

MODERN SCIENCE

**Abstracts of LVIV International Scientific
and Practical Conference
Poland, Poznan**

**Poland, Poznan
26 – 27, October 2023**

UDC 001.1

BBK 29

The 59th International scientific and practical conference «Modern Science» (October 26-27, 2023) Myśl Naukowa, Poland, Poznan. 2023. 92 p.

ISBN 978-8-3235-5627-5

The recommended citation for this publication is:

Petrov P. Learning Styles and Strategies // Modern Science. Abstracts of the 59th International scientific and practical conference. Myśl Naukowa, Poland, Poznan. 2023. Pp. 39 - 43. URL: <http://el-conf.com.ua/>.

Science editor:

Solodka N.V.

Ph.D. in Economics, Associate Professor

Reviewers:

Monique Carnaghan

*Associate Professor in Economics in the Department of Economics,
University of Lethbridge, Canada*

Agata Dobosz

*Professor in the Department of Management and Business, Kozminski
University*

Collection of scientific articles published is the scientific and practical publication, which contains scientific articles of students, graduate students, Candidates and Doctors of Sciences, research workers and practitioners from Europe, Ukraine, Russia and from neighbouring countries and beyond. The articles contain the study, reflecting the processes and changes in the structure of modern science. The collection of scientific articles is for students, postgraduate students, doctoral candidates, teachers, researchers, practitioners and people interested in the trends of modern science development.

e-mail: el-conf@ukr.net

homepage: <http://el-conf.com.ua>

©2023 Myśl Naukowa

©2023 Authors of the articles

CONTENT

| | |
|--|----|
| <i>Abyzova L., Lypii Ye., Perun S.</i> METHODS OF ACTIVE LEARNING IN TEACHING PHILOSOPHY IN HIGHER EDUCATION | 5 |
| <i>Biletska A.</i> PEDAGOGICAL CONDITIONS OF THE PROCESS OF FORMING THE COGNITIVE ACTIVITY OF PRESCHOOL STUDENTS DURING FAMILIARITY WITH THE NATURAL ENVIRONMENT..... | 11 |
| <i>Voloshyn O., Voloshyn V., Rozvodovska L.</i> THE ASSESSMENT OF THE DYNAMICS OF THE LEVEL OF MORBIDITY OF THE ORGANS OF CIRCULATORY AND RESPIRATORY SYSTEMS IN THE REGIONAL ASPECT | 14 |
| <i>Hrybovska A., Paduchak O.</i> IP MEDIATION: SUCCESSFUL PRACTICES | 18 |
| <i>Hrushevska Ye.</i> THE ROLE AND PLACE OF ANIMATION TECHNOLOGIES IN THE DEVELOPMENT AND UPBRINGING OF MORAL QUALITIES OF PRESCHOOLERS | 24 |
| <i>Zagrebelna L., Teplytska H.</i> WAYS OF IMPLEMENTATION OF INTERSUBJECTS CONNECTIONS IN THE STUDY OF GEOGRAPHY | 30 |
| <i>Zakharchenko M.</i> POSSIBILITIES OF USING CHLORELLA FOR BIO-DESALINATION OF WATER | 35 |
| <i>Kovalenko O.</i> WALDORF PEDAGOGY AS A HEALTH EDUCATIONAL SYSTEM..... | 43 |
| <i>Lychkata N.</i> JURISDICTION OF THE INTERNATIONAL CRIMINAL COURT..... | 47 |
| <i>Liasota M.</i> ECOTOURISM IS THE KEY TO THE DEVELOPMENT OF RURAL REGIONS OF UKRAINE | 51 |
| <i>Nazarov T.</i> MODERN METHODS OF EVALUATION OF THE HEMOSTASIS SYSTEM..... | 55 |
| <i>Nikitenko L.</i> TOOLKIT OF PARTICIPATIVE DEMOCRACY. | 58 |
| <i>Novikov D. Subotin O.</i> ARTIFICIAL NEURAL NETWORKS AND THEIR TRAINING | 63 |
| <i>Olenych I., scientific supervisor Rudenko O.</i> RETORTION AS A MEASURE OF LEGAL INFLUENCE IN INTERNATIONAL PRIVATE LAW | 68 |

THE ASSESSMENT OF THE DYNAMICS OF THE LEVEL OF
MORBIDITY OF THE ORGANS OF CIRCULATORY AND
RESPIRATORY SYSTEMS IN THE REGIONAL ASPECT

Voloshyn O.

*Associate Professor of General Biology and
methods of teaching natural sciences department,
Ternopil Volodymyr Hnatiuk National
Pedagogical University,
Ternopil, Ukraine*

Voloshyn V.

