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HASIL PENILAIAN SEJAWAT SEBIDANG ATAU *PEER REVIEW*
KARYA ILMIAH : JURNAL ILMIAH

Judul Artikel Ilmiah : **Exposure of Lead in Bone of Pregnant Women and the Incidence of Low Birth Weight in Infants**

Nama semua penulis : **Triana Srisantyorini, Anies, Suhartono, Mohammad Zen Rahfiludin**

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Status Jurnal:

- Nama Jurnal : **Turkish Journal of Physiotherapy and Rehabilitation**
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	Reviewer I	Reviewer II	
a. Kelengkapan unsur isi jurnal (10%)	4	3	3,5
b. Ruang lingkup dan kedalaman pembahasan (30%)	7,5	11	9,25
c. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)	10	11	10,5
d. Kelengkapan unsur dan kualitas penerbit (30%)	9,5	11	10,25
Total = (100%)	31	36	33,5
Nilai pengusul = 40% x 33,5 = 13,4 / 3 = 4,666			

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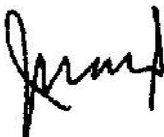
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No	Komponen yang dinilai	Nilai Maksimal Artikel Jurnal bereputasi & memiliki impact factor Q4	Nilai yang didapat artikel
a	Kelengkapan unsur isi artikel (10 %)	4	4
b	Ruang lingkup & kedalaman pembahasan (30 %)	12	7,5
c	Kecukupan dan kemutahiran data/informasi dan metodologi (30 %)	12	10
d	Kelengkapan unsur dan kualitas jurnal (30%)	12	9,5
	Nilai Total	40	31
	Nilai yang didapat pengusul: $40\% \times 31 = 12,4 / 3 = 4,13$		

Catatan Penilaian artikel oleh Reviewer

a	Kelengkapan unsur isi artikel	Unsur artikel ini sudah memenuhi panduan dari jurnal yang dituju yang terdiri dari judul, abstrak, <i>introduction/background, methods, results, discussion, conclusions</i> , dan <i>references</i> dengan jumlah 57 serta ditampilkan <i>fgures</i> dan <i>tables</i> .
b	Ruang lingkup & kedalaman pembahasan	Pembahasan fokus pada paparan besi pada wanita hamil serta kejadian BBLR, penjabaran tiap variabel cukup detail dengan referensi internasional.
c	Kecukupan dan kemutahiran data/informasi dan metodologi	Metode artikel dijabarkan jenis penelitian, lokasi dan waktu penelitian, populasi dan teknik pengambilan sampel dengan kriteria inklusi, serta analisis statistik yang digunakan.
d	Kelengkapan unsur dan kualitas jurnal	Artikel ini dipublikasikan pada jurnal berindex scopus Q4 dengan <i>impact factor</i> SJR 2020: 0,125.

Surabaya, 2021
Reviewer 1



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Hasil Penilaian Peer Review:

No	Komponen yang dinilai	Nilai Maksimal Artikel Jurnal bereputasi & memiliki impact factor Q2	Nilai yang didapat artikel
a	Kelengkapan unsur isi artikel (10 %)	4	3
b	Ruang lingkup & kedalaman pembahasan (30 %)	12	11
c	Kecukupan dan kemutahiran data/informasi dan metodologi (30 %)	12	11
d	Kelengkapan unsur dan kualitas jurnal (30%)	12	11
	Nilai Total	40	36
	Nilai yang didapat pengusul: 40% x 36 = 14,4 / 3 = 4,8		

Catatan Penilaian artikel oleh Reviewer

a	Kelengkapan unsur isi artikel	Isi artikel sudah sesuai dengan panduan dari jurnal yang dituju yaitu <i>Turkish Journal of Physiotherapy and Rehabilitation</i> , yang meliputi abstrak, <i>background, materials & methods, results, discussion, conclusions</i> dan <i>references</i> .
b	Ruang lingkup & kedalaman pembahasan	Topik yang diangkat mengenai paparan <i>lead</i> pada wanita hamil dan kaitannya dengan kejadian BBLR. Pembahasan cukup baik dengan mengambil referensi dari database internasional seperti scopus untuk merangkum hasil penelitian dan kesimpulan.
c	Kecukupan dan kemutahiran data/informasi dan metodologi	Metode <i>literature review</i> dengan sumber database yang digunakan baik yaitu scopus dan beberapa database lainnya yang terbit 10 tahun terakhir. Penyajian dan teknik pengambilan literaur dijelaskan dengan baik.
d	Kelengkapan unsur dan kualitas jurnal	Artikel dipublikasikan pada jurnal internasional bereputasi dan memiliki <i>impact factor</i> Q4 SJR 2020: 0,125



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A SURVEY ON EXTENDED REALITY TRENDS AND DIFFERENT FRAMEWORKS USED FOR AUGMENTED REALITY GAMING.

