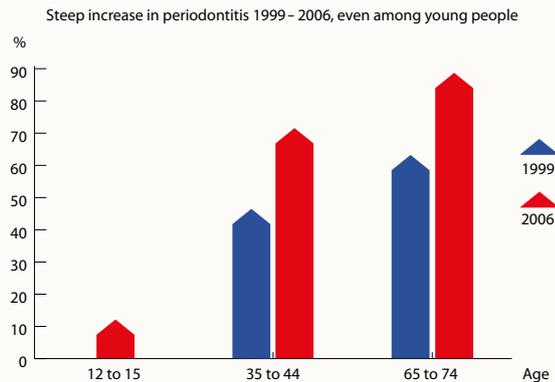
■ Benefits of Itis Protect

- Easy to use, with reliable results
- Can help promote healthy oral flora
- Can stabilise oral and intestinal mucosal membranes
- Can support the regeneration of bones and the periodontium
- Can reduce periodontitis-related tooth loss
- Supports the effectiveness of professional tooth cleaning

■ People who can especially benefit from Itis Protect⁴

- Burnout patients
- Diabetics
- Smokers
- Alcoholics
- Patients with chronic illnesses
- People on long-term medication
- People on an unhealthy diet
- People consuming high amounts of sugar

⁴As shown by international studies



Source: Deutsche Mundgesundheits-Studien, 1999 and 2006 (DMS III & IV)

■ Worrying news

People are developing periodontitis at an ever younger age. In Germany today, those over 43 lose more teeth to periodontitis than to caries.

- **Itis Protect I to IV can help**

Itis-Protect I

Product	28 days
ADEK	3 x 1 caps. before meals
Acerola zinc	3 x 1 caps. with meals
Q10 plus Vitamin C	3 x 1 caps. after meals
Mineral Plus	3 x 1 caps. after meals

Itis-Protect II

Product	28 days
Black cumin oil	3 x 1 caps. before meals
Vitamin AE lycopene	3 x 1 caps. before meals
3 Symbiosis	3 x 1 caps. with meals
Potassium [illegible]	3 x 1 caps. with meals

Itis-Protect III

Product	28 days
Salmon oil	3 x 1 caps. before meals
Black cumin oil	3 x 1 caps. before meals
3 Symbiosis Plus	3 x 1 caps. with meals
Magnesium calcium	3 x 1 caps. after meals

Itis-Protect IV

Product	28 days
Vitamin AE lycopene	3 x 1 caps. before meals
3 Symbiosis Plus	3 x 1 caps. with meals
Q10 plus Vitamin C	3 x 1 caps. after meals
Magnesium calcium	3 x 1 caps. after meals

Important notice:

- The dietary nutrients are intended as an addition to a balanced diet for the treatment of periodontitis.
- Use only on the advice of a doctor.

■ The nutrients in the four-month course provided by Itis Protect I to IV are put together in such a way that, taken as prescribed, they can help the mucosal membranes in the mouth to heal. For best results, follow the intake and nutritional guidelines on this page or on the packaging as closely as possible. Take each product three times daily. Take one capsule either with or immediately after food (see table). To support the healing process, eat a healthy diet of fresh, ideally organic, produce, drink plenty of water (min. 2 litres daily), and get plenty of sleep and outdoor exercise. Fast food and E-numbers are thought to play a role in the development of periodontitis that is not yet fully understood.

Possible reasons not to take Itis Protect (contraindications)

- A possible reason not to take Itis Protect is the presence in an elderly patient of several diseases that are being treated with more than two or three regular medications. In such cases, contrary to the schedule above, the patient should start Itis Protect I with one capsule of each kind per day. If no problems arise on the basis of a subjective assessment, this dose can be increased to two capsules in the second week and three capsules in weeks three and four. If no problems have arisen by the end of Itis Protect I, stages II to IV can be taken at the full recommended dose, even by elderly patients.
- Patients undergoing thyroid treatment should consult their doctor when taking the potassium capsule in Itis Protect II. In order to avoid disruptions to thyroid metabolism, the potassium capsule can if necessary be substituted with hypo-A's magnesium-calcium product at the same dose. In this case, however, it should be taken after eating.

