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

Judul Jurnal Ilmiah : The Effect of Diabetes Self-Management Education and Support (Artikel) (DSME/S) on Self-Efficacy in Type 2 Diabetes Mellitus Patients Jumlah Penulis 5 orang Status Pengusul penulis ke - 3 Identitas Jurnal Ilmiah Nama Jurnal : a : Journal of Medical Science and Clinical Research Nomor ISSN : 2347-176x (online) 2455-0450 (print) Vol, No., Bln Thn : Vol 7, Issues 5(2019), 635-641 C d Penerbit IGM Publication e DOI artikel (jika https://dx.doi.otg/10.18535/jmsr/v7i5.102 ada) Alamat web jurnal https://jmscr.igmpublication.org/home/index.p hp/archive/162-volume-07-issue-05-may-2019/7376-the-effect-of-diabetes-selfmanagement-education-and-support-dsme-son-self-efficacy-in-type-2-diabetes-mellitus-Alamat Artikel https://jmscr.igmpublication.org/v7i5/102%20jmscr.pdf Terindex Copernicus

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3. Kecukupan dan kemutakhiran data/informasi dan metodologi: Peta yong disajihan cukup memadai Partisipan terdiri dan 15 opang untuk masing-masing kebanyak yarg mendapatkan infervensi manayeman diri (edulasi)dan dukungan, kebanpak yarg mendapat edulasi manayeman diri saja dan Kelompok kontrol yang tulak mendapatkan intervensi. Analisis data relevan dengan tujvan Originalitas memadai dengan mempertimbangkan 2 kelompok intervensi dun 1 kelompok kontrol, serta mempertimbangkan Turn it in similarity indas: 15%.
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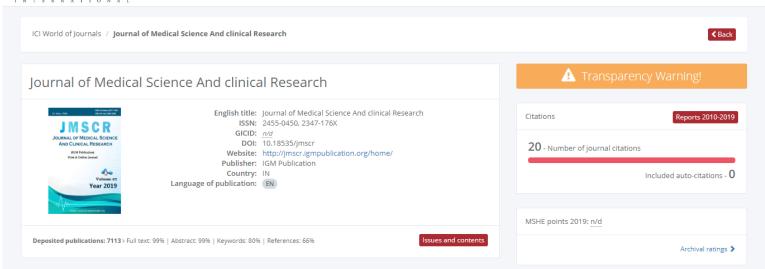
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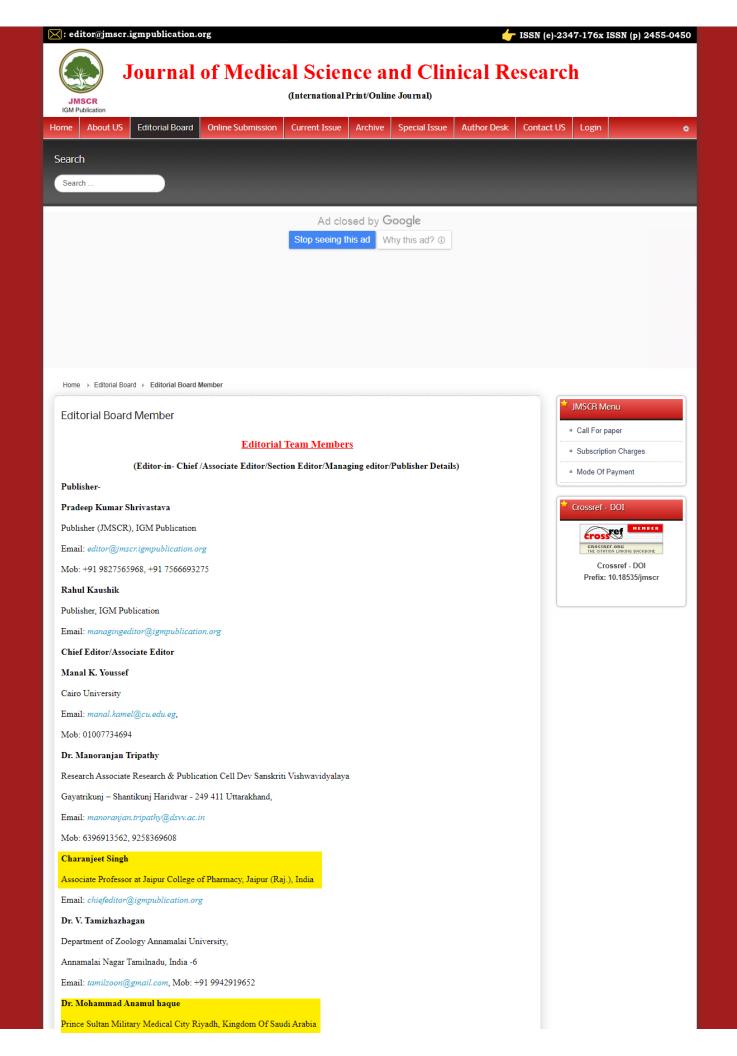
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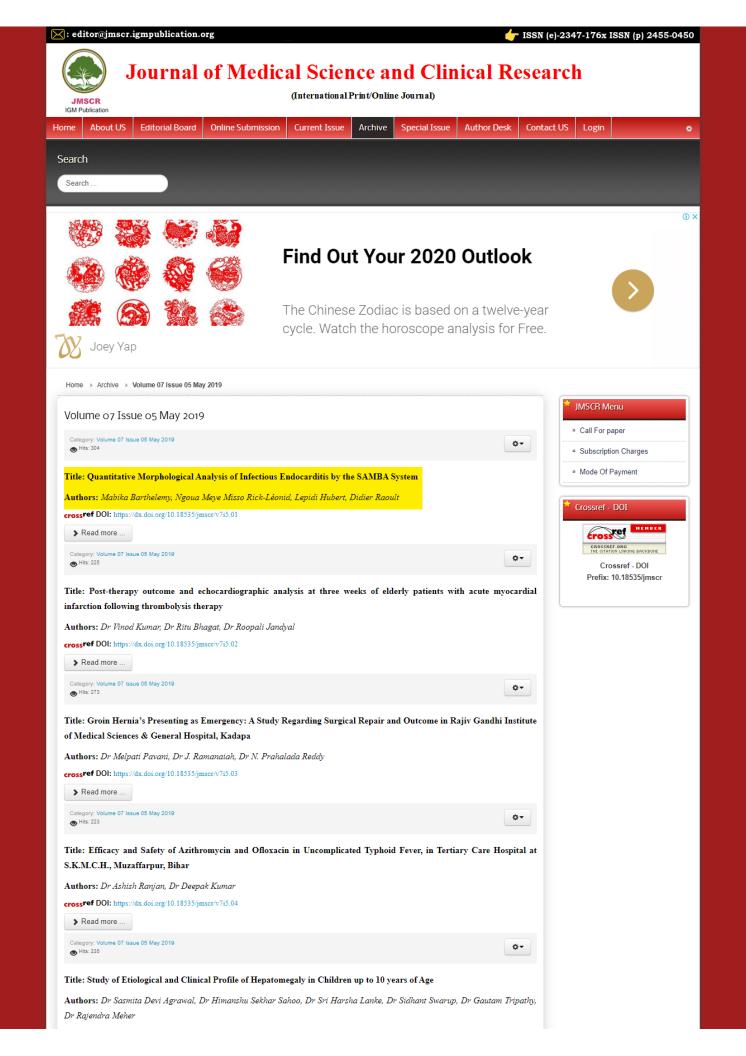
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Quantitative Morphological Analysis of Infectious Endocarditis by the SAMBA System

