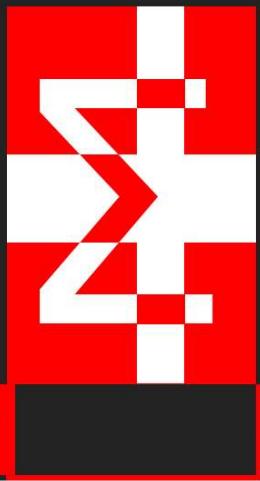


ΛΟΓΟ

DER SAMMLUNG WISSENSCHAFTLICHER ARBEITEN



DIE KUNST DES WISSENSCHAFTLICHEN DENKEN

ZU DEN MATERIALIEN DER II INTERNATIONALEN WISSENSCHAFTLICH-PRAKTISEN KONFERENZ

GRUNDLAGEN DER MODERNEN WISSENSCHAFTLICHEN FORSCHUNG

12. AUGUST 2022 • ZÜRICH, SCHWEIZ 



DOI 10.36074/logos-12.08.2022

ISBN 978-2-8315-3461-9 (PDF)

ISBN 978-617-8037-84-0



EUROPEAN
SCIENTIFIC
PLATFORM

ΛΌΓΟΣ

DER SAMMLUNG WISSENSCHAFTLICHER ARBEITEN

ZU DEN MATERIALIEN DER II INTERNATIONALEN
WISSENSCHAFTLICH-PRAKTISCHEN KONFERENZ

«GRUNDLAGEN DER MODERNEN WISSENSCHAFTLICHEN FORSCHUNG»

12. AUGUST 2022 • ZÜRICH, SCHWEIZ

Zürich, Schweiz
«BOLESWA Publishers»
2022

Vinnytsia, Ukraine
«Yevropeiska naukova platforma»
2022



Vorsitzender des Organisationskomitees: Holdenblat M.

Verantwortlich für Layout: Bilous T.

Verantwortlich für Design: Bondarenko I.



Die Konferenz ist im Katalog internationaler wissenschaftlicher Konferenzen enthalten, genehmigt von ResearchBib; ist von der Euro Science Certification Group zertifiziert (Zertifikat № 22380 vom 18.07.2022).

Konferenz Tagungsband sind gemäß der Creative Commons Attribution 4.0 International License (CC BY 4.0) öffentlich verfügbar.



Bibliografische Beschreibungen der Konferenz Tagungsband sind von CrossRef, ORCID, Google Scholar, ResearchGate, OUCI und OpenAIRE werden indiziert.

G 90

Grundlagen der modernen wissenschaftlichen Forschung der Sammlung wissenschaftlicher Arbeiten «ΛΟΓΟΣ» zu den Materialien der II internationalen wissenschaftlich-praktischen Konferenz, Zürich, 12. August, 2022. Zürich-Vinnytsia: BOLESWA Publishers & Europäische Wissenschaftsplattform, 2022.

ISBN 978-617-8037-84-0

«Europäische Wissenschaftsplattform», Ukraine

ISBN 978-2-8315-3461-9 (PDF)

«BOLESWA Publishers», Schweiz

DOI 10.36074/logos-12.08.2022

Es werden Thesen von Berichten und Artikeln von Teilnehmern der II internationalen wissenschaftlich-praktischen Konferenz «Grundlagen der modernen wissenschaftlichen Forschung», am 12. August, 2022 in Zürich vorgestellt.

