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

Judul Artikel Ilmiah : **A dynamic model approach to estimating events dengue hemorrhagic fever in gowa district**
 Nama semua penulis : Iham Salam, Arsunan, A. A, Atjo Wahyu, Agus Bintara Birawida, Aminuddin Syam, Anwar Mallongi, Sukri Palutturi, **Farid Agushybana**
 Status Pengusul (coret yg tidak perlu) : ~~Penulis Utama/ Penulis Utama & Korespondensi/ Penulis Korespondensi/ Penulis Anggota~~

Status Jurnal:

- Nama Jurnal : Annals of the Romanian Society for Cell Biology
- Tahun terbit/Vol/No/halaman : 2021/Volume 25/ Issue 1,/Pages 4240-4248
- Edisi (bulan, tahun) : Januari 2021
- ISSN : 1583-6258
- DOI : -
- Alamat WEB Jurnal/ Proceeding : <http://annalsofrscb.ro/index.php/journal/article/view/543>
- Terindex di : Scopus Q4 SJR= 0,106

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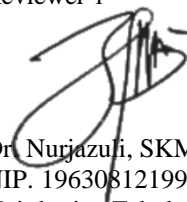
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a	Kelengkapan unsur isi artikel	Abstrct, introduction, method, research result, discussion, conclusion, and references. Memenuhi unsur artikel jurnal ilmiah.
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Semarang, 6-7-2021

Reviewer 1



Dr. Nurjazuli, SKM., M.Kes

NIP. 196308121995121001

Unit kerja : Fakultas Kesehatan Masyarakat UNDIP

Jabatan : Lektor

Kepala

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d	Kelengkapan unsur dan kualitas jurnal (30%)	12	12
	Nilai Total	40	38,6
	Nilai yang didapat pengusul: $38,6 \times 0,4 = 15,44 / 7 = 2,2$		

Catatan Penilaian artikel oleh Reviewer

a	Kelengkapan unsur isi artikel	artikel mengandung unsur 40 sesuai utk publikasi ilmiah
b	Ruang lingkup & kedalaman pembahasan	lingkup meliputi DHF di Gowa, yg dibahas secara cukup mendalam.
c	Kecukupan dan kemutakhiran data/informasi dan metodologi	pendalaman berbagai data dan metodologi yg sesuai.
d	Kelengkapan unsur dan kualitas jurnal	terdapat jurnal bereputasi Scopus, dimana penulis merupakan salah 1 koresponden yg sesuai bidag ilmu yg.

Semarang,
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dr. Antono Suryoputro, MPH, Ph.D
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Annals of the Romanian Society for Cell Biology
Volume 25, Issue 1, 2021, Pages 4240-4248

A dynamic model approach to estimating events dengue hemorrhagic fever in gowa district (Article)

Salam, I.^a ✉, Arsunan, A.A.^b, Wahyu, A.^c, Birawida, A.B.^d, Syam, A.^e, Mallongi, A.^d, Palutturi, S.^f,
Agushyana, F.^g 👤

^aPublic Health Study Program, Faculty of Sports Science, Manado State University, Indonesia

^bEpidemiology Department, Faculty of Public Health, Hasanuddin University, Indonesia

^cDepartment of Occupational Safety and Health, Faculty of Public Health, Hasanuddin University, Indonesia

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Abstract

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Introduction: Dengue Hemorrhagic Fever (DHF) is a public health problem in tropical and subtropical countries. The low ability to anticipate the incidence of DHF is due to the unavailability of a reliable prediction model for dengue fever incidence. This study aims to estimate dengue fever incidence in Gowa Regency in 2020-2040 using a dynamic model approach. Methods: This study uses the Research and Development (R&D) method with a dynamic systems approach. The research was conducted in Gowa Regency with the research sample in dengue case data in Gowa Regency in 2014-2018. Interpretive Structural Modeling (ISM) is carried out to determine the right scenario in controlling dengue cases. The prediction model for dengue fever was analyzed using the PowerSim program. Results: The jumantik program, 3M Plus, early warning systems, and counseling are crucial elements of DHF prevention in the Gowa Regency. The estimated average incidence of dengue fever for 20 years in Gowa Regency has decreased based on dynamic model simulations by implementing the Jumantik scenario (70.8%), 3M Plus (78.9%), early warning systems (86.2%), extension (73, 81%) and the combined scenario (99.14%). Conclusion: The prevention and control of dengue fever in the Gowa Regency is more effective by combining jumantik, 3M Plus, early warning systems, and counseling programs. © 2021, Universitatea de Vest Vasile Goldis din Arad. All rights reserved.

