



# XXXIII Международный Конгресс Апимондии

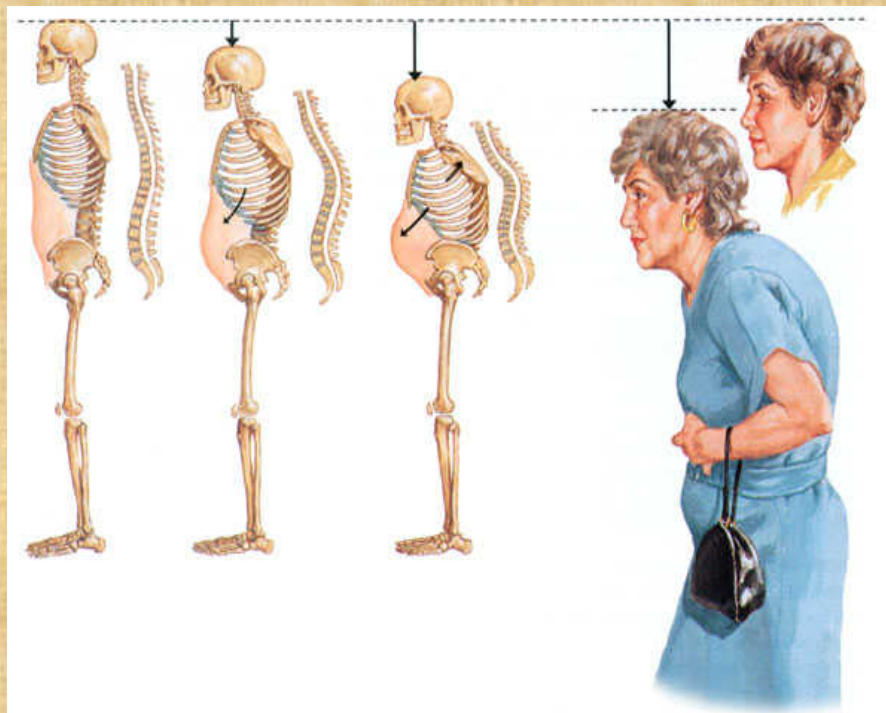
Україна. Львівська область.  
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An alternative method for prevention and treatment of  
the osteoporosis by apitoxins and bee products by

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The osteoporosis is a progressive disease which is *characterised by a decrease in bone mass and density that leads to an increased risk of fracture.*

25% women reached the age above 40 and 15% men above 50 suffer from this disease.



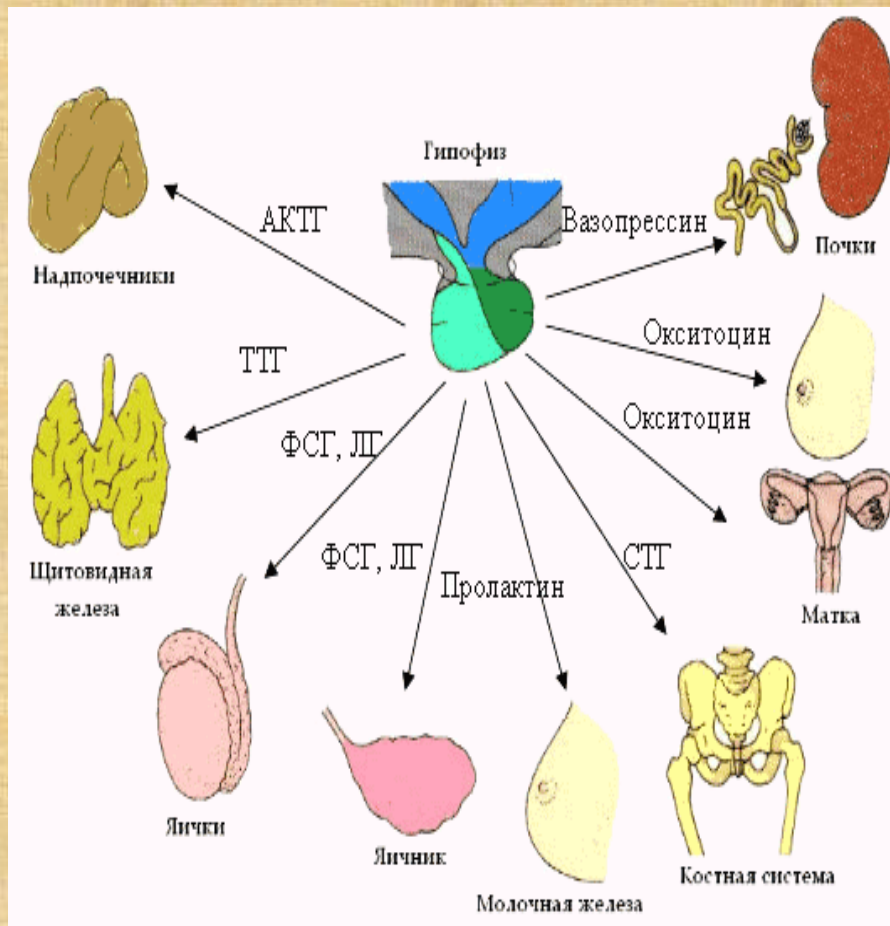
# Main causes:

- Irrational nutrition.
- Smoking, drinking too much alcohol and coffee.
- Continuous intake of medicines.
- Hypodynamia.
- Chronic insufficiency of kidneys
- Thyroid diseases.
- Diabetes.
- Hypofunction of ovary.
- Overactive adrenals.

## **Indirect symptoms of osteoporosis**

- Getting shorter for more 1-1.5 cm.
- Posture change.
- Spinal curvature.
- Pain in cervical and dorsal spine.
- Muscular weakness, tiredness, spasm of legs, early hair greyness, a rapid pulse, periodontitis, fragility of nails.
- Digestive tract diseases.

# Pathogenesis (The development of osteoporosis )



The cause of the development of the mentioned above disease is considered to be the sex hormone imbalance – testosterone and hormones of the thyroid such as calcitonin and parathormone.

The inability to absorb calcium and magnesium or vitamin D. The slowdown in conduction of nerve impulses in muscles.

# Conventional Treatment

**Hormone therapy**

**Bisphosphonate drugs**

**Strontium medication**

**Fluoro and Calcium carbonate with vitamin D-3**

**This treatment is long lasting and causes a range of health problems**

# Alternative phatogenetic treatment

- Every second in human body occur 10 milliard reductive oxidative reactions and for the reaction conductions are required nearly 3 thousand chemicals in form of enzymes, vitamins, microelements. 2400 of those chemicals are found in honey and bee products.
- Therefore honey and bee products are the main sources for restoration of energetic processes.

# Apitoxin



1. **Stimulates hypothalamus and restores cerebral cortex functions.**
2. **Activates the growth of stem cells .**
3. **Improves the nerve conduction in muscles.**
4. **Stimulates immune system.**
5. **Widens the blood vessels.**

# Dead bees



**Natural source of chitin.**

**Protects from radiation and stimulates restoration of osteocytes.**



# Wax moth extract



**The antioxidant , cardioprotective, immune stimulating, gerontoprotective , cancer protective effects.**

# Bee pollen

**Naturally balanced mixture of hormones with a high content of male sex hormones.**



# Ambrosia

**Naturally balanced mixture of hormones and vitamins which is rich in microelements and enzymes.**



# Royal jelly

**Naturally balanced mixture of protein and vitamins with a high content of microelements and enzymes.**



# Drone homogenized mixture

Naturally balanced mixture of protein and vitamins with a high content of microelements and enzymes.



# Propolis

**Natural stabile antibiotic.**



# Honey

**Naturally balanced mixture of hydrocarbonates and vitamins with a high content of micro and macroelements, enzymes and hormones.**

**Easing symptoms of acidity, alkalizes blood.**



# The regimen of treatment

**7:00 Getting up**

**7:15 Drinking water containing propolis 50 – 100 ml.**

**8: 00 Intake of mineral water.**

**8: 30 Intake of mixture (Honey, ambrosia, bee pollen).**

**9: 00 Foot massage, massage with rubbing a honey ointment.**

**10:15 Intake of mineral water.**

**10: 30 – 13: 00 Segmental massage, Massage of extremities, intake of honey and propolis contained mixture.**

**13: 00 Intake of mineral water.**

**14: 00 Lunchtime.**

**14: 30 – 16: 00 Rest time.**

**16: 00 – 18:00 massage of joints, swimming, apitherapy, baths.**

**18: 00 Intake of mineral water.**

**19: 00 Supper, walking, inhalation.**

**21: 00 Intake of honey mixture.**

**23: 00 Bedtime.**



**This treatment method has been applied to 102 sick people at the age from 40 to 60 since 1998. Among them - 80 women and 22 men. All the patients were beforehand screened at medical diagnostical centres and their confirmed diagnosis was osteoporosis. 90% sick people felt eased pain and their moving ability was improved and in 2 years the repeated medical examinations showed the increase in their bone density .**

**All things considered an important place should be taken by the use of apitoxin and bee products in the rehabilitation treatment of the osteoporosis. Nevertheless this method needs further research in the future.**