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

Judul Artikel Ilmiah : **The Effect of Bitter Melon (*Momordica Charantia L.*) Leaves Extract on TNF- α Serum Levels and Diabetic Foot Ulcers Improvent : Rendomized Controlled Trial**

Nama semua penulis : Fahrur Nur Rosyid, Edi Dharmana, **Ari Suwondo**, Deri Nugroho HS, Sugiarto
Status Pengusul (coret yg tidak perlu) : ~~Penulis Utama/ Penulis Utama & Korespondensi/ Penulis Korespondensi/ Penulis Anggota~~

Status Jurnal:

- Nama Jurnal : Biomedical and Pharmacology Journal
- Tahun terbit/Vol/No/halaman : 2018/Volume 11/ No. 3/ Hal. 1413-1421
- Edisi (bulan, tahun) : September 2018
- ISSN : 0974-6242 (Print) , 2456-2610 (Online)
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- Alamat WEB Jurnal/ Proceeding : <https://biomedpharmajournal.org/vol11no3/the-effect-of-bitter-melon-momordica-charantia-l-leaves-extract-on-tnf-%CE%B1-serum-levels-and-diabetic-foot-ulcers-improvement-randomized-controlled-trial/>
- Terindex di : Scopus SJR 2018 : 0,142

Kategori Publikasi (beri tanda V yang sesuai)

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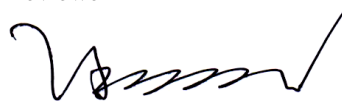
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No	Komponen yang dinilai	Nilai Maksimal Artikel Jurnal internasional bereputasi & memiliki impact factor SJR 2018 : 0,142	Nilai yang didapat artikel
a	Kelengkapan unsur isi artikel (10 %)	4	4
b	Ruang lingkup & kedalaman pembahasan (30 %)	12	10
c	Kecukupan dan kemutahiran data/informasi dan metodologi (30 %)	12	11
d	Kelengkapan unsur dan kualitas jurnal (30%)	12	10
	Nilai Total	40	35
	Nilai yang didapat pengusul:	$35 \times 0.4 = 14 / 4 = 3,5$	

Catatan Penilaian artikel oleh Reviewer

a	Kelengkapan unsur isi artikel	Kelengkapan isi artikel sudah sesuai teriri dari introduction, material and methods, result, discussion, conclusion, references
b	Ruang lingkup & kedalaman pembahasan	Pembahasan baik menggunakan 53 referensi yang terdiri dari 15 jurnal. Namun hanya 6 jurnal yang update
c	Kecukupan dan kemutahiran data/informasi dan metodologi	Penelitian menggunakan data primer. Topik penelitian cukup uptodate. Metode yang igunakan sesuai dengan tujuan penelitian
d	Kelengkapan unsur dan kualitas jurnal	Jurnal terindeks scopus, ber ISSN dan DOI. SJR 0,142

Semarang, 22 Maret 2020
Reviewer 1



Dr. Ir. Mursid Rahardjo, M.Si
NIP. 196608261997031002
Unit kerja : Fakultas Kesehatan Masyarakat UNDIP
Jabatan : Lektor Kepala

**LEMBAR
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b	Ruang lingkup & kedalaman pembahasan (30 %)	12	11
c	Kecukupan dan kemutahiran data/informasi dan metodologi (30 %)	12	12
d	Kelengkapan unsur dan kualitas jurnal (30%)	12	11
	Nilai Total	40	38
	Nilai yang didapat pengusul:	$38 \times 0.4 = 15,2 / 4 = 3,8$	

Catatan Penilaian artikel oleh Reviewer

a	Kelengkapan unsur isi artikel	Artikel sudah sesuai dengan unsure isi jurnal
b	Ruang lingkup & kedalaman pembahasan	Pembahasan cukup dalam dan baik. Artikel membahas tentang pengaruh ekstrak daun bitter melon terhadap kadar serum TNF- α penderita diabetes.
c	Kecukupan dan kemutahiran data/informasi dan metodologi	Data infomasi dan metodologi cukup mutakhir. Acuan yang digunakan cukup banyak yaitu 53 karya ilmiah
d	Kelengkapan unsur dan kualitas jurnal	Merupakan jurnal internasional bereputasi dengan SJR 2018 0,142. Kualitas jurnal cukup baik, reviewer dari jurnal berasal dari berbagai negara

Semarang, 3 April 2020
Reviewer 2



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Unit kerja : Fakultas Kesehatan Masyarakat UNDIP
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Biomedical and Pharmacology Journal [Open Access](#)
Volume 11, Issue 3, September 2018, Pages 1413-1421

The effect of bitter melon (*Momordica charantia* L.) leaves extract on TNF- α serum levels and diabetic foot ulcers improvement : Randomized controlled trial (Article) [Open Access](#)

Rosyid, F.N.^a, Dharmana, E.^b, **Suwondo, A.**^c, Heri Nugroho, K.H.S.^d, Sugiarto^e

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Abstract

Diabetic foot ulcer (DFU) is among the many complications of diabetes and it takes a very long period of time to heal. It can lead to the amputation of the lower limb, thereby resulting to death or in most cases, a bad quality of life. The aim and objective of this study is to assess the effect of bitter melon leaves extracts on serum TNF- α levels and improvement of diabetic foot ulcers. The study technique used here is the randomized, double-blinded, placebocontrolled trial. Thirty patients suffering from DFU participated in the trial and according to PEDIS scores were divided into two groups, of which 15 patients were in the treatment group and administered with bitter melon leaves extract at a dose of 6 g/day and the remaining 15 patients were in the control group and were given placebo. This intervention was done for 4 weeks and the examination of serum TNF- α levels was carried out at baseline and at the end of treatment. The readings of the healing process for diabetic foot ulcers with PEDIS scores were also taken at baseline, weeks 2, 3 and 4. Data were analyzed using the paired t-test and the independent t test. After 4 weeks of treatment, there was a decrease in baseline serum TNF- α levels in the treatment and control groups (29.5 ± 8.6 pg/ml, $P = 0.0001$ and 202.5 ± 610.2 pg/ml, $P = 0.001$). There was no effect on serum TNF- α levels ($P = 0.28$). There was a decrease in PEDIS degrees from baseline, week 2, 3 and 4 in the treatment and control groups (2.7 ± 0.5 ; 2.7 ± 0.5 ; 2.7 ± 0.6 ; 1.9 ± 0.6 and 2.6 ± 0.5 ; 2.6 ± 0.5 ; 2.5 ± 0.6 ; 2.2 ± 0.8). However there was no effect on diabetic foot ulcer improvement both groups in week 2 ($P = 0.46$), week 3 ($P = 0.57$) and week 4 ($P = 0.29$). Bitter melon leaves extracts is proven to have no effect on the serum TNF- α levels and improvement of diabetic foot ulcers. © 2018 Oriental Scientific Publishing Company.

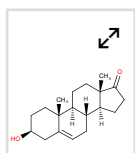
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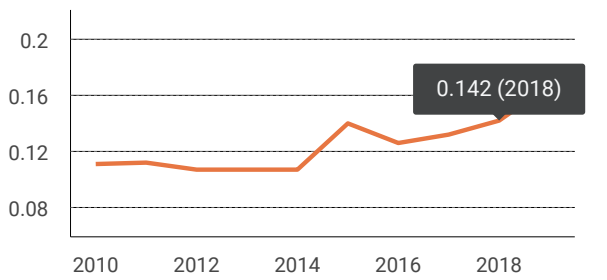


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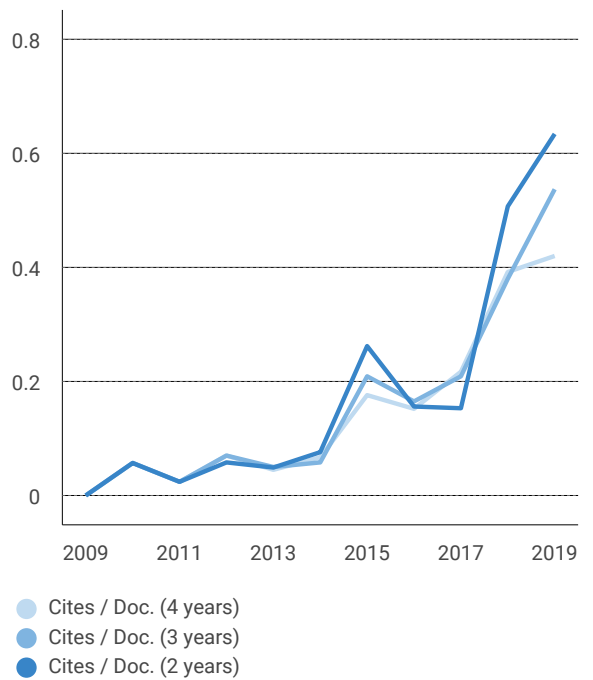
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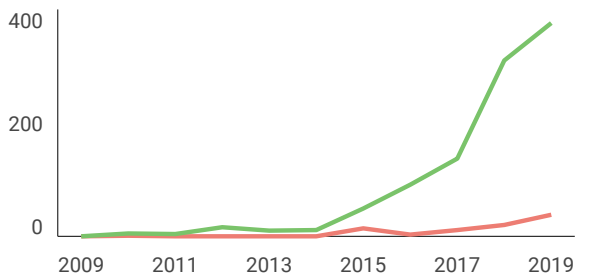
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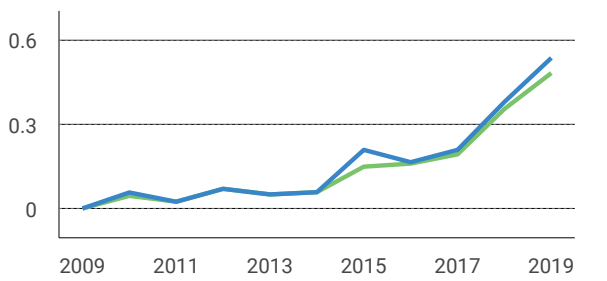
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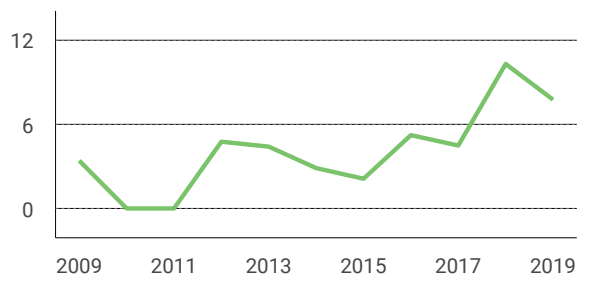
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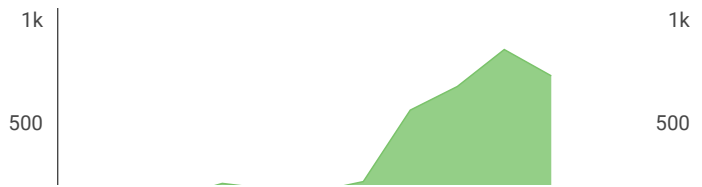


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N Ni Putu Linda Laksyani 11 months ago

In Scopus, the coverage year is until 2020. Why in SJR is the coverage until 2019?

reply

SCImago Team



Melanie Ortiz 11 months ago

Dear Ni Putu,

Thank you very much for your comment.

All the metadata have been provided by Scopus /Elsevier in their last update sent to SCImago, including the Coverage's period data. The SJR for 2019 was updated on June 2020, 11. We suggest you consult the Scopus database directly to see the current index status as SJR is a static image of Scopus, which is changing every day.

Best Regards, SCImago Team

E EA 12 months ago

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reply



ISSN: 0974-6242

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DOI Prefix : 10.13005	
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Journal Information	

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Volume 11, Number 3

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Omar M. E. Abdel-Salam¹ , Amany A. Sleem², Marawan Abd El-Baset Mohamed Sayed², Yasser A. Khadrawy³ and Fatma A. Morsy⁴

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Ayush Dogra , Bhawna Goyal  and Sunil Agrawal

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Oral Health Related Quality of Life with Mandibular Resection Prosthesis



Pages : 1423-1428

Parithimar Kalaignan  and Jaya Shree Mohan 

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Nipah Virus: An Outbreak of Deadly Paramyxvirus

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The outbreak of the deadly virus namely nipah virus has been first discovered in Malaysia in 1988. The later outbreaks were recorded in Bangladesh and India. The natural host of this virus is found to be fruit bats. From the fruit bats the virus gets transferred to fruits and vegetables and animals also. Mainly pigs are the ones which easily get infected due to the virus. The fatality rate is very high due to this virus. No vaccine has been yet developed which can cure human infection. In this article the development of nipah virus from 1998 to 2018 is studied and current developments, preventive measures have been studied in order to prevent the future outbreaks.

Keywords: Nipah Virus, Paramyxvirus, Infection, Fatal, Bioterrorism, Vaccine.

In the present era of emerging technology, the act of war between the countries will lead to the complete destruction of the earth because the nuclear weapons which have been developed by the countries for their safety will not only demolish one nation but whole of the world in some or the other way⁽⁴¹⁾. Therefore, any country will not take the risk of using nuclear weapons to destroy their enemy nation. However in order to take revenge now the countries are using biological agents to destroy their competitor country. This act is known as bioterrorism. Bioterrorism attack can be defined as the purposeful release of viruses, bacteria or other biological agents which causes ultimate death and are further transmitted to other organisms⁽⁴²⁾. The main reason of spreading bioterrorism attack is to affect the productivity of the country which

will lead to economic breakdown. The major pathogens which are used as biological weapon are anthrax, plague, equine encephalitis virus etc ⁽⁴⁰⁾. Recently few years back one new brain damaging virus was discovered which although was a natural phenomenon emergence but many scientists considered it as a biological weapon named as Nipah Virus(NiV) ⁽³⁹⁾.

It is a form of zoonosis and is a life threatening disease for both animals and human beings. NiV was first discovered in Malaysia in 1999 and was named after the place of discovery which was Sungai Nipah, Malaysia. At that time the hosts were identified as the hosts because the infection was seen in pig farmers ⁽⁴³⁾. However in the later outbreaks no intermediate hosts was seen. The actual identification was first seen in



Management of Major Obstetric Haemorrhage using ROTEM Point-of-Care Haemostasis Analysers Can Reduce Blood Product usage Without Increasing Fibrinogen Replacement Therapy

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Major obstetric haemorrhage (MOH) is a leading cause of maternal death and morbidity, with the majority of deaths occurring within four hours of delivery. Therefore, prompt identification of women at risk of MOH is crucial for the rapid assessment and management of blood loss to urgently restore haemodynamic stability. Furthermore, as the rate of blood loss during MOH can increase rapidly in the time when laboratory results are awaited, the management of MOH could benefit from point-of-care coagulation testing by the ROTEM analyser which has a quicker turnaround time compared to standard laboratory coagulation tests. A number of studies indicate that ROTEM-based management of MOH has resulted in a significant reduction in massive transfusions and decreased transfusion of concentrated red cells (CRC) and fresh frozen plasma (FFP) due to a reduction in total blood loss. Several reports which have linked MOH to the depletion of fibrinogen reserves indicate that the reduction in CRC and FFP transfusions is largely due to an increase in early fibrinogen replacement therapy which corrects hypofibrinogenemia. This short report discusses preliminary findings on the impact of ROTEM point-of-care haemostasis analyser on the transfusion of various blood products to obstetric women experiencing MOH at the Royal Gwent Hospital in South Wales. The number of blood products transfused following decisions based on the ROTEM analyser measurements (ROTEM group) was compared to historical transfusion data before the ROTEM analyser became available (Pre-ROTEM group). Blood product transfusion in the Pre-ROTEM group was guided by measurements of standard laboratory coagulation tests in conjunction with the established major haemorrhage protocols at the time. The findings indicate that the ROTEM analyser was effective in managing MOH at point-of-care and led to a reduction in the transfusion of CRC, FFP and platelets. However, contrary to published studies, the reduction in blood product usage was not accompanied by an increase in fibrinogen replacement transfusion therapy, suggesting that the ROTEM's FIBTEM assay accurately quantified fibrinogen levels based on fibrin-clot firmness to enable an early diagnosis of hypofibrinogenemia. Early establishment of the absence of hypofibrinogenemia helped to prevent unnecessary transfusion of fibrinogen concentrate in this study. These findings support the adoption of routine use of ROTEM analysers at point-of-care on labour wards to manage MOH and reduce fibrinogen replacement therapy. The ease of use and rapidity of ROTEM tests could enable departure from globally directed correction of coagulopathy during MOH to a more focussed and precise target transfusion therapy, which will ultimately reduce blood product wastage (including fibrinogen concentrate) whilst minimising transfusion-associated side effects such as alloimmunisation, circulatory overload and dilutional coagulopathy.

Keywords: ROTEM; Point-of-care; Major obstetric haemorrhage; fibrinogen concentrate; haemostasis; transfusion therapy;