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Abstract

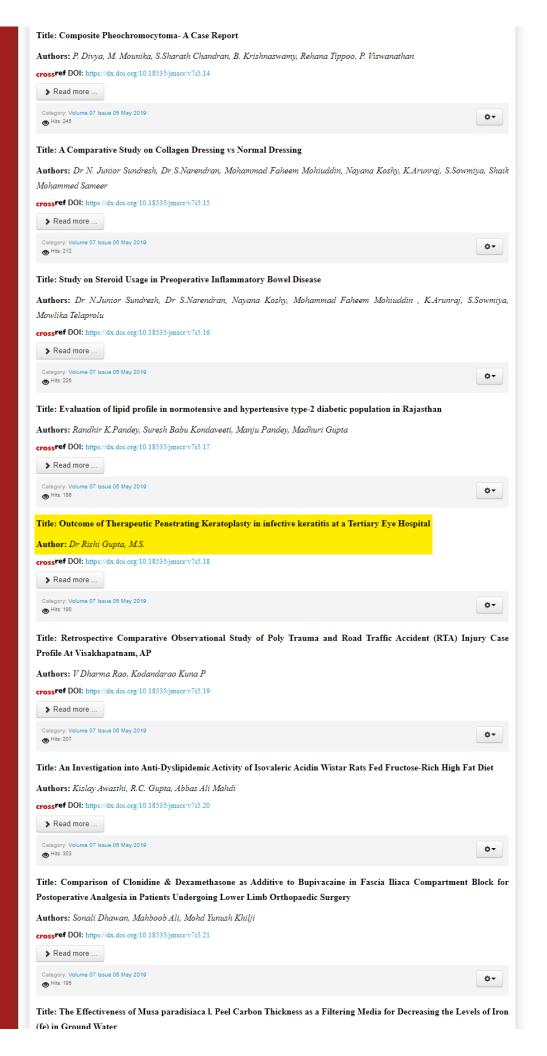
The aim of this work was to determine the criteria for histologically differentiating infectious endocarditis from degenerative valve processes on native valves, bioprostheses and mechanical valves using the SAMBA technique.

