

**European Master Course “Pancreatology: past, present and future.
Diagnosis and therapy”**

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Key words: pancreatology, acute and chronic pancreatitis, pancreatic cysts, pancreatic cancer, diagnosis, treatment

On May 26-27 in Kyiv in the Ukrainian House there was a training course for physicians, gastroenterologists, endoscopists, surgeons, family physicians for the diagnosis and treatment of major diseases of the pancreas: acute and chronic pancreatitis, cystic formations, neuroendocrine tumors and adenocarcinomas.

Master Course was held under the auspices of the European Pancreatic Club and Karolinska University (Stockholm, Sweden). The main organizer was Ukrainian Pancreatic Club.

The opening of the Master Course was attended by the Secretary of the European Pancreatic Club Prof. Peter Hegyi (Hungary), President of the Ukrainian Pancreatic Club Prof. N.B. Gubergrits, chief gastroenterologist of Health Ministry of Ukraine, Corresponding Member of the NAMSU N.V. Kharchenko, chief surgeon of the Ministry of Health of Ukraine Prof. A.Y. Usenko, president of the Ukrainian Association of Gastroenterology Prof. O.Y. Babak, First Vice-Rector of Donetsk National Medical University n.a. M. Gorky Prof. P.G. Kondratenko.

Introduction lecture of the Master Course "Pancreatology: History and Prospects" was made by Prof. N.B. Gubergrits. She spoke about the major milestones in the history of the study of anatomy, physiology and pathology of the pancreas, the diagnosis of the development, therapeutic and surgical treatment of major diseases. Particularly she noted the role of the Ukrainian doctors, namely Kharkov physician A.Y. Danilevsky, academician A.A. Shalimov, academician M.M. Gubergrits, Prof. A.Y. Gubergrits.

A detailed report on the epidemiology of diseases of the pancreas in Ukraine was made by Y.M. Stepanov. In his report, he drew attention to the fact that the main global trend is the use of enzyme preparations in the form of minimicrospheres that maximizes the physiological digestion. About the risk factors and prevention of diseases of the pancreas reported Prof. G.D. Fadeenko, on comorbid diseases and treatment - Prof. O.Y. Babak.

A special section was devoted to the visualization of the pancreatic diseases. Presentations were made by Prof. Stephan Haas (Sweden), Prof. A.A. Litvin (Belarus), Assoc. Prof. S.V. Muzyka (Ukraine). Particular attention was paid to the diagnostic endosonography opportunities in Ukraine. He drew the attention of listeners to report of Assoc. Prof. S.V. Muzyka, which was made in collaboration with Prof. N.B. Gubergrits. They reported clinical cases, when there was a need for endosonography, then the results of the study and the therapeutic action in accordance with these results.

Most of the session was devoted to chronic pancreatitis: questions dealt dietetics (Prof. N.V. Kharchenko), treatment of the exocrine secondary pancreatic insufficiency (Prof. Stephan Haas, Sweden, and Prof. Matthias Lohr, Sweden). Speakers have substantiated the need for a "gold standard" of modern replacement therapy – minimicrospherical enteric-coated enzyme preparation Creon in a dose 40-50 thousand units of lipase at the main meal and 20-25 thousand units of lipase at the break meal for a long time (usually for life). An important point, which was separately pointed by Prof. Matthias Lohr, it is the particle size of the enzyme preparation. Formulations in minimicrospheres provide a higher therapeutic efficacy compared to microspheres. Such features are associated, first of all, with a more uniform mixing with the chyme and greater contact area in the enzyme preparation in the form of minimicrospheres. Detailed recommendations for the treatment of chronic pancreatitis were presented by Prof. Akos Szuks (Hungary). The special lecture was devoted to the relief of pancreatic pain (Prof. Stephan Haas, Sweden). Prof. Joachim Mossner (Germany) and Alexandra Demcsak (Hungary) paid attention to the value of genetic testing in children and adults with pancreatitis in their lectures.

Recent years have shown that the role of the genetic characteristics of the etiology and pathogenesis of pancreatitis is very high, and the information contained in the lectures is extremely important for the diagnosis and treatment of patients in Ukraine.

Details of the methods of surgical treatment of chronic pancreatitis were reported by Prof. Guralp Ceyhan (Germany) and Prof. A.Y. Usenko (Ukraine).