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ABSTRACT

The adoption of AR and VR technologies is surging rapidly thus driving the extended reality market. To proceed with Extended Reality, this paper projects an inclusive review depending on different trends and different frameworks used for augmented reality. Various trends of extended reality are analyzed like augmented reality shopping, AR navigation, AR in automotive industry and their market growth in the future are also studied. The framework of augmented reality includes Vuforia, Kudan, EasyAR, Maxst, Onirix, Pikkart, Layar SDK, Lumin, AR.js, ARCore and ARKit. The difference between these frameworks are analysed and the most appropriate framework for the project is decided. This paper examines a comparative study of augmented reality projects with their advantages and drawbacks.

I. INTRODUCTION

An emerging umbrella term for all immersive technologies is Extended Reality. We have virtual reality (VR), augmented reality (AR), and mixed reality (MR) today. The reality we undergo is experienced either by blending the virtual and “real” worlds or by creating a fully immersive experience by all these immersive technologies. The virtual objects are overlaid in the real world in augmented reality. The real world is enhanced with digital details such as animation, video, text, and images. Users are not disengaged from the real world and can still interact with digital objects. Extended reality is changing the landscape in many industries. There has been a fantastic growth for augmented reality in 2020. The use of this technology as commercial has been increased due to its use by market leaders like Google, Snapchat, Flipkart, Google, Apple, and Amazon.[1][5]

II. RECENT TRENDS IN EXTENDED REALITY

Mobile AR

Apple ARKit and Google ARCore are majorly used augmented reality development tools for smartphones. These kits are open source and any developer can use them free of cost to construct their augmented reality application. Since 2017, these tools have helped software developers ease into the AR market. Due to this kits' greater app support, AR-capable devices and their users have vastly increased. Some of the latest advances include location anchors, new depth API, and enhanced face tracking. [5]

Shopping & Retail

Customers are given a virtual alternative to shop by some retailers, like Sephora, Uniqlo, Lacoste, Kohls, American Apparel. Others have made virtual fitting rooms a reality for their clients. This permits clients to have an insight into the product from home. This is particularly significant in the Covid-19 pandemic situation because of how social separating arrangements influence retail. AR is in an incredible situation to determine this issue.

BUILDING A PSYCHOLOGICAL PROGRAM TO DEAL WITH LONELINESS IN YOUNG PEOPLE

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ABSTRACT

The research problem was summarized by the following question: Will the researcher be able to build a psychological counselling program that helps young people deal with the feeling of loneliness to lead a normal life? The importance of the research lies in the fact that it is the first - according to the researcher's knowledge - in Iraq, at least, that includes a program based on the psychology of loneliness, which is a test of the feeling of loneliness. The objectives of the research were summarized by building a test to measure loneliness, and according to the test paragraphs, to build a psychological program that helps young people deal with loneliness, according to the principle of training through the test. The researcher presented several definitions of the main search terms collected from various studies. For example, according to one of the definitions of loneliness, loneliness is a complex mental excitement that is generally experienced in the form of an unpleasant feeling of tension due to a lack of contact or commonality with others. The second chapter included: the theoretical framework and previous studies. In the third chapter, the research procedures were presented and included a detailed presentation of the scale and the program that the researcher had built. Appendices 1 were presented for testing and 2 for the program after the sources were presented.

Keywords:

Loneliness, psychological program. Young people.

CHAPTER ONE

I. INTRODUCTION:

Psychologists, sociologists, and anthropologists all agree that they view humans as social beings who need the support and companionship of other individuals during different stages of the life cycle. Any understanding of human existence must clarify people's need for personal interactions, bonds, and friendship (Storr, 1988). It is important to distinguish deep and good relationships from a shallow and bad ones, satisfying through a continuum of measures. The measure of loneliness represents a person's sense of inner displeasure at some time in his life regardless of his/ her age. Moreover, people differ in their experience of frustration.

The acute feeling of loneliness is fleeting for most people, while loneliness and social alienation are near-constant realities of their everyday lives for others. Poets and philosophers have debated the existential sense of isolation, while psychologists have tried to understand why certain people suffer from loneliness more than others, considering their acculturation. Many questions arise in the minds of all of us, such as Which situations or conditions make an individual live the experience of loneliness, and why does it seem that some people deal with loneliness more positively, and in all ages in which these feelings prevail. Although all people spend a great deal of their time alone, only some view solitude as painful or evoke feelings of loneliness and isolation (Spitzberg & Hurt, 1987).

