EDITORIAL

INTERNATIONAL ETHICAL GUIDELINES FOR BIOMEDICAL RESEARCH INVOLVING HUMAN SUBJECTS
(Nanizar Zaman-Joemoes) 70

POLYMERASE CHAIN REACTION (PCR) FOR THE DIAGNOSIS OF CERVICAL TUBERCULOUS LYMPHAENITIS
(Sunarto Reksoprawiro, Tjahjo Winiantyo, Indroyana NS) 71

CORRELATION BETWEEN THE METHODS OF FLOWCYTOMETRY, MANUAL LIGHT AND FLUORESCENCE MICROSCOPES FOR CD4 CELL COUNT IN NORMAL ADULTS
(Endang Retnowati, Wira Santoso, Nasronudin) 76

IRON DEFICIENCY, LOW ARTERIAL OXYGEN SATURATION AND HIGH HEMATOCRIT LEVEL AS A MAJOR MICRO-ENVIRONMENTAL RISK FACTORS IN THE DEVELOPMENT OF BRAIN ABCESS IN PATIENTS WITH TETRALOGY OF FALLOT
(Teody Onnesend) 86

THE EFFECT OF CELLULOSE ON APOPTOSIS OF COLON EPITHELIAL CELLS OF BALB/C MICE THAT INDUCED BY 9,10-DIMETHYL-1,2-BENZ(A)ANTHRACENE
(Gindo Mastuti, Sudjarito Taat Putra, Soegeng Soekarno Martoprawiro) 90

PRESERVED AMNIOTIC MEMBRANE GRAFT AFTER BARE SCLERA TECHNIQUE WITH MITOMYCIN C FOR PTERYGIUM SURGERY
(Gatut Suhendra) 99

PHARMACODYNAMIC IDENTIFICATION OF ANTI-SEIZURE EFFECT OF LIGUSTROSID GLYCOSIDE (A CNS ACTIVE SUBSTANCE) ISOLATED FROM Fraxinus griffithii Clarke ON MICE
(Achmad Basori) 103

THE MODIFICATION OF OSCPE TO REPLACE THE ORAL EXAMINATION IN THE DEPARTMENT OF OTORHINOLARYNGOLOGY, AIRLANGGA UNIVERSITY SCHOOL OF MEDICINE
(Sardjono Soedjjak) 108

BODY SURFACE AREA (BSA) AS THE PREDICTOR OF RENAL PARENCHYMAL VOLUME IN HEALTHY ADULT
(H. Chuniadi Ermanito, Elysanti Dwi Martadiani, Windhu Poermono) 112

EFFICACY OF ETHYL ALCOHOL GLYCERIN 69% HANDRUB IN NEONATAL WARD DR. SOETOMO HOSPITAL. A RANDOMIZED CONTROLLED TRIAL
(Sylviani Titi Har Damanik, et al) 121

Review Article and Clinical Experience
RECENT ADVANCES IN DIABETES TREATMENT OPTIONS
(CARDIOPROTECTIVE NOVEL OHA AND INSULIN GLARGINE)
(Asikardar Tjozprowiro) 132

IMPACTED BUTTON BATTERY IN THE NASAL CAVITY
(Sri Hepawati JPB) 139

Abstract
# Table of Contents

<table>
<thead>
<tr>
<th>No.</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>EDITORIAL Vol 40 No 3 2004</td>
<td>69 - 69</td>
</tr>
<tr>
<td>2</td>
<td>OPINION: INTERNATIONAL ETHICAL GUIDELINES FOR BIOMEDICAL RESEARCH INVOLVING HUMAN SUBJECTS</td>
<td>70 - 70</td>
</tr>
<tr>
<td>3</td>
<td>Polymerase Chain Reaction (PCR) for the Diagnosis of Cervical Tuberculous Lymphadenitis</td>
<td>71 - 75</td>
</tr>
<tr>
<td>4</td>
<td>Correlation between the Methods of Flowcytometry, Manual Light and Fluorescence Microscopes for CD4 Cell Count in Normal Adults</td>
<td>76 - 85</td>
</tr>
<tr>
<td>5</td>
<td>Iron Deficiency, Low Arterial Oxygen Saturation and High Hematocrit Level as a Major Micro-Environmental Risk Factors in the Development of Brain Abscess in Patients with Tetralogy of Fallot</td>
<td>86 - 89</td>
</tr>
<tr>
<td>6</td>
<td>The Effect of Cellulose on Apoptosis of Colon Epithelial Cells of BALB/C Mice that Induced by 9,10-Dimethyl-1,2-Benz(A)Anthracene</td>
<td>90 - 98</td>
</tr>
<tr>
<td>7</td>
<td>Preserved Amniotic Membrane Graft after Bare Sclera Technique with Mitomycin C for Pterygium Surgery</td>
<td>99 - 102</td>
</tr>
<tr>
<td>8</td>
<td>Pharmacodynamic Identification of Antiseizure Effect of Ligustroside glycoside (A CNS Active Substance) Isolated from Fraxinus Griffithii Clarke on Mice</td>
<td>103 - 107</td>
</tr>
<tr>
<td>9</td>
<td>The Modification of OSCE to Replace the Oral Examination in the Department of Otorhinolaryngology, Airlangga University School of Medicine</td>
<td>108 - 111</td>
</tr>
<tr>
<td>10</td>
<td>Body Surface Area (BSA) as the Predictor of Renal Parenchymal Volume in Healthy Adult</td>
<td>112 - 120</td>
</tr>
<tr>
<td>11</td>
<td>Efficacy of Ethyl Alcohol Glycerin 69% Handrub in Neonatal Ward Dr. Soetomo Hospital. A Randomised Controlled Trial</td>
<td>121 - 131</td>
</tr>
<tr>
<td>12</td>
<td>Review Article and Clinical Experience: Recent Advances in Diabetes Treatment Options (Cardioprotective Novel OHA and Insulin Glargine)</td>
<td>132 - 138</td>
</tr>
<tr>
<td>13</td>
<td>Impacted Button Battery in the Nasal Cavity</td>
<td>139 - 142</td>
</tr>
</tbody>
</table>
Preserved Amniotic Membrane Graft after Bare Sclera Technique with Mitomycin C for Pterygium Surgery

Preserved Amniotic Membrane Graft after Bare Sclera Technique with Mitomycin C for Pterygium Surgery

1. Gatut Suhendro --> Department of Ophthalmology Airlangga University School of Medicine Dr Soetomo Teaching Hospital, Surabaya

Abstract

Objective: To study the effect of amniotic membrane graft combined with mitomycin C in pterygium treatment. Design: Retrospective, noncomparative, interventional case series. Participants: Twenty-one eyes of 20 patients with pterygium and recurrent pterygium without symblepharon. The number of prior surgeries was 1 &ndash; 2 times. Intervention: Patients were treated by bare sclera technique and mitomycin C eye drops, and preserved amniotic membrane graft. Main Outcome Measures: Recurrence rate of pterygium and complications of treatment. Results: twenty eyes (95.24%) of 21 eyes showed no recurrence, it means the recurrence rate was 4.76%. The study did not show the scleral and corneal complication during observation period 30 &ndash; 50 weeks. Conclusion: Preserved amniotic membrane graft, and mitomycin C eye drops were a safe and effective for bare sclera technique of pterygium surgery.

Keyword : pterygium, bare, sclera, technique, amniotic, membrane, graft, mitomycin, C,

Daftar Pustaka :