At the same time, on May 26 in the second hall there was a meeting on endocrine aspects of pancreatology, devoted to pancreatogenic diabetes, pancreatic pathology on the background of obesity and metabolic syndrome (made by Prof. I.N. Skrypnyk, Prof. L.N. Zhuravleva, Assoc. Prof. N.N. Zherdeva, Ukraine). In the same hall unresolved questions of pancreatic surgery were reported (Prof. V.I. Egorov, Russia, Prof. V.N. Klimenko, Ukraine). In addition, an interesting was a lecture by Prof. N.V. Dragomiretskaya on rehabilitation and sanatorium treatment of patients with pancreatic disease.

The second day of the Master Course was mostly devoted to the diagnosis and treatment of pancreatic tumors. His experience in this otno w enii shared prof. Tobias Keck (Germany), prof. Guralp Ceyhan (Germany), prof. VM Kopchak and d.med.n. KV Kopchak (Ukraine). About the diagnosis and treatment of cystic tumors of the pancreas reported prof. Marco del Chiaro (Sweden).

A separate session was devoted to theoretical foundations of pancreatology for clinicians. On the prospects of targeted therapy of pancreatic adenocarcinoma reported Prof. Matthias Lohr (Sweden), on the early mechanisms of acute pancreatitis and pancreatic cancer reported Prof. Alexey Tepikin (UK).

Particular attention was drawn to the section in which were presented international and European guidelines for the diagnosis and treatment of acute pancreatitis (Prof. Peter Hegyi, Hungary), chronic pancreatitis (Prof. Matthias Lohr, Sweden), cystic tumors of the pancreas (Prof. Marco del Chiaro, Sweden), adenocarcinoma of the pancreas (d.med.sc. K.V. Kopchak, Ukraine).

Academic Secretary of the European Pancreatic Club Prof. Peter Hegyi in special session, together with his counterparts from Hungary, spoke in detail about the protocols for research in pancreatology in Central and Eastern Europe (for acute pancreatitis in adults and children), and invited the Ukrainian doctors to participate in this work. Interesting was the message by Dr. G. Lapshin (Germany), who spoke about the Registry of patients with diseases of the pancreas in Germany and proposed to make the roster of patients from the Ukraine, followed by the ability to analyze data and to participate in the publications.

In the second hall on May 27 problems of diagnosis and treatment of acute pancreatitis were discussed (reports by Prof. A.I. Dronov, Prof. P.G. Kondratenko, Prof. Y.M. Susak, Prof. I.V. Khomyak, Ukraine). Modern approaches to nutrition in acute pancreatitis were outlined by chief nutritionist of Ministry of Health of Ukraine Assoc. Prof. O.V. Shvets. Particular attention was attracted to the report by Dr. Philip Abraham (India), dedicated to the enzyme inhibitor Ulinastatin for the treatment of acute pancreatitis, which will be presented on the pharmaceutical market of Ukraine.

All lectures and presentations of the Master Course were based on evidence-based research.

Master Course participants received European certificates (more than 400 doctors).

Guests (16 lecturers) were satisfied with kind attention, organization, cultural program.

The site of the Ukrainian Pancreatic Club (pancreatology.com.ua) in the nearest future will post video of the key speeches.

Dear colleagues! We do not leave hopes of holding of the meeting of the European Pancreatic Club, which is delayed due to the situation in our country, and we do everything to achieve our goal. Guests were convinced that Ukraine was a prosperous European country with great prospects.

Welcome to the world of pancreatology!

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The article presents a report on the Master Course “Pancreatology: past, present and future. Diagnosis and treatment” conducted in Kiev on May 26–27, 2016. The program of the Course and main directions of diagnostics and treatment of pancreatic diseases are summarized, as well as prospects of pancreatology in the world and in Ukraine.



Fig. 1. May 26, 8: 00. Registration begins.



Fig. 2. Opening of the Master Course.



Fig. 3. The opening lecture of the Master Course "Pancreatology: from past to future" by the President of the Ukrainian Pancreatic Club Prof. N.B. Gubergrits.



Fig. 4. Speaker Prof. M. Lohr (Sweden).



Fig. 5. On the treatment of chronic pancreatitis reports Prof. A. Szucs (Hungary)



Fig. 6. Prof. J. Mossner (Germany) gave a lecture about the genetic predisposition to pancreatitis.



Fig. 7. Speaker Prof. A.Y. Usenko (Ukraine).



Fig. 8. Doctors 'absorb' knowledge.