*Associate Professor of Pathological Anatomy Department
with a sectional course and forensic Medicine,
I. Horbachevsky Ternopil National
Medical University,
Ternopil, Ukraine*

Rozvodovska L.

*master's student,
Ternopil Volodymyr Hnatiuk National
Pedagogical University,
Ternopil, Ukraine*

Abstract. *The work presents the results of the analysis of the dynamics of the morbidity of the organs of the circulatory system and the respiratory system in the regional aspect. Relevant data from the official medical statistics of the Ministry of Health of Ukraine for 2011 and 2017 in the Ternopil, Kyiv, and Zaporizhia regions were analyzed. It is pointed out the importance of studying the possible factors that determine the peculiarities of the level of morbidity in different regions of Ukraine.*

Key words: *diseases of the organs of the circulatory system, diseases of the respiratory system, age-related characteristics of the disease, medical statistics.*

The level of morbidity of the organs of the circulatory system of the population of Ukraine remains stably high and is a factor in the reduction of work capacity, the appearance of disability or premature

death in many patients. During the last decades, the highly developed countries of the world have observed a significant decrease in the mortality rate from coronary heart disease, stroke, myocardial infarction, and arterial hypertension. Against this background, significantly higher mortality rates from diseases of the circulatory system in Central and Eastern Europe, in particular, in Ukraine, are especially noticeable. The level of morbidity of the organs of the cardiovascular system in Ukraine is also increasing - over the past 25 years, their prevalence among the population has tripled. [1, p.12]. Indicators of the level of morbidity of organs of the circulatory system are significantly related to risk factors. Risk factors for cardiovascular diseases are divided into those that can be modified and those that cannot be modified. The first group includes hypertension, excess body weight, smoking, high blood cholesterol, impaired carbohydrate metabolism, and a number of other factors. The group of factors that cannot be modified include age, gender, and burdened heredity [2, p. 28]. Separately, it should be noted the negative trend towards the deterioration of the health of student youth and, in particular, the increase in the level of cardiovascular diseases among people of this age [3, p.13].

In addition to diseases of the circulatory system, diseases of the respiratory organs occupy a significant place in the structure of morbidity of the population. A number of environmental factors directly or indirectly contribute to limiting the mobility of the chest and lungs, thereby contributing to the occurrence of diseases due to impaired airway conduction, a decrease in the functionally active surface of the lungs, a decrease in the elasticity of the parenchyma, a decrease in the efficiency of blood circulation in the lungs [4, p. 11]. According to statistics, diseases of the respiratory system remain one of the leading causes of death. This has become especially important due to the spread of the coronavirus disease, which causes complications in the course of diseases of the bronchopulmonary system, respiratory, cardiovascular and other systems [5, p. 11].

The analysis of statistical data on morbidity in the Ternopil, Kyiv, and Zaporizhia regions showed the following. In 2011, the number of

first-time registered cases of diseases of the circulatory system per 100,000 people was the lowest in Zaporizhzhia region - 3,094. In Kyiv and Ternopil regions, this indicator was 4,342 and 4,817 cases, respectively. The incidence rate of the respiratory system was 27,405 cases per 100,000 population in Zaporizhzhia region, 30,183 cases in Ternopil region, and the highest value was in Kyiv region – 37,361 cases. In people aged 18 and older, the rate of morbidity of the organs of the circulatory system in Ukraine amounted to 6,013 first-time registered cases per 100,000 population, the similar rate of morbidity of the respiratory system was 17,422 cases. It should be noted that in persons of this age, the rate of morbidity of the circulatory system in Zaporizhzhya region was 3,440 cases per 100,000 population of the corresponding age, in Kyiv region – 5,061 cases, and in Ternopil region it was the highest – 5,772 cases. The rate of morbidity of the respiratory system in persons aged 18 years and older in Zaporizhzhya region amounted to 13,636 cases per 100,000 population of the corresponding age, in Ternopil region 18,071 cases, and in Kyiv region it was the highest - 19,344 cases [6, p.15, p.18, p.32].

In 2017, the number of first-time registered cases of diseases of the circulatory system per 100,000 people remained the lowest in Zaporizhzhia region - 2,943. In Kyiv and Ternopil regions, this indicator was 4,413 and 4,990 cases, respectively. The incidence rate of the respiratory system was 29,389 cases per 100,000 population in Zaporizhzhia region, 32,460 cases in Ternopil region, and the highest value was in Kyiv region – 40,043 cases. In persons aged 18 years and older, the rate of morbidity of the organs of the circulatory system in 2017 amounted to 4,971 first-time registered cases per 100,000 population in Ukraine, the similar rate of morbidity of the organs of the respiratory system was 15,363 cases. In people of this age, the rate of morbidity of the circulatory system in Zaporizhzhya region was 3,388 cases per 100,000 population of the corresponding age, in Kyiv region – 5,300 cases, and in Ternopil region, as in 2011, it was the highest – 5,958 cases. The rate of morbidity of the respiratory system in persons aged 18 and older in Zaporizhzhya region was 13,631 cases per 100,000 population of the corresponding age, in Ternopil region - 19,680 cases,

and in Kyiv region it was again the highest - 20,144 cases [7, p. 35, p. 40, p. 64].

So, in 2011, the rate of morbidity of circulatory organs in Ternopil region exceeded the corresponding indicators of Zaporizhzhia and Kyiv region by 35.76 % and 9.86 %. The level of respiratory diseases in Ternopil Oblast was 9.20 % higher than the similar indicator in Zaporizhzhia Oblast, but 19.21 % lower than in Kyiv Oblast. In 2017, this trend continues. The rate of morbidity of circulatory organs in Ternopil region exceeded the corresponding indicators of Zaporizhzhia and Kyiv region by 41.02 % and 11.56 %. The level of respiratory diseases in Ternopil Oblast was 9.46 % higher than in Zaporizhzhia Oblast, but 18.93 % lower than in Kyiv Oblast. The obtained results are a justification for the need for additional analysis of possible regional factors of influence on the indicators of morbidity of the organs of the circulatory system and the respiratory system in the specified regions.

Literature:

1. Terenda, N.O. (2015). Smertnist' vid sertsevo-sudynnykh zakhvoryuvan' yak derzhavna problema [Mortality from cardiovascular diseases as a state problem]. *Visnyk naukovykh doslidzhen' – Herald of scientific research*, 4, 11-13 [in Ukrainian].

2. Dyachuk, D.D., Moroz, G.Z., Gidzinska, I.M., Kravchenko, A.M., Lasytsia, T.S., & Dzizinska, O.O. (2019). Profilaktyka sertsevo-sudynnykh zakhvoryuvan': teoretychni zasady ta praktychne vprovadzhennya [Prevention of cardiovascular diseases: theoretical principles and practical implementation. Kyiv, SSI "SPC PCM" SAA [in Ukrainian].

3. Dereka, T.G., Tumanova, V.M., Bystra, I.I., & Hatsko, O.V. (2017). Otsinka adaptatsiynoho potentsialu sertsevo-sudynnoyi systemy studentiv I kursu [Evaluation of the adaptation potential of the cardiovascular system of first-year students]. *Journal "Science Rise: Pedagogical Education"*, 10(18), 13-17 [in Ukrainian].

4. Bilous, T.O., & Rebryna, A.A. (2015). Profilaktyka zakhvoryuvan' orhaniv dykhannya zasobamy likuval'noyi fizychnoyi kul'tury u protsesi profesiyno-prykladnoyi fizychnoyi kul'tury [Prevention of diseases of the respiratory organs by means of therapeutic physical

culture in the process of professional and applied physical culture]. *Moloda sportyvna nauka Ukrainy – Young sports science of Ukraine*, 3, 11-15 [in Ukrainian].

5. Fediv, A.I., Bahriy, V.M., Voloshyna, L.O., Kushnir, L.D., Vivsyannyk, V.V., & Ferfetska, K.V. *Fitoterapiya pry zakhvoryuvan-yakh orhaniv dykhannya: mynule i s'ohodennya* [Phytotherapy for respiratory diseases: past and present]. *Ukrayins'kyy terapevtychnyy zhurnal – Ukrainian therapeutic magazine*, 3, 60-66 [in Ukrainian].

6. *Zaklady okhorony zdorov'ya ta zakhvoryuvanist' naseleण्या Ukrainy u 2011 r.* [Healthcare institutions and morbidity of the population of Ukraine in 2011]. (2012). Kyiv: Derzhavnyi komitet statystyky Ukrainy [in Ukrainian].

7. *Zaklady okhorony zdorov'ya ta zakhvoryuvanist' naseleण्या Ukrainy u 2017 r.* [Healthcare institutions and morbidity of the population of Ukraine in 2017]. (2018). Kyiv: Derzhavnyi komitet statystyky Ukrainy [in Ukrainian].

УДК 347.996

Юридичні науки

IP MEDIATION: SUCCESSFUL PRACTICES

Aurika Hrybovska

candidate of legal sciences, deputy head

Oleksandra Paduchak

leading professional

*Mediation Center of Ukrainian National Office
for Intellectual Property and*

Innovations (IP office)

Kyiv, Ukraine

Abstract. *Today's realities show the growing interest of citizens in intellectual property rights. First of all, this is due to the expansion of the sphere of intellectual property law in Ukraine and the emergence of new objects that require effective regulation and protection, at the same time, the culture of protection of objects of intellectual property law is in a state of active development. In addition, there are general changes*