LUNG FUNCTION IS DECLINED IN SMOKING "BECAK" DRIVERS
(Imamatur Roffiah, Soedjajadi Keman)

THE INCREASE OF eHSP 72 IN MEMBERS OF DZIKIR GROUP
(Siti Nur Asiyah, Suhartono Taat Putra, Kuntoro)

EFFECTIVENESS OF NUCLEAR DNA MINI PRIMER SET AT LOCI FGA, CSF1PO & D21S11
IN HIGH-TEMPERATURE DNA DEGRADATION WITH POLYMERASE CHAIN REACTION (PCR) METHOD
(Ahmad Yudianto, Theresa Lindawati, Pandu Hanindito)

THE EFFECT OF PASSIVE SMOKING ON THE INCIDENCE OF PRIMARY DYSMENORREA
(Raisa Amini, Abkar Raden, Rosalia Sri Hidayati, Yuli Hariandi Retno Dewi, Yoseph Indrayanto)

THE ROLE OF GLUCOSE AND PHOSPHATE IN IN VITRO CULTURE MEDIUM
TO OVERCOME CELL BLOCK ON MOUSE EMBRYO
(Widjati, Y. Sukra, B. Purwantara, I Djuwita)

PREVALENCE OF HEPATITIS B, HEPATITIS C AND HUMAN IMMUNODEFICIENCY VIRUS INFECTION
AMONG PEDIATRIC HEMATOLOGY ONCOLOGY PATIENTS WITH REPEATED TRANSFUSION
(Mia Ratwita Andarsini, Ari S, Dwi Putri, IDG Ugrasena, Sjamsul Arief)

CLINICAL FEATURES OF INFLUENZA A (H1N1) IN CHILDREN AT DR SOETOMO GENERAL HOSPITAL
(Retno Aah Setyoningrum)

Case Report:
PAIN RELIEVED IN ACUTE BREAST INFECTION USING EXTRA ANATOMY PATHWAY
(Abdurachman)

Case Report:
GROWTH HORMONE TREATMENT IN SHORT CHILDREN. A REPORT OF 4 CASES
(Muhammad Faizi, Tafiqur Rahman, Netty EP)

Review Article:
FLAIL CHEST MANAGEMENT IN ARDS
(Heru Koesbijanto)

Review Article:
ADEQUATE MANAGEMENT OF DEPRESSION AND NEUROPATHIC PAIN IN PATIENT WITH TYPE 2 DIABETES
(Bernadette Dian Novita, Handoko Daeng)
<table>
<thead>
<tr>
<th>No.</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>LUNG FUNCTION IS DECLINED IN SMOKING &quot;BECAK&quot; DRIVERS</td>
<td>143 - 146</td>
</tr>
<tr>
<td>2</td>
<td>THE INCREASE OF eHSP 72 IN MEMBERS OF DZIKIR GROUP</td>
<td>147 - 153</td>
</tr>
<tr>
<td>3</td>
<td>EFFECTIVENESS OF NUCLEAR DNA MINI PRIMER SET AT LOCI FGA, CSF1PO &amp; D21S11 IN HIGH-TEMPERATURE DNA DEGRADATION WITH POLYMERASE CHAIN REACTION (PCR) METHOD</td>
<td>154 - 159</td>
</tr>
<tr>
<td>4</td>
<td>THE EFFECT OF PASSIVE SMOKING ON THE INCIDENCE OF PRIMARY DYSMENORRHEA</td>
<td>160 - 165</td>
</tr>
<tr>
<td>5</td>
<td>THE ROLE OF GLUCOSE AND PHOSPHATE IN IN VITRO CULTURE MEDIUM TO OVERCOME CELL BLOCK ON MOUSE EMBRYO</td>
<td>166 - 170</td>
</tr>
<tr>
<td>6</td>
<td>PREVALENCE OF HEPATITIS B, HEPATITIS C AND HUMAN IMMUNODEFICIENCY VIRUS INFECTION AMONG PEDIATRIC HEMATOLOGY ONCOLOGY PATIENTS WITH REPEATED TRANSFUSION</td>
<td>171 - 173</td>
</tr>
<tr>
<td>7</td>
<td>CLINICAL FEATURES OF INFLUENZA A (H1N1) IN CHILDREN AT DR SOETOMO GENERAL HOSPITAL</td>
<td>174 - 177</td>
</tr>
<tr>
<td>8</td>
<td>Case Report: PAIN RELIEVED IN ACUTE BREAST INFECTION USING EXTRA ANATOMY PATHWAY</td>
<td>178 - 181</td>
</tr>
<tr>
<td>9</td>
<td>Case Report GROWTH HORMONE TREATMENT IN SHORT CHILDREN. A REPORT OF 4 CASES</td>
<td>182 - 190</td>
</tr>
<tr>
<td>10</td>
<td>Review Article: FLAIL CHEST MANAGEMENT IN ARDS</td>
<td>191 - 197</td>
</tr>
<tr>
<td>11</td>
<td>Review Article: ADEQUATE MANAGEMENT OF DEPRESSION AND NEUROPATHIC PAIN IN PATIENT WITH TYPE 2 DIABETES</td>
<td>198 - 202</td>
</tr>
</tbody>
</table>
PREVALENCE OF HEPATITIS B, HEPATITIS C AND HUMAN IMMUNODEFICIENCY VIRUS INFECTION AMONG PEDIATRIC HEMATOLOGY ONCOLOGY PATIENTS WITH REPEATED TRANSFUSION

Abstract

Blood transfusion are needed in patients with hereditary hemolitic anemia (particulary Thalassemia), malignancy, hemophilia and aplastic anemia to improve their overall survival. But repeatedly transfusion might carries a risk of blood-borne virus infection such as hepatitis and HIV. This study was conducted to provide prevalence of Hepatitis B, Hepatitis C and HIV infection among patients with repeatedly transfusion. One hundred fifty four patients were enrolled the study, with diagnosis of thalassemia 83 (53.9%) patients, Leukemia 34 (22.1%), Hemophilia 18 (11.7%), aplastic anemia 2 (1.3%) and other malignancy 17 (11%). Prevalence of Hepatitis B, Hepatitis C and HIV infection were 0.6% (1/154), 7.8% (12/154) and 0.6% (1/154) respectively. In this study prevalence of Hepatitis B, Hepatitis C and HIV infection were in agreement with the finding in other study. Education regarding transfusion transmitted infections is of prime importance.

Keyword : pediatric, hematology, oncology, patients, repeated, transfusion, infection,

Daftar Pustaka :