UDC 001 (08)

ISBN 978-617-8037-84-0
ISBN 978-2-8315-3461-9 (PDF)

© Team der Konferenzautoren, 2022
© Europäische Wissenschaftsplattform, 2022
© BOLESWA Publishers, 2022
© IVFWKI, 2022

КОМПОЗИЦІЯ ВІТАМІН D3 ІЗ ТРІБЕСТАНОМ ЯК КОРЕКТОР СТАТЕВОЇ ПОВЕДІНКИ ТА СПЕРМОГРАМИ ЩУРІВ ІЗ ГОНДОПАТИЄЮ Науково-дослідна група: Смолєнко Н.П., Коренєва Є.М., Мараховський І.О., Чистякова Е.Є., Бєлкіна І.О., Величко Н.Ф., Бондаренко В.О.	173
КОРЕЛЯЦІЙНІ ЗВ'ЯЗКИ ОБ'ЄМУ ФОРСОВАНОГО ВИДИХУ ЗА ПЕРШУ СЕКУНДУ У ХВОРИХ НА ХРОНІЧНЕ ОБСТРУКТИВНЕ ЗАХВОРЮВАННЯ ЛЕГЕНЬ Пилипів Л.І.	176
КРИТЕРІЇ ВИБОРУ ПНЕВМОКОМПРЕСІЙНОГО ПРИСТРОЮ ПРИ ПАТОЛОГІЇ ОПОРНО-РУХОВОГО АПАРАТУ Зайцев Д.В., Василюк-Зайцева С.В.	178
ПРОБЛЕМАТИКА ВИБОРУ МЕТОДУ ЛІКУВАННЯ ПАЦІЄНТІВ З ПІСЛЯОПЕРАЦІЙНОЮ РУБЦЕВОЮ ДЕФОРМАЦІЄЮ ПЕРИАНАЛЬНОЇ ОБЛАСТІ Аксан М.В., Грицак Л.І.	181
ABSCHNITT XXIV. PHYSIKALISCHE KULTUR, SPORT UND PHYSIOTHERAPIE	
SUSTAINABILITY AS A RESOURCE FOR MAINTAINING MENTAL AND PHYSICAL HEALTH IN CONDITIONS OF MARTIAL STATUS AND DURING ACTIVE COMBAT FIGHTING Shepelenko T., Grinko V.	183
ABSCHNITT XXV. PHARMAZIE UND PHARMAKOTHERAPIE	
ДОСЛІДЖЕННЯ КІЛЬКІСНОГО ВМІСТУ МІКРО- ТА МАКРОЕЛЕМЕНТІВ TEUCRIUM CHAMAEDRYS L. Анзіна К.М.	187
ABSCHNITT XXVI. ARCHITEKTUR UND BAU	
TOWN PLANNING ORGANIZATION OF COASTAL TERRITORIES RIVER ECOSYSTEMS OF THE UKRAINIAN CARPATHIES Mykhailyk O.	189
ОРГАНІЗАЦІЯ ВНУТРІШЬОГО СЕРЕДОВИЩА ЗАКЛАДІВ ОХОРОНИ ЗДОРОВ'Я НА ОСНОВІ ПСИХОСОМАТИКИ СПРИЙНЯТТЯ ПРОСТОРУ Красножон Т.Ю.	194

ABSCHNITT XXIV. PHYSIKALISCHE KULTUR, SPORT UND PHYSIOTHERAPIE

DOI 10.36074/logos-12.08.2022.58

SUSTAINABILITY AS A RESOURCE FOR MAINTAINING MENTAL AND PHYSICAL HEALTH IN CONDITIONS OF MARTIAL STATUS AND DURING ACTIVE COMBAT FIGHTING

Shepelenko Tetiana

Ph.D.

Head of the department of physical education and sports

Ukrainian State University of Railway Transport

Grinko Vitaliy

Lecturer at the Department of Physical Education and Sports

Ukrainian State University of Railway Transport

UKRAINE

Introduction. During martial law, during active hostilities, an individual's mental health is increasingly at risk. There is the challenge of finding resources to deal with stress and mental health. In times of stress, it is important to take care of your own health and master coping strategies that allow you to cope with stress and overcome difficulties [1; 5].

Opinions on maintaining resilience in overcoming stressful situations (during martial law, during active hostilities) are divided. Some researchers give a significant role to attitudes, self-efficacy, optimism, satisfaction. Others consider viability as a resource aimed at maintaining activities, where motivation is its main component.