Research problem:

where she worked as an administrator for the psychological counselling and educational counselling unit in the college in which she works as a university professor, and by listening to many consultations from university students, and other consultations from young men and women through electronic platforms such as Facebook and others, the researcher was surprised more than any A time ago with the seriousness of loneliness and its impact

EFFECTIVENESS OF SUPERVISED AND NON-SUPERVISED CARDIAC REHABILITATION ON SUBJECTS WITH POST CORONARY ARTERY BY-PASS SURGERY

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ABSTRACT

Aim: To study the effect of supervised home based cardiac rehabilitation versus unsupervised home based cardiac rehabilitation in improving health related quality of life after CABG by MacNew questionnaire

Method: 60 subjects recruited for the study after CABG and they were conveniently allotted into supervised group and unsupervised group. Both the groups' baseline HRQOL is assessed by Macnew questionnaire in the hospital at the time of discharge. both groups were given home based cardiac rehabilitation program which includes, risk factors modifications, and life style modification and structured home based aerobic exercise program three to five sessions per week for 6 weeks. Supervised group is contacted during the study by house visit and phone calls but unsupervised group were not contacted for 6 weeks.

Outcome measures: Macnew HRQOL questionnaire was administered to assess the quality of life at baseline and after three months of rehabilitation program for both the groups.

Results: Significant improvements were found in both groups for the majority of subscales of Macnew HRQOL at first week and after 6 weeks of follow-up. However, these improvements did not differ significantly between the groups. Compared to the unsupervised group significant differences ($P=0.012$) for the emotional subscale were found and not much differences in physical ($p<.41$) and social ($p<.68$) domains of Macnew HRQOL in the supervised than the unsupervised group.

Conclusion: HRQOL after HBCR in CABG patients improved markedly over time, but no significant or clinically important differences were found when compared with supervised and unsupervised group. Thus work to further develop and test the effect of a SHBCR on HRQOL in patients undergoing rehabilitation following CABG is warranted.

KEYWORDS: Non supervised cardiac Rehabilitation, supervised cardiac Rehabilitation, Post CABG; HRQOL; MacNew HRQOL questionnaire

THE METHOD OF USING THE FUNCTIONAL-DIFFERENTIAL EQUATION IN DETECTING PARASITES IN CHILDREN

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ANNOTATION

In the article we will consider the types of helminths found in the body of young children, their distribution, reproduction and harm to the human body. And also effective methods of treating these helminths in children. An attempt has been made to describe the dynamics of the development of helminthic invasion - parasites in the human body. With the help of differential equations using a mathematical model of the development of parasites, the dynamics of their change in time is described using the initial conditions.

Keywords: helminthic disease, mathematical model, functional differential equations with delay, hospital treatment.

I. INTRODUCTION

The article discusses the use of functional differential equations in the diagnosis of helminths in children - the analysis of the stability of stationary solutions, their harmful effects on the human body, that is, methods of mathematical argumentation of ways to get rid of these pests.

In Uzbekistan, an active fight is underway against various diseases caused by helminths, protozoa, as well as bacteria and viruses that occur in adults, especially in young children. While most parents know briefly about the parasites that inhabit the bodies of their children, they do not know what type they are.

It is known that helminthic diseases occur in humans, animals and plants. To date, it is known that more than 270 species of helminths live in the human body. However, 40 of these types of parasites are constant companions of humans and cause significant outbreaks in the body.

The most common type of helminths in young children is pinworms. Pinworms are small helminths belonging to the class of nematodes, the average size of which does not exceed 10-12 mm. Torso circular, elongated shape and has an angular view of the ends. Males and females of this species are different from each other. During the breeding season, the female lays eggs, so they are larger than the males. As for the spread of these parasites, their development will be much better if the air is moderate and the temperature is from 30⁰ to 40⁰ degrees, as their seeds sink to the ground. When the air is humid and the temperature is between 10⁰ and 15⁰ degrees, their development slows down.

Treatment of helminths is very important, because their effect on the human body leads to negative consequences. It is well known that this disease, if not treated in time, can cause many other diseases and shorten a person's life by 10-15 years.

Each parasite, including helminths has favorable conditions for life in a living organism. Pinworms and other helminths live in the intestines in the digestive system of children. If you have observed young children, they put

THE CURRENT SITUATION AND SOLUTIONS FOR ENGLISH LANGUAGE COMMUNICATIVE LEARNING AT SOME VIETNAMESE NATIONAL SCHOOLS IN VIETNAM

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ORIGINAL ARTICLE

ABSTRACT

Purpose: The English language education in high schools in Vietnam has achieved many significant achievements over the years, but there are still many limitations in the method of teaching at high schools in many schools.

Methods: The article presents some points and arguments in the method of teaching English, improving and overcoming problems in communicative English teaching.

Results: A large number of students in high schools in Vietnam can firmly grasp the grammar and vocabulary, but communicating in English during learning is still not possible. Some of the students are unable to communicate despite mastering grammar.

Conclusions: Improving the ability of children to communicate in English at high school levels should be paid more attention to. In addition, it is important to recognize the role of using foreign language in teaching language communication at high schools in Vietnam.

Keywords: communicative, English teaching, Vietnam education sector

I. INTRODUCTION

In the age of highly developed technology, English has also become a global language. Therefore, to bring Vietnam to integrate into the world's economy, the training of children to become global people is very necessary and important [1]. In the current situation in most high schools, most teachers and students spend all their time teaching and learning grammar, memorizing list of words instead of actually going out and giving what they have learned into practice. For those who have rushed into and out of the school environment to learn English, or moved abroad to work or travel, their English skills improve rapidly. While it is still extremely important to learn the written language in the curriculum, to improve their grammar and build their vocabulary, the most effective learning is still face-to-face [2].

Foreign languages play an important role and position in the education and training and in the development of the country [3]. In general, not only is knowing a foreign language an indispensable requirement for highly skilled workers to meet the constantly renewed technological processes, but knowing a foreign language is also a necessary capacity for Vietnamese.

In order to be able to access world knowledge, first of all, it is necessary to be good at foreign languages to foster knowledge on a par with the times, each person must be fluent in at least one foreign language [2].

II. RESEARCH CONTENTS

Research history



**KOMISI ETIK PENELITIAN KESEHATAN
HEALTH RESEARCH ETHICS COMMITTEE
FAKULTAS KESEHATAN MASYARAKAT UNIVERSITAS DIPONEGORO
FACULTY OF PUBLIC HEALTH DIPONEGORO UNIVERSITY**

**KETERANGAN LOLOS KAJI ETIK
DESCRIPTION OF ETHICAL APPROVAL
"ETHICAL APPROVAL"**

No : 530/EA/KEPK-FKM/2019

Protokol penelitian yang diusulkan oleh :
The research protocol proposed by

Peneliti utama : Triana Srisantyorini
Principle Investigator

Nama Institusi : Universitas Diponegoro
Name of the Institution

Anggota Peneliti : 1. Prof. Dr. dr. Anies, M. Kes, PKK
Member 2. Dr. dr. Suhartono, M. Kes 3. Dr. M. Zen Rahfiludin, SKM., M. Kes

Dengan judul :
Title

"Pajanan Timbal pada Ibu Hamil sebagai Faktor Risiko Kejadian Bayi Berat Lahir Rendah (Studi di Wilayah Pertanian Kabupaten Brebes, Jawa Tengah)"

Dinyatakan layak etik sesuai 7 (tujuh) Standart WHO 2011, yaitu 1) Nilai Sosial, 2) Nilai Ilmiah, 3) Pemerataan Beban dan Manfaat, 4) Risiko, 5) Bujukan/Eksploitasi, 6) Kerahasiaan dan Privacy, dan 7) Persetujuan Setelah Penjelasan, yang merujuk pada Pedoman CIOMS 2016. Hal ini seperti yang ditunjukkan oleh terpenuhinya indikator setiap standar.

Declared to be ethically appropriate in accordance to 7 (seven) WHO 2011 Standards, 1) Social Values, 2) Scientific Values, 3) Equitable Assessment And Benefits, 4) Risks, 5) Persuasion/Exploitation, 6) Confidentiality and Privacy, and 7) Informed Consent, referring to the 2016 CIOMS Guidelines. This is as indicated by the fulfillment of the indicators of each standard.

Pernyataan Laik Etik ini berlaku selama kurun waktu tanggal 27 November 2019 sampai dengan tanggal 27 November 2020

This declaration of ethics applies during the period Nov, 27th 2019 until Nov, 27th 2020

Semarang, 27 November 2019
Professor and Chairperson,

Prof. Dr. dr. Anies, M. Kes, PKK.
NIP. 195407221985011001