Author keywords

DHF Dynamic Model ISM

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Publisher: Universitatea de Vest Vasile Goldis din Arad

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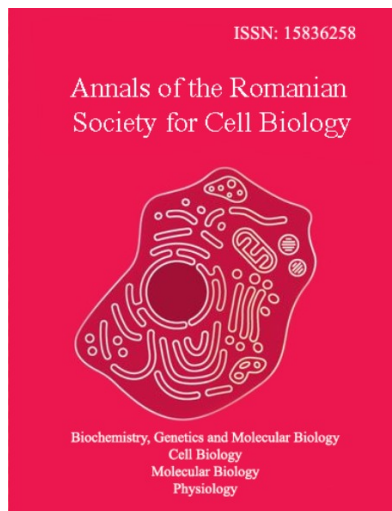
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Laser confocal microscopic study of callose in plants at nature submergence

The dispersion and relative substance of callose in cell dividers of epidermis, mesophyll and vessels of conductive packs of *Potamogeton perfoliatus*, *Potamogeton pectinatus* and *Myriophyllum spicatum* leaves with the laser confocal microscopy (LSM 5, Germany) and Pascal program dissected and contrasted with leaf anatomical qualities. Nature submergence animates callose creation in leaf cells of the epidermis and mesophyll. The reliance on content callose in cell dividers on species, tissue and plant stage advancement set up. It is uncovered that callose substance of mesophyll cells of plants during vegetative stage is significantly more in examination with that in leaves at the blossoming phase of plants.

Histological aspects of the esophagus at Chinchilla (*Chinchilla lanigera*)

From three clinically solid Chinchilla guys butchered by the proprietor for their hide, were gathered throat pieces having a place with the three unique regions: cervical, thoracic and stomach. The tissue pieces were handled by the paraffin incorporation strategy so as to perform histological examination. In each of the three distinct fragments, the esophageal mucosa is spoken to by a separated squamous epithelium with a granular layer twice as evolved contrasted and the spinosum layer and with a medium level of surface keratinization. Muscularis of the mucosa is all around spoke to and present in every one of the three fragments, with an attentive thickening inclination from the cervical to the stomach portion. It is arranged on a solitary layer and is framed from smooth muscle cells with longitudinal orientation.

The antioxidants are not enough. *Malus sylvestris* (L.) Mill. extract enhances the carbon tetrachloride liver toxicity in albino rats

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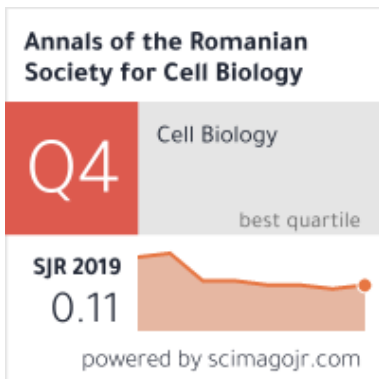
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A teal poster with white text and icons. The title is "COVID-19 How to safely greet others". The main text says "Avoid physical contact. Safe greetings include a wave, a nod or a bow". Below the text are three icons: a hand waving, a head nodding, and a person bowing. At the bottom, it says "For more information, go to ics-shipping.org/covid19".

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Atul Garg, Pinaki Ghosh, Kamali Gupta, Devendra Prasad

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The Effect of the Meaningful Task-Oriented Activity on Upper Extremity Function in Patient with Hemiplegic Stroke (<http://annalsofrscb.ro/index.php/journal/article/view/64>)

So-Young Han, Byung-Il Yang, Ha-Na Kim, Jung-Woo Jeong, Sung-Ryong Ma, Bo-Kyoung Song

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The Role of Vascular Pathology in the Development and Progression of Deforming Osteoarthritis of the Joints of the Lower Extremities (Literature Review)

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Abstract.

There is growing evidence that vascular pathology plays a role in the onset and / or progression of an underlying joint disease: osteoarthritis deformans (DOA). Possible mechanisms: an episodic decrease in blood flow in small vessels in the subchondral bone at the ends of long bones and a related decrease in the flow of interstitial fluid in the subchondral bone. Blood flow can be reduced due to venous occlusion and stasis or due to the development of microembolism in the subchondral vessels. There are several probable factors of subchondral ischemia: the first of them is a violation of the metabolism of nutrients in the articular cartilage, which is a potential initiator of degradation changes in the cartilage. The second is apoptosis of osteocytes in the regions of the subchondral bone, which initiates the resorption of osteoclasts of this bone and, at least temporarily, reduces the bone support for the overlying cartilage. It may be important to recognize these potential etiological factors in order to develop more effective therapies that prevent progression of OA.

Key words: Osteoarthritis, blood vessels, chronic venous insufficiency, subchondral bone, venous stasis, osteocyte viability, osteoclasts.

Introduction

This review examines the evidence supporting the concept that vascular pathology may play a role in the onset and / or progression of an underlying joint disease: DOA. Although DOA is characterized by progressive degenerative damage to the articular cartilage, as the name suggests, significant changes occur in the bones of the affected joints. Bony changes with established DOA include subchondral cysts, sclerosis, and osteophyte formation.

However, the detection of changes in the subchondral bone by MRI even in the early stages of DOA has led to the assumption that DOA may arise as a bone disease affecting bone structure and remodeling, rather than a disease that directly affects the articular cartilage. It is more likely that DOA has multiple etiologies that converge, leading to the recognized manifestations of joint pain, stiffness, and degeneration of articular cartilage. Genetic and environmental risk factors for DOA, such as weight gain,

The Effect of the Meaningful Task-Oriented Activity on Upper Extremity Function in Patient with Hemiplegic Stroke

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Corresponding author* : Bo-Kyoung Song, E-mail : bksong@kangwon.ac.kr

Abstract

Background/Objectives: The aim of the study was to examine the influence of the meaningful task-oriented activities on upper extremity function in patients with hemiplegic stroke.

Methods/Statistical analysis: The patients were randomly divided into two group: the meaningful task training group (N=13), the general occupational therapy group (N=12). The study group get additional treatment combined with the meaningful task-oriented training, and the control group received general occupational therapy.

Findings: Task-oriented approach is an efficient treatment method consisting of tasks to increase the participation of activities of daily living by effectively providing functional activities to the patient. Unlike the treatment that previously trained a single motion repeatedly, it consists of functional tasks. However, despite this importance, interventions for the recovery of upper extremity function in clinical practice are still focused on simple and repetitive joint motion, recovery of upper extremity function and enhancement of muscle strength on more affected side. Therefore, this study reports the importance of the meaningful task-oriented training in intervention to improve upper extremity function. The result is as follows. Firstly, there was a considerable significant difference between the upper extremity function in the meaningful task training group ($p<.05$), but not significant difference in the general therapy group ($p>.05$). Secondly, there was no significant difference between the two groups after intervention ($p>.05$). The results revealed that there was a significant difference the result in the meaningful task-oriented training group.

Improvements/Applications: It is thought that it can be applied as an effective treatment for recovery of upper extremity function recovery in hemiplegic patients after stroke through meaningful task-oriented training.

Keywords : Stroke, Hemiplegia, Meaningful task-oriented training, Upper extremity function, Manual function test