FOLIA MEDICA INDONESIANA

Vol. 39 No. 1 January - March 2003

Editorial .......................................................................................................................... 1

Opinion:
PROBLEM BASED LEARNING AND THE CHANGE OF ACADEMIC BEHAVIOUR .............. 2

POPULATION DATA ON THE LOCUS D16S83 OF VNTR (VARIABLE NUMBER OF TANDEM
REPEAT) POLYMORPHISM IN THE POPULATION AROUND SURABAYA, EAST JAVA,
INDONESIA ..................................................................................................................... 3
(Seokry Eriyani Kusuma)

AN IMMUNOHISTOCHEMICAL ANALYSIS OF TGF-α1, AS A PREDICTOR OF DELAYED
WOUND HEALING IN EPISIOTOMY SURGERY OF SPRAGUE DAWLEY RATS .................. 10
(St. Mulyot)

AGE AT MENARCHE IN INDONESIA .................................................................................. 18
(LD Hendrawati and Josef Glinka SVD)

OPTIMIZING CHILDREN'S EMOTIONAL QUOTIENT BY MONDAY-THURSDAY FASTING... 22
(Moh. Shafei)

THE WIDAL SLIDE AGGLUTINATION TEST (SAT) USING ANTIGEN FROM LOCALLY
PREVALENT Salmonella typhi AS A DIAGNOSTIC TOOL FOR TYPHOID FEVER .......... 29
(Indro Handojo et al)

CYTOKINE PROFILES OF TYPHOID PATIENTS HOSPITALIZED AT COