

Megamin is an Italian company who manufactures capsules containing zeolite powder. The following information is condensed from their website, <http://www.megamin.net/>. There is a lot more information on their website. Some of the translation into English is a bit strange.

What is Megamin?

Dietary supplement **MEGAMIN** is an antioxidant and ion exchanger, it contains different types of the natural mineral zeolite. It is micronised by a special procedure creating a big active surface, Megamin has strong adsorption and absorbing abilities. The body produces free radicals during the metabolic process, these radicals are also produced by external sources such as air pollution, pesticides, smoke, alcohol, radiation etc. Even though the body has natural protection, it is not strong enough to overcome continuous strong attacks of natural and environmental free radicals. Today, free radicals are recognised as a cause of ageing as well as for some sixty chronic degenerative diseases including stroke, arthritis, cancer, cataracts, Alzheimer's, Parkinson's disease, varicose veins, rheumatism, stress, phlebitis, haemorrhoids and senility. It is well established that such mineral preparations can control free radicals and reduce disease by removing them from the body.

Effects of Megamin

- Improves quality of life
- Helps general revitalisation of the body
- Improves general health
- Enables restful sleep
- In older age shows better tolerance against using up and aging of the cells, tissues and body as a whole
- Makes psychical and physical efforts easier
- During and after strong physical activity reduces muscle pain and increases stamina levels
- It reduce the feeling of tiredness and weakness

Use of Megamin

- For the best results, take pill three or four times a day.
- If necessary, it can be increased up to ten capsules per day.
- It is safe to take **MEGAMIN** for a longer period of time.
- ***It is important to mention that Megamin does not produce any kind of side effects while being taken with other drugs.***
- It is recommended to take **MEGAMIN** before a meal with a small amount of liquid.

When Megamin Helps

MEGAMIN can help when disfunctioning biological processes of the body cause diseases such as:

1. Skin diseases

It can speed up wound healing as well as help treatment of infectious skin diseases (herpes), inflammatory dermatitis (psoriasis) and allergies and skin diseases

(dermatitis etc.). Besides taking an oral dose, external application of the powder is recommended from the pill by putting the contents of the capsule on the open wound/diseased part of the skin, few times a day.

(Note from aussiezeolite: We have found that a zeolite lotion like Zeo Calm works very well with these skin diseases without dehydrating the skin like the powder can do with overuse.)

2. Malignant diseases

During and after chemotherapy it can help :

- Reducing needs for analgesics and narcotics,
- Reducing/removing liquid from the abdominal cavity (ascites),
- Levels of sedimentation,
- Increasing Iron levels,
- Increasing the number of blood cells,
- Improves the general health of the patient to enable earlier chemotherapy treatment. Palliating the side effects like vomiting, stomach nausea, loss of appetite, loss of weight, loss of hair etc.,
- Fungi disappearing, that very often appear during chemotherapy in the mouth and oesophagus and make recovery more difficult,

3. Some connective tissues diseases

Can assist joints to become painless during different collagen diseases (rheumatoid arthritis, lupus erythematosus) and fibrosis.

4. Spin diseases (the lumbar part)

Can significantly assist in reducing pain during lumbago and sciatica.

5. Gastrointestinal diseases

- It can prevent spasmodical contractions (ulcerative colitis) and pain, also helps regulating the bowel movement.
- Can contribute in normalising stomach super secretion.

6. Diabetes

- Can help regulate the sugar levels in blood.
- By improving microcirculation, it can decrease the complications of diabetes.

7. Cardiovascular diseases

- Can contribute in normalisation of abnormal contractions in the rhythmical beats of the heart (exstrasistole of the unknown aetiology, tachycardia),
- Can also assist towards blood pressure regulation.

8. Haematopoietic diseases

Can support the normalisation of disordered values of diseases such as anaemia and the white blood cells.

9. Central nervous system diseases and neuromuscular disorders

Can help in tranquillising tremors, in regulating of muscle tension, in eliminating muscle spasms and pathological reflexes as well as assisting in decreasing frequency and intensity of epileptic attacks.

10. Liver diseases

Contributes to the improvement of the general condition and helps liver enzymes (AST, ALT, yGT) in reaching normal values.

Case Studies

Case Report #1 - Complication of diabetes Patient B.B. Date of birth: 1942. Diagnosis: Diabetes was diagnosed 1982. Up to year 1982. patient didn't have medical problems.

Medical treatment was based on diet and oral application of hypoglycemic drugs. In 1995 his right lower leg was amputated. Since May 1996 he's been taking the insulin. From march 1999. on the left lower leg ulcerations of various sizes has appeared. The wounds were bending with rivanol and povidon. There was no doubt that in very near future his left lower leg also should be amputated.

He's been taking Megamin (together with insulin) since Sep 22 1999. orally and by putting the powder from the capsules on the wounds. On Sep 22 on the left lower leg three ulcers (5, 3 and 1 cm) were visible on the surface . Strong pains in lower leg with intensive itching with offensive smell around ulcers were present.

Effects of Megamin (together with prescript medical therapy):

After 7 days - less pain and less itching, better and restful sleep

After 10 days - less offensive smell, appearing of the healthy tissue as well as the beginning of granulation.

After 30 days - two smaller ulcers were completely closed while on the biggest ulcer epitalisation started on the borders of ulcers.

After 75 days - complete epitalisation of the two smaller ulcers and 90% epitalization of the widest ulcer. There were no signs of inflammation any more.

After 200 days - the biggest ulcer closed completely.

It is important to mention that in the period of monitoring the effects of Megamin was regulated glycaemia too. There are no pains and itching any more.

Case Report #2 - Neurodermitis Patient: I.P. Diagnosis: Neurodermitis. Year of birth: 1969. Anamnesis: - in childhood suffered from the spasmic bronchitis. After second pregnancy (1995) changes on the skin appeared. They were most visible on the hands, on the both sides of fists. Medical treatment was based on antialergic and corticosteroid therapy. Beside prescript therapy skin changes still remained together with redness, itching and sense of burning. Longer period of corticosteroid therapy caused bacterial super infections. Fists joints edema was present too.

Patient has been taking Megamin orally and powder since July 1999.

15 days after taking Megamin clinical picture was better as well as less significant redness and itching was present. There are no more fists joints aedems, no more itching and no more burning (Fig 4). Patient is now in position to maintain all housework without gloves; that was not possible before.

Case Report # 3 - Rheumatoid Arthritis Patient A.P. Year of birth: 1948. Diagnosis: Rheumatoid Arthritis. Diagnosticate: 1992

Medical treatment was based on physical therapy and medicaments (analgesics - Auropan, Ibuprofen).

The status on April 1999: Patient had a heavy shape of the inflammatory rheumatism with edemas of both hand joints, with swollen metacarpal joints, right elbow was in flexion contraction, with limited flexion and extension of both knees, with edemas on both legs ankles joined with limited mobility.

Started with Megamin intake on April 1999.

7 days after the beginning of Megamin intake better mobility of small joints was noticed. Also the needs for analgesics decreased, so she took one of them from time to time, while she removed the other one from the therapy.

14 days later the mobility of bigger joints improved together with significantly edemas decreasing.

It is important to mention that seven days absence of Megamin symptoms temporally deteriorated.

Since than patient takes Megamin regularly and has no problems with mobility and edemas.

Case Report # 4 - Morbus Crohn Patient: M.P. Year of birth: 1967. Diagnosis: Morbus Chron. Diagnosticate: December 1998. Therapy: Sulfosalazin 3x1 Peptoran 2x1 Medrol 2x1

Started with Megamin intake: January 1999.

During ten months, the patient had periods without taking Megamin regularly. The quantity was also different. He took the prescript therapy regularly, but he

decreased dosages of sulfosalizin and peptoran and completely removed medrol (steroid hormone) from therapy.

Patient increased body weight by 20%, he noticed decreasing of pain; number and consistence of bowel movement become normal.

Case Report # 5 - Cirrhosis biliaris Patient: K.K. Year of birth: 1934. Diagnosis: Cirrhosis biliaris Anamnesis: - Cirrhosis biliaris was diagnosticate in 1995 (clinically, laboratory, ultrasound and pathohistology). Weakness, lose vitality, tiredness and sleepless were present. From time to time pains were appeared under the right rib ark and spreading towards backside. The edema of the legs ankles was present too. Therapy: Ursofalk 800 g daily .

Megamin intake - December 1998

15 days after taking Megamin, the patient felt stronger and had more stamina.

45 days after taking Megamin the edema around legs ankles disappeared while pains under the right rib ark and backside were less significant.

Ultrasound results: Jun 1999. - the liver was slightly increased. Patient felt very well, and was able to perform normal activities without sense of tiredness,

December 1999. - the liver had normal size

This article was published in "Medical News", year 26., No 141, Nov. 1998

Clinical obseravations at the taking of dietetic preparation MEGAMIN

Jadranka Tocilj, MD Ph.D. Clinical center, depart. for lung diseases, 21 000 Split

The dietetic preparation MEGAMIN , which contains as the basic substance TMAZ, (zeolite powder) was taken by several patients with various kinds of illnesses under medical supervision, with the aim to be able to judge about the effect of this preparation on clinical indicators, the general condition of the persons who fell ill, as well as the usefulness/adequacy on further clinical observations.

The first group are patients with breast cancer (18) as well as lung cancer and pleura cancer (6), prostate cancer (5), primary liver cancer (5), ovary cancer (3) malicious brain tumours of the degree II/III, gullet cancer (1), and other (17).

The equality of all patients is that they all have been treated with chemotherapy and ray treatment therapies or are still getting them, through which they achieved degraded haematological results (in most cases anaemia and a deficit of leucozyths and thrombozyths), as well as increased enzymes gGT, LDH, alkaline phosphates. The general condition was bad, loss of strength and pain.

The second group are patients with system illnesses of the lupus (2), coagenosis (3), and lung fibrosis (3).

The third group is various, beginning with people with diabetes, as well as various neurothies up to inglamations of the muscle system (miocitis), as well as hepatitis B and C (3).

The duration of taking and the dosage (TMAZ):

The first group has taken on average 15 capsules daily, while heavily fallen ill people took the capsules also at night.

If a person has been given chemotherapy he has taken up to 20 capsules.

The second group has taken 10 capsules daily.

The third group of the patients has taken 6 - 8 capsules daily.

The combination of powder and Megamin, that means 5 teaspoons powder and 10 capsules of Megamin have improved to the best combination for heavy illnesses.

Side effects:

At a small number of patients higher temperatures and sweat separations were stated and patients who had liver cancer had diarrhoea, peace, good sleep, a stronger urinating or sweating and some had headaches.

The beginning of the effect of the taken preparation:

After three days the general condition has become better of all patients. At persons, who have been treated with chemotherapy, has been stated that funguses in the mouth area and in the gullet have disappered and they had a better compatibility of the chemotherapy.

Clinical indicators

At the first group of the patient's normal haematological biochemical indicators have been measured.

It has been stated that the sedimentation, the red and white blood corpuscles as well as the thrombozyths have become already 7 days aftera the beginning of the taking the capsules. After approximately 15 days the enuymes (gGT, AST, ALT) have normalised, too, especially fast the LDH normalised, the alkaline phospates have dropped a little but have not normalised.

In two cases of liver cancer the reduction of free liquids in the stomach has been observed, the general condition became better.

The general condition of all patients has become importantly better; they gain weight and have needed to eat something.

At the second group of the patients beside the usual haematological biochemical indicators also the functional indicators of the lung the capacity of diffusion and the oxygen were stated at their resting condition. It has observed that the enzymes and the LDH have normalised, in addition the capacity of the contraction of the heart muscle, because this is a reason for the strengthening of the capacity of lung diffusion (this assumption is still being worked out).

At the third group the rose of sugar was stated while taking 6 capsules of TMAZ daily, the general condition of the patients became better.

The reduction of pain of the muscle system has been watched with measures of the milk acid.

The homeostatic mechanism is being restored and the milk acid salary in the blood sinks.

Persons with hepatitis B and C had a fast normallisation of the enzymes.

Every 15 days the haematological biomechanical indicators were stated, and every patient has a detailed medical documentation, which in the equality has not been worked out on the regulation of the subject. The above mentioned observations have not been stated due to statistic work out and not due to the basis of a clinical examination.

Conclusion:

Everything shown is the basis for a clinical examination, which is valuable to be continued in a defined program.

Report about the experiences (results) of observation at the giving of TMAZ orally in the form of capsules

Slavko Ivkovic MD

The application of the dietetic preparation MEGAMIN at patients that suffer of malignant illnesses, anecdotal cases at patients with protracted virus hepatitis, decompensated liver cirrhoses as well as diabetes and other degenerative illnesses.

1. Patients with malignant illnesses

280 patients were taking the dietetic preparation, the effect of this medicament on the general condition has been observed in 114 patients.

We followed the general condition, the movability of 21 patients with a brain tumour, who had a bad general condition and who were in the terminal phase, predominantly they were unmobile and were treated with a symptomatically therapy. Between the third and the fourth week a visible recovery has been noticed so that the majority of the patients get increasingly attack-free, they become progressively mobile with help, some of them are able in the second month of taking to read alone the papers and to watch TV.

At 40 patients with a primary lung tumour, who are in the terminal phase, it has been noticed that between the third and the fourth week an improvement of the general condition has been recorded according to pain reduction, the improvement of the respiration as well as the movability. One patient who died in the third week was the only one who showed no signs of improvement, but reached rapidly a distinctive cachexis stage.

Furthermore we followed 53 patients with a carcinoma of the digestion section, who also were in the terminal phase of the illness with a distinctive cachexis stage, they showed a delayed effect of MEGAMIN according to only moderate recovery of the general condition which we put in connection with working place of MEGAMIN (intestinal section). In the third week we had 4 patients with a lethal exit, but we have to add that the suggested dose has not been taken because of nausea, vomiting and bad general condition.

In this short time period of observation of the effect MEGAMIN has found its place in the symptomatic therapy. We have noticed that it has come to a better compatibility of the chemotherapy as well as ray treatment with the addition of MEGAMIN. At some patients we could observe doublesonographic (?) and in the three-dimensional Power-Double-Technique (?) reduced circulation.

Summarised an obvious change of the life quality was stated, in which it comes to a clear improvement of the condition of the patients (movability, appetite, increase of weight).

2. Illnesses of the liver - chronic (virus-) hepatitis, cirrhoses

At 20 patients with chronic virus hepatitis already two weeks after giving 6 capsules daily, tiredness and flatulence disappeared, and after one month it comes to a reduction of GOT, GPT, -GT and bilirubin. We could not prove the marcer (?) of the virus hepatitis-DANN and - RNA at the majority of the patients.

At the decompensated cirrhoses it comes after seven days to a clear recovery of the general symptoms of aszites.

3. Diabetes

Patients with insulin in "depending" diabetes (24), who were treated with a peroral therapy, showed a clear reduction of the glucose value in the blood as well as a reduced request for the taking of oral medicaments for the insulin release. Two patients ended the oral antidiabetic-therapy and are now only on a diet.

4. Neurodegenerative illnesses

An extremely positive effect MEGAMIN showed at the multiple sclerosis in the early stage, while the results in the advanced stage with extended fibrosiation herd in the brain turned out essentially more modest. A positive effect was also recorded at the neurodermitis and at muscle dystrophy - respectively in the early stage.

When MEGAMIN should not be taken?

Miroslava Stiplosek MD.

The effect of the dietetic preparation MEGAMIN on the life quality of 58 patients, who had malignant illnesses, has been examined, the influence on life quality has been watched, the reduction of the complaints of the patients during chemotherapy and ray treatments as well as the compatibility of the mentioned dietetic preparation.

To the examination I stepped as a person, who wants to help patients who have heavily fallen ill. The decision, to give this dietetic preparation also to this group of patients, fell when some of my family members and friends as well as I had taken MEGAMIN. No side effects were noticeable; on the contrary, we felt psychologically as well as physiologically better. We all had blood tests before and during the taking of the preparation. During the whole time there were no deviation of the physiological results.

The criteria for the choice of the patients were the following: The diagnosis of a malignant illness with a valid medical documentation, not depending on sex and age. The patients took part at the series of experiments on the request of their own or of next relatives, these are patients, who already have had standard treatments. In addition we had fixed the exclusion criteria: No definite diagnosis, a declining attitude of the next relatives, patients in the preparation phase of a bone marrow transplantation as well as pregnant and stanching women. Breaking of criteria was over-sensitiveness on the preparation and side effects during the taking of this dietetic preparation.

We divided all 58 patients up, under consideration of the illness duration, into two large groups:

1. Patients who had been stated a malignant illness before March 1997 (at the earliest 1994)
2. Patients who had been stated a malignant illness after March 1997

In the first group 27 patients were accompanied, 12 of these are still alive, while 15 patients have died. The second group consists of 31 patients, 23 of these are still alive and are still in treatment, while 8 of them have died.

We have divided the same group, depending on the condition of the illness, into three subgroups:

1. Patients with operable malignant illnesses (40 patients)
2. Patients with inoperable malignant illnesses (12 patients)
3. Patients with symptomatic illnesses (6 patients)

The patients, who have died, were in the terminal phase of the malignant illness, they were predominantly bedridden and have been symptomatically given therapy (under application of various analgetica, when required).

With regard to the life quality from the beginning of the treatment with MEGAMIN until the moment of death, the psychological situation has improved from all of them.

It came to an appetite increase, they gained weight and the request for analgetica sank.

Due to the various anamnestic details of the next relatives and due to the contact with the patients, four patient groups are being distinguished:

1. Patients who are able to leave occasionally the house alone (8)
2. Patients who are able to live at home with still tolerable tumour manifestation (8)
3. Bedridden patients with satisfying emotional and physical conditions, without sleepnessesses or stronger distinctive pain, with better appetite and the ability to i. e. watch TV and similar (4)
4. Patients without or with only short-term positive effect at only irregular and occasional taking of the preparation (3)

During the observation of all patients it has shown, that the support on the part of the family is of a great meaning.

Separate representation of the died patients:

1. Diagnosis: Neoplasia Pancreas Head (September 1997) Beginning of taking MEGAMIN: January 1998 Died: End of July 1998

The patient has been mobile until the last week, he was driving the car, has gone to the sea, has stayed there, has worked in the garden and in the house, has died after a sudden feeling of weakness at the second stationary day.

2. Diagnosis: Plate Epithel carcinoma lateral left Bronchus (February 1998) Beginning of taking MEGAMIN: February 1998 Died: End of October 1998

The 82-old patient has been dismissed to die at home, soon after taking MEGAMIN she becomes more mobile, she is carrying out housework, sweeping the yard, has a good appetite, is gaining 5 kg of weight and she is telling her neighbours that she has recovered. She is not complaining about pain or aggravated breathing, she is full of confidence. In the heat period in August, she dies two weeks lying in the bed.

3. Diagnosis: inoperable Rectumblastom (June 1995) Condition after Anus praeter naturalis sigmoideus definitivus Fistula vesico-rectalis (December 7th, 1997). Beginning of taking MEGAMIN: February 1998 Died: End of October 1998

The patient spent most of the time in bed, after taking MEGAMIN, however, he more frequently got up, sometimes he even went to his workshop, he drove a car, visited friends, this summer he distilled schnapps and was singing in his yard. He watched TV. During the whole illness duration he went from time to time to the hospital where he was treated with a symptomatic therapy in addition to his blood substitute. At the day of his last hospital visit, he was found dead in the morning. The doctors of the surgical department were surprised that a so heavy ill patient could get by with so low quantities of analgetics.

The mentioned people as well as all other patients, who have died, were living longer to the surprise of their general doctors.

Patients who are still under observation (35):

All patients have metastases, 20 of them in the lymph node and 15 patients in more distanced organs (brain, lung, liver, bones). 12 patients had already chemotherapy and ray treatments and 23 patients have just started a zytostatic therapy. At all patients the life quality has been followed:

The emotional situation improved, sleeplessness, depressions decreased, life will increase. stress- and frustration tolerance increases the physical situation improves: better movability, pains are less distinctive or not anymore there, the ability for carrying out daily works are regained, Appetite increase, weight increase, regulation of excrement, one group of patients who had been treated with chemotherapy or had ray treatment, were more consistent to the therapies, they more seldomly complain about nausea and are recovering faster after chemotherapy/ray treatments.

Separate representation of the patients in the course of taking MEGAMIN:

1. Diagnosis: Lymphosarcom of the left thigh (Beginning December 1997)
Abdomen-CT: multiple metastases (beginning December 1997) Beginning of taking MEGAMIN : middle of February 1998 Is taking daily uninterrupted 30 capsules of MEGAMIN.

The tumour at the left thigh has shrunk from the size of a head of an adult to the size of a grapefruit. The skin above the tumour has got back its normal colour; the vessel drawing above the tumour has disappeared. The tumour growth on the neck has completely disappeared as well as the 20 other changes, which could have been seen on the scalp.

Due to the heaviness of the illness the therapy has been started with three times of one capsule MEGAMIN at the first day, the dose has been increased all two days, until a dose of 30 capsules daily has been reached. The immobile patient became completely mobile, this summer he walked daily up to two miles, since one and a half month he is walking just upright as before when he was healthy. He was at the sea, swam, he gained weight about 25 kg. On request of his parents, the patient has not been explained about his diagnosis, so that he could not be won for the necessary examinations.

2. Diagnosis: Colon carcinoma, condition after operative intervention (1994)
Metastases in the liver and lungs (classified as inoperable). The control examination, made in the middle of February 1998, stated metastatic changes as results of the reason illness, namely in the upper segment of the right lungs rag (19 x 13 mm) and in the area of the liver (diameter 6-cm). Beginning of taking MEGAMIN: Beginning of May 1998.

An ultrasound examination of the liver (October 1998) showed an unobtrusive echo in the area of the metastasis diagnosed in February. The x-rays of the lung do not show a stamp form of metastasis shadows.

The number of capsules of the dietetic preparation MEGAMIN has also been increased of this patient, to take at October 10th, 1998 every half hour one capsule of MEGAMIN. With the intention to strengthen the effect, he took two capsules and noticed that the area of the skin above the metastasis in the liver became warmer for some degrees. After that he reduced the dose on one capsule every half-hour, but he enlarged the dose of earlier taken morphine or other opiates that he was taking at night. Already one week after taking this MEGAMIN-dose he is not taking opiates anymore. This patient also declines further examinations since February 1998. Only now since his condition has improved, he is prepared to make further necessary examinations.

Besides the life quality the compatibility and possible appearing side effects have been watched at all patients. All patients have been consistent about MEGAMIN and no side effects arose.

With consideration on all these patients who have been observed as well all those who have been reporting themselves voluntarily with their various diagnoses, I cannot answer this question: "When MEGAMIN should not be taken?"

MEGAMIN not toxic!

TMAZ, MEGAMINs basic substance has shown neither toxic nor mutagenic effects in acute, subchronic and cronic toxicology studies. These studies (according to the guidelines published by the Organization for Economic Cooperation and Development, OECD) have been carried out in Ruder Boskovic Institute, Zagreb, Croatia.

THE ESTIMATE OF CORRELATION BETWEEN MEASURED TAS(Total Antioxidant Status) LEVEL AND NUMBER OF MEGAMIN -ANTIOXIDANT CAPSULES

We have measured TAS level at 33 individuals of which 22 were healthy and 11 were sick.

TAS value correlation of healthy individuals (22) shows significant value divergence especially of those who take smaller doses of MEGAMIN (1 to 7 capsules). We could have expected those results and they can be explained with biological variation and need of different number of capsules that usually have to be adjustable from case to case.

The other group that was consisted of individuals with malignant diseases (11 individuals with daily uptake of Megamin 12 capsules in average) had satisfying degree of correlation $r = 0,67$ between TAS and the number of capsules. When the daily amount of MEGAMIN is more than 16 capsules there has been noticed a fast increase of TAS, what can be seen in Table 2. These results show satisfying capacity of MEGAMIN antioxidant effects.

In Table 3 there is a comparison between the healthy individuals who take daily 3

capsules of MEGAMIN in average and the sick individuals with average daily amount of 12 capsules. The Table shows that in spite of good health condition of healthy individuals their TAS is lower than TAS of sick individuals what is the result of increased daily amount of MEGAMIN capsules.

CONCLUSION:

Up today researches show the importance of origination of endogen free radicals as well as outer agents, which are additional source of free radicals.

Antioxidant therapy, especially on patients with low natural defensive system and on those suffering from already mentioned diseases, has been proved successful, but not in final phase of disease and not as a mono-therapy but as an addition of prescribed therapy.

Measurement of TAS should be practised at chronicle diseases after which the antioxidant therapy should be added. When there are big damages, what clinically mean progressive state of diseases, daily amount of antioxidant should be increased. But there has to be emphasised that antioxidants show the best effects when they are taken as a prevention.

Please visit the Megamin website for more information , <http://www.megamin.net/>