At the same time, in martial law, during active hostilities, there are two main forms of self-control – object (aimed at regulating the external conditions of psychomotor actions taking into account performance criteria and regulatory and technical requirements) and sub ' entry (associated with the control of internal emotional and mental states and current physical and psychosomatic well-being) [2; 4].

Control of internal emotional states, well-being, and willingness to take risks are important for persons under martial law, during active hostilities.

Presenting main material. To test the assumption, a comparative analysis of viability indicators was performed (according to the results of the study on the "Sustainability Questionnaire" by S. Muddy, adapted by E. Osin and O. Rasskazova) and social and work adaptation (according to the "Scale of Social and Work Adaptation"). The starting point for the study was the idea that regular physical activity (work) or other activities that involve physical activity in combination with the need for willpower increase the adaptive mechanisms of the individual to stressful situations (during martial law, during active combat) [3; 6].

Thus, the interviewed respondents were asked to assess their moral and mental state (denial, anger, bargaining, depression, and acceptance) in the first 30 days of

hostilities (on a scale from 0 to 100). The analysis revealed an unexpected tendency to demonstrate relatively low rates of viability in all groups of subjects. However, the structure of viability in groups with different time volumes of involvement in physical (labor) activities has significant differences (Fig. 1).

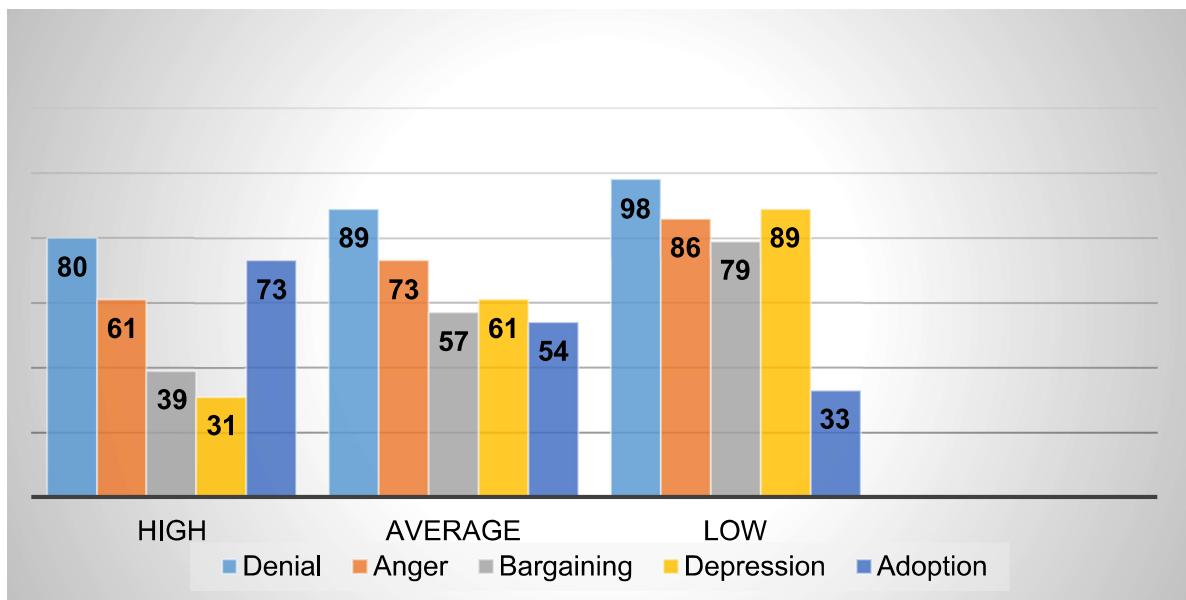


Fig. 1. The structure of the viability of persons with different time of involvement in physical (labor) activities (in martial law, during active hostilities)

So, consider a group with an average time of involvement in physical (labor) activities.

