

Grek Andrey Vladimirovich Assistant Professor of Internal Medicine Department with Respiratory Medicine Center	
Contact Information:	Working address: 18, Kovpaka str. Sumy e-mail: a.grek@med.sumdu.edu.ua
The discipline he teaches:	Internal Medicine
Research interests:	Influence of methylenetetrahydrofolate reductase gene polymorphism on the course of acute coronary syndrome and pathogenetic substantiation of hypohomocysteinemic therapy during its development
Experience:	2005 - 2007 - physician, SMKL №4 2008 - 2011 - cardiologist Worked as a cardiologist PIT KZ SOKD 2014 - present - assistant of the department
Education:	2005 - Sumy State University, Medical Faculty, specialty "Medical business", qualification - doctor. 2005 - 2007 - internship in the specialty: "General practice - family medicine". 2011–2014 - postgraduate studies
Internship and advanced training:	2020 - Sumy State University, advanced training of teachers under the program "On innovative pedagogical activities"
Participation in domestic topics:	1. "Diseases of internal organs: predictors of development, optimization of diagnosis, treatment and prevention" (state registration number 0116U004046). 2. "Improvement of diagnosis, treatment and prevention of diseases of internal organs" (state registration number 0121U108891).
Main scientific articles:	1. 1. Ataman YO, Grek AV, Opolonskaya NO Investigation of vascular calcification of the lower extremities in elderly and senile patients // Bulletin of the Ukrainian Medical Dental Academy "Actual problems of modern medicine". - 2011. - Volume 11, issue 4 (36), part 1. - P. 8-11. 2. 2. Pristupa LN, Grek AV, Ataman Yu.O. Clinical significance of homocysteinemia in the atherosclerotic process (literature review) // Visnyk of SSU. Medicine series. - 2012. - № 1. - P.54-61. 3. 3. Greek A.V. Homocysteine level in patients with acute coronary syndrome // Proceedings of the International Scientific e-Symposium "Cardiology: Theory and Practice" - Russia, Moscow, June 27-30, 2013. - P. 6-14 4. 4. Greek AV, Savenko II, Sasyuk OS C677T methylenetetrahydrofolate reductase gene polymorphism in patients with acute coronary syndrome // Journal of Clinical and Experimental Studies.– 2014. - №2 (4). - R. 458 - 465. 5. 5. Pristupa LN, Grek AV, Ataman Yu.A., Orlovsky AV, Opolonskaya NA Clinical course of acute coronary syndrome depending

	<p>on the content of homocysteine and C677T polymorphism of the methylenetetrahydrofolate reductase gene // J. Georgian Medical News (Medical News of Georgia). - Tbilisi-New York, 2015. - № 1 (238) January. - P. 46-49</p> <p>6. 6. Grek Andrey V., Prystupa Lyudmyla N., Sytnik Tatiana V. Plasma homocysteine level and C677T polymorphism in MTHFR gene in patients with acute coronary syndrome // Journal of Biomedical and Clinical Research. Bulgaria. - 2015. - Vol. 8 № 1. - R. 46-51.</p> <p>7. 7. Pristupa LN, Ataman Yu.O., Grek AV, Zharkova AV, Susol Yu.M. The effectiveness of hypohomocysteinemic therapy in patients with acute coronary syndrome // J. "Actual problems of transport medicine", Odessa - 2015. - № 1 (39). - P. 91-95.</p> <p>8. 8. Ataman Yu.A., Ermolenko TS, Grek AV, Zharkova AV, Ovechkin DV Analysis of the connection of THR83ALA polymorphism of the matrix GLA protein gene with the development of calcification of the arteries of the lower extremities // J. "Georgian Medical News (Medical News of Georgia)". - Tbilisi-New York, 2016. - № 6 (252) January. - P. 73-79.</p>
Patents:	<p>Stalemate. 131951 Ukraine, MKP A 61 K 31/00. A method of treating patients with coronary heart disease after acute coronary syndrome with hyperhomocysteinemia / L.N. Pristupa (UA), A.V. Greek (UA), N.M. Kirichenko (UA), OV Orlovsky (UA), IM Martsovenko (UA), A.V. Bernatsky (UA); applicant Sumy State University (UA); declared 16/07/2018; publ. 11/02/2019, Bull. № 3</p>
Scientific work with students:	<p>1. 1. Grek AV, Monya YI, Kornienko MV The content of blood lipids depending on body mass index in patients with acute coronary syndrome with elevation of the ST segment // Current issues of modern medicine and pharmacy (to the 50th anniversary of the foundation ZSMU): abstracts of reports of the All-Ukrainian scientific-practical conference, Zaporizhia, April 18-25, 2018, May 30, 2018 - Zaporizhia: ZSMU, 2018. - P. 45.</p> <p>2. 2. Grek AV, Prystupa LN, Shkandala AY Correction of plasma homocysteine content in patients with acute coronary syndrome // Proceedings of the XV scientific conference of students and young scientists "News and prospects of medical science". - Dnipropetrovsk, April 15-17, 2015 - P.101.</p> <p>3. 3. Greek A.V. Pristupa LN, Budko VV Hyperhomocysteinemia - a factor of severity of acute coronary syndrome // Proceedings of the 60th scientific conference of students. - Tver, April 24, 2014. - P. 233.</p> <p>4. 4. Grek AV, Prystupa LN, Guchenko IP Prevalence of C677T polymorphism of methylenetetrahydrofolate reductase and its importance in the development of coronary heart disease // Proceedings of the International scientific-practical conference of students and young</p>

	<p>scientists "Current issues clinical and theoretical medicine ". - Sumy, April 10-12, 2013. - P. 290.</p> <p>5. 5. Grek AV, Pristupa LN, Klimenko VA The relationship between the C677T polymorphism of the methylenetetrahydrofolate reductase gene and homocysteine levels in patients with acute coronary syndrome // Proceedings of the 79th All-Russian Scientific Conference of Students and Young Scientists with International Participation "Young science and modernity ", dedicated to the 79th anniversary of KSMU. - Kursk, April 16-17, 2014. - Volume 1. P. 77.</p> <p>6. 6. Grek AV, Prystupa LN, Slukvina NA Frequency of genotypes by polymorphism C677T of the methylenetetrahydrofolate reductase gene depending on the severity of acute coronary syndrome // Proceedings of the II International scientific-practical conference of students and young scientists "Actual issues of theoretical and practical medicine ". - Sumy, April 16-18, 2014. - Sumy: SSU, 2014. - P. 153-154.</p> <p>7. 7. Grek AV, Prystupa LN, Susol YM Influence of basic therapy on the content of plasma homocysteine in patients with acute coronary syndrome // Collection of abstracts of the III International scientific-practical conference of students and young scientists " Current issues of theoretical and practical medicine. - Sumy, 2015. - Sumy: Sumy State University, 2015. - P. 79.</p>
Other professional activity:	<p>Therapeutic and diagnostic work on the basis of KNK SMKL №4. Cardiologist of the first category. Work experience 16 years.</p>