The Cardiac Surgery Service of the Center hospital-universities of Timone provided 630 valves. Histological sections stained with hematoxylin eosin saffron (HES) were reviewed. The histological lesions analyzed on slides stained with HES were vegetation, fibrosis and calcifications. Those analyzed after immunostaining were the cells of the inflammatory response (neutrophils labeled with the CD15 antibody, the CD68 macrophages and the CD3 lymphocytes). For endothelial cells, Factor VIII antibody was used. White slides from each case were used to practice immunohistochemistry techniques to mark the different cells of the inflammatory response and the endothelial cells of the neovascular valve.

Of the 630 valve devices examined, 350 were native valves, 200 were bio-prostheses and 80 were mechanical prostheses. Quantitative analysis with the SAMBA technique has shown that infectious endocarditis always has vegetation associated with a multicellular inflammatory infiltrate. In addition, the composition of this inflammatory infiltrate was practically superimposable on the three types of valves. In contrast, the inflammatory response accompanying valvular pathologies other than infectious endocarditis (aortic valve stenosis, chronic rheumatic valvulopathy), was almost composed of mononuclear cell elements. The vegetation was absent. While the phenomena of repair accompanied the two varieties of inflammatory infiltrates.

These results open up new perspectives in the management of patients with infectious endocarditis with negative blood cultures, where the pathologist can, by the technique of quantitative analysis of the valvular histological lesions, minimize the risk of diagnosing an infectious endocarditis because of the evidence of an inflammatory infiltrate.

Keywords: SAMBA Quantitative Analysis, Valvular Devices, Inflammation and Infectious Endocarditis.



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Outcome of Therapeutic Penetrating Keratoplasty in infective keratitis at a Tertiary Eye Hospital

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Abstract

Objective: To find out the outcome of therapeutic keratoplasty in infective keratitis.

Methods: Medical records of patients, who underwent therapeutic keratoplasty from January 2017 to January 2018, were reviewed retrospectively. Data collected included demographic parameters, indications for surgery, microbiology of the ulcers and donor tissue details. In the follow-up period, ocular status was evaluated in terms of eradication of disease, anatomic success, graft clarity, visual acuity, and development of glaucoma and cataract.

Results: 90 eyes of 90 patients were enrolled in the study. Male and female ratio in present study was 3:2. Average age was 45.4±13.7 years. Overall, 71%(64) of infective keratitis was perforated on presentation. A total of 51 (56.6%) eyes were positive for organisms of which 25 showed pure fungus, 24 showed pure bacteria and 2 showed mixed infection. The commonest fungus and bacteria isolated were Aspergillus and Streptococcus, respectively. Average follow-up period was 11±2.3 months. Overall cure rate of infection was 88.8%, anatomical success rate was 90%, and graft clarity was 36.6%. Overall, 43.3% had secondary glaucoma. In the postoperative course, 66.6% of phakic eyes had developed cataract. Overall functional success with a visual acuity above 6/60 was 25.5%. Bacterial keratitis had a significantly higher cure rate, anatomical success, and graft clarity compared to fungal keratitis.

Conclusion: Therapeutic keratoplasty is an important procedure to save the eye and preserve vision in severe infective keratitis. There is a high incidence of postoperative glaucoma, cataract, and graft failure in such a surgery. Bacterial keratitis has a better outcome than fungal keratitis.

Keywords: Therapeutic penetrating keratoplasty, Infective keratitis, Fungal keratitis.

Introduction

In developing countries, corneal ulcer is the major cause of visual impairment and blindness.¹ Lack of accessibility of eye care, delayed or inappropriate treatment, and microbes not responding to antimicrobial therapy may result in a large or perforated ulcer which will necessitate

therapeutic penetrating keratoplasty (TPK). The procedure is meant to terminate or reduce an actively infectious corneal disease or repair an anatomic defect in the cornea.² It is generally performed in an emergency basis, and its primary goal is to reestablish globe integrity and to eliminate infection. Visual rehabilitation is a