Denial is often the initial stage, in the form of temporary protection, manifested by numbness and shock. Therefore, it may be accompanied by a decrease in thinking and acting. The first hours, days and even weeks a person simply refuses to accept what happened. At this stage, it is important for a person not to run away from the problem, but it is important to talk about what worries family and friends, to seek support. It is also important to give yourself time to experience this stage, because during this period a person can gather a lot of information about the problem, which will help him in the next stage. Thus, the denial of reality in this group was at level 89 (respondents refused to believe what was happening).

When there is an awareness that change is real and nothing can be changed, denial often turns to anger. People tend to get angry, feel pain and look for the culprits, blaming someone or something for what is happening to them. At this stage, you should try to stop constantly remembering the events of the past in your memory. Anger in this group was at level 73.

Bargaining, an attempt to postpone the inevitable – the characteristic behavior of people who are experiencing painful changes. They begin to bargain to remove unwanted changes or find a way out of the situation. At this stage, a person makes promises or makes some agreements to get a little more to live by the old rules, to act in the direction in which he is accustomed. Bargaining is often associated with misunderstandings. In this group, the auction was at 57.

Depression occurs when the realization comes that bargaining does not bring results, and changes are approaching that are becoming more real. When you can

already feel the breath of all the losses that will lead to a number of inevitable sad changes in life, and everything we are so used to, we will have to leave. This schedule causes people to be depressed, sad, afraid, sorry, etc. Depression – easily from hopelessness and the energy of life leaves the body, a person loses the meaning of his life. It often seems that this is the lowest point in life, from which there is no way out. Therefore, outwardly a person may show indifference, isolation, repulsion of others and lack of excitement about something in life. During this period, a person seeks compassion and understanding from others. Depression in this group was at level 61.

Adoption. No matter how deep a person is, suffering is, slowly but steadily, he returns to normal life. At first, she will take a step forward and two steps back, but gradually she will begin to realize what has happened and will use hidden "reserves of forces". The person will be surprised to find that life has not stopped. At the stage of acceptance, a person not only learns to live in new conditions, but also motivates others, helps those who find themselves in difficult situations, inspires by their own example. The acceptance of the inevitable in this group was at level 54.

It was found that people who use daily physical (work) activities show average vitality, which may indicate a sufficient level of internal stress and the need to find other additional ways to overcome stressful situations.

For the group with low involvement in physical (work) activities, the indicators of vitality in general are quite low, as evidenced by the high level of internal stress.

Denial of reality in this group was at level 98 (respondents generally refused to believe what was happening). Anger in this group was at level 86. In this group, trading was at 79. Depression in this group was at level 89. Acceptance of the inevitable in this group was at level 33.

The general low indicators of viability of this group may be evidence that the subjects do not use physical (labor) activities as a resource in response to high stressful situations.

Subjects, groups involved in excessive physical (labor) activities. The following results were shown. Denial of reality in this group was at level 80 (respondents also found it difficult to believe what was happening). Anger in this group was at level 61 (indicating an attempt to accept what was happening). The bargain was at 39 (respondents tried to act more in an uncertain situation). Depression in this group was at level 31 (is evidence that the person was constantly busy). Acceptance of the inevitable was at level 73 (moral and volitional qualities at a high level). The dominant component in the structure of viability of this group is the acceptance of risk. This is an existential cognitive attitude to understanding any life situation, and hence a willingness to make unpredictable changes. Such readiness can be a sign that a person is ready to take responsibility.

Knowing the above five, stages of accepting the inevitable greatly simplifies the wide range of emotions and experiences that people may experience during change. After all, it gives people reassurance – relief from the fact that they understand what is happening to them. In addition, the awareness of the fact that these reactions, feelings and experiences are normal and not signs of weakness – fills a person with strength and inspiration to accept what happened.

Conclusions. Analysis of the results of the study allows us to talk about the tendency to demonstrate relatively low rates of viability in all groups of subjects. This is primarily due to the nervous and stressful situation (martial law, active hostilities).

References:

- [1] Grinko V.; Kudelko V.; Yefremova A.; Klokova S. Effect of aerobic direction on the flexibility of students. Dynamics and forecasting The Journal of Physical Education and Sport (JPES). Romania, June 30, 2020, pp. 1727-1733. DOI:10.7752/jpes.2020.04234.
- [2] Grinko V.; Kudelko V. Reactions of the Body, Which Occur Only During Sports. Research & Investigations in Sports Medicine. 8(5), RISM.000698. 2022. P. 770-771. DOI: 10.31031/RISM.2022.08.000698.
- [3] Grinko V.; Kudelko V.; Hlotov Y. Training of students' special endurance in ping-pong sport circles. Physical education of students. За ред. проф. Єрмакова С.С. Харків, 2017. 2. 52-60. doi: 10.15561/20755279.2017.0201.
- [4] Grinko V.; Kudelko V.; Hlotov Y. Prediction and increasing of general level of students' endurance by the exercises of aerobic direction. Physical education of students. За ред. проф. Єрмакова С.С. Харків, 2018. 1. 23 – 30. doi: 10.15561/20755279.2018.0104.
- [5] Гринько В. М.; Єфремова А. Я., Куделко В. Е. Дослідження рівня фізичної підготовленості студентів I-II курсів українського державного університету залізничного транспорту. Спортивні ігри. Sportyvni ihry. Спортивные игры. ХДАФК: Харків, 2020. 4(18), с. 14-21. doi: 10.15391/si.2020-4.02.
- [6] Гринько В.М.; Куделко В.Е. Теоретико-методичні аспекти організації занять з фізичного виховання у сучасній вищій освіті. Спортивні ігри. Sportyvni ihry. Спортивные игры. ХДАФК: Х., 2020; 2(16), с. 4-20. DOI: 10.15391/si.2020-2.

WISSENSCHAFTLICHE VERÖFFENTLICHUNG

ΛΌΓΟΣ

DER SAMMLUNG WISSENSCHAFTLICHER ARBEITEN

ZU DEN MATERIALIEN DER II INTERNATIONALEN
WISSENSCHAFTLICH-PRAKTISCHEN KONFERENZ

«GRUNDLAGEN DER MODERNEN WISSENSCHAFTLICHEN FORSCHUNG»

12. August, 2022 • Zürich, Schweiz

Ukrainisch, Russisch, Deutsch,
Englisch, und Französisch

Materialien werden im Wortlaut des Autors gedruckt

*Das Organisationskomitee teilt nicht immer die Position der Autoren
Für die Richtigkeit dieses Materials tragen die Autoren die Verantwortung*

Veröffentlicht (PDF): 12.08.2022. Zum Drucken signiert: 15.08.2022.

Format 60x84/16. Papieroffset. Schrift Arial. Digitaldruck.

Bedruckte Blätter: 12,09.

Auflage: 50 Exemplare. Gedruckt vom fertigen Originallayout.

Kontaktinformationen des Organisationskomitees:

Europäische Wissenschaftsplattform
21037, Ukraine, Winnyzja, Zodchih Straße, 18, Büro 81
Tel.: +38 098 1948380; +38 098 1956755
E-mail: info@ukrlogos.in.ua | URL: www.ukrlogos.in.ua

Mitorganisator der Konferenz:

Internationaler Verein zur Förderung der Wissenschaft der Kreativen Intelligenz (IVFWKI)
6026. Switzerland, Rain, Lucerne, Chrummweid 1

Herausgeber [PDF]: BOLESWA Publishers
1000, Schweiz, Lausanne, 61 Avenue d'Ouchy.

Herausgeber [gedruckte Exemplare]: Europäische Wissenschaftsplattform.
21037, Ukraine, Winnyzja, Zodchih Straße, 18, Büro 81. E-mail: info@ukrlogos.in.ua
Bescheinigung über das Thema Verlagswesen: ДК № 7172 vom 21.10.2020.