- **Itis Protect: an award-winning periodontitis treatment concept**



Family business since 1998

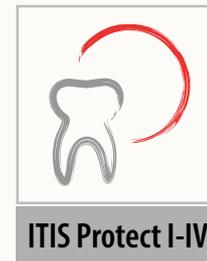
■ Our natural approach to the treatment of periodontitis using Itis Protect is based on 25 years' experience of treating chronic disease. While treating people for intestinal, back or knee joint problems, we noticed that inflammation due to periodontitis often cleared up as well. So for the past twenty years, here at our natural treatment centre for general medical problems, we have been receiving patients with advanced oral inflammation who are in danger of losing their teeth.

In 2011, following the development of a therapy specifically designed for diseases of the periodontium, a study of this simple three or four-month treatment concept was published. The study had been carried out in a group of patients with chronic aggressive periodontitis (the most advanced form) who in the past two years had had at least four standard treatments involving antibiotics or other methods without seeing any improvement.

- Winner of the CAM Award 2013



Parodontitis-Studie mit Itis-Protect I-IV
aMMP-8 Laborparameter zur Entzündungshemmung



■ In recognition of his work on periodontitis and peri-implantitis, our clinical leader and consultant physician Peter-Hansen Volkmann received the prestigious CAM Award 2013 from the health minister for Düsseldorf.

The award recognised the important contribution Dr Volkmann has made to regulatory medicine. In the study concerned, he and his colleagues were able to show how even chronic, treatment-resistant periodontitis could be treated successfully via the intestines using an orthomolecular approach.

The study results convinced the jury and helped us to develop Itis Protect I to IV as a supplement to a balanced diet and as an integrated, holistic treatment concept.

In 50% of these subjects, all of whom had an advanced form of the disease, the inflammation readings for aMMP-8, an enzyme that destroys tissue, were completely normalised within 12 weeks. Within 16 weeks, 60% of subjects showed the same result – i.e. tissue loss and pocket formation were

halted. The periodontium was healed and aMMP-8 activity reduced to the healthy, 'green zone' of < 8 ng/ml (see diagram below).

Further operations or probiotic treatment were unnecessary. Even the remaining 40% of subjects showed a reduction in inflammation, as measured via aMMP-8 levels.

The accompanying purification of the intestines was equally convincing and accorded with the reduced levels of aMMP-8 in the tooth neck as a measure for the reduction of tissue loss.

In 2013, the aMMP-8 study was assigned the CAM Award in Düsseldorf by the health minister. Then, at the beginning of 2014, here at hypo-A we refined the treatment concept as a user-friendly dietary supplement. It is now available as a packaged, four-stage blister pack supplement programme, with each stage designed to be taken over 28 days. This simple and effective four-month treatment is therefore easy to take and follow through, for clinicians as much as patients.

From left: Torsten Fuhrberg, health minister Barbara Steffens, prize winner Peter-Hansen Volkmann, EFN chairman Peter Abels

- Information for professionals

■ Information for professionals

Whether you are a doctor, dentist, complementary health practitioner or pharmacist, all healthcare professionals will have their own specific requirements. So that you can give your patients and customers the best possible service, we will be happy to send you free specialist information such as dosing schedules, studies, videos and the latest promotional material for our products. Or you can attend one of our seminars or workshops, which are continually tailored to meet your needs. If you are already using hypo-A products for your patients, then you can apply to join our practitioners' register.

If you have any questions or would like more information, please do not hesitate to contact us at info@hypo-a.de



Further information:
zahn.hypo-a.de



hypo-A GmbH, Kücknitzer Hauptstr. 53, 23569 Lübeck

hypo-A
Premium Orthomolekularia