Голова оргкомітету: Голденблат М.А.

Верстка: Білоус Т.В.

Дизайн: Бондаренко І.В.



Конференцію включено до Каталогу міжнародних наукових конференцій ResearchBib та сертифіковано Euro Science Certification Group (Сертифікат № 22380 від 18.07.2022).

Матеріали конференції знаходяться у відкритому доступі на умовах ліцензії Creative Commons Attribution 4.0 International (CC BY 4.0).



Всі роботи збірника відображені та/або індексуються в CrossRef, ORCID, Google Scholar, ResearchGate, OUCI i OpenAIRE.

G 90 **Grundlagen der modernen wissenschaftlichen Forschung:**
збірник наукових праць «ЛОГОΣ» з матеріалами II Міжнародної науково-практичної конференції, м. Цюрих, 12 серпня 2022 р. – Вінниця-Цюрих: Європейська наукова платформа, BOLESWA Publishers, 2022. 208 с.

ISBN 978-617-8037-84-0

ISBN 978-2-8315-3461-9 (PDF)

«Європейська наукова платформа», Україна

«BOLESWA Publishers», Швейцарська Конфедерація

DOI 10.36074/logos-12.08.2022

В збірнику викладено статті та тези учасників II Міжнародної науково-практичної конференції «Grundlagen der modernen wissenschaftlichen Forschung», що відбулась 12 серпня 2022 року в м. Цюрих, Швейцарська Конфедерація.

УДК 001 (08)

ISBN 978-617-8037-84-0
ISBN 978-2-8315-3461-9 (PDF)

© Учасники конференції, 2022
© ГО «Європейська наукова платформа», 2022
© BOLESWA Publishers, 2022
© IVFWKI, 2022

НАУКОВЕ ВИДАННЯ

ΛΌΓΟΣ

ЗБІРНИК НАУКОВИХ ПРАЦЬ

З МАТЕРІАЛАМИ ІІ МІЖНАРОДНОЇ
НАУКОВО-ПРАКТИЧНОЇ КОНФЕРЕНЦІЇ

«GRUNDLAGEN DER MODERNEN WISSENSCHAFTLICHEN FORSCHUNG»

12 серпня 2022 • Цюріх, Швейцарська Конфедерація

Українською, російською, німецькою,
англійською та французькою мовами

*Всі матеріали пройшли оглядове рецензування
Організаційний комітет не завжди поділяє позицію авторів
За точність викладеного матеріалу відповідальність несуть автори*

Опубліковано (PDF) 12.08.2022. Підписано до друку 15.08.2022.
Папір офсетний. Гарнітура Arial. Цифровий друк. Формат 60×84/16.
Умовно-друк. арк. 12,09. Замовлення № 325.
Тираж: 50 екземплярів. Віддруковано з готового оригінал-макету.

Оргіназційний комітет конференції:
ГО «Європейська наукова платформа»
21037, Україна, м. Вінниця, вул. Зодчих, 18, офіс 81
Телефони: +38 098 1948380; +38 098 1956755
E-mail: info@ukrlogos.in.ua | URL: www.ukrlogos.in.ua

Співорганізатор конференції:
Internationaler Verein zur Förderung der Wissenschaft der Kreativen Intelligenz (IVFWKI)
6026. Switzerland, Rain, Lucerne, Chrummweid 1

Видавець [PDF]: BOLESWA Publishers
1000, Schweiz, Lausanne, 61 Avenue d'Ouchy.

Виготовлювач [друковані копії]: ГО «Європейська наукова платформа».
21037, Україна, м. Вінниця, вул. Зодчих, 18, офіс 81. E-mail: info@ukrlogos.in.ua
Свідоцтво суб'єкта видавничої справи: ДК № 7172 від 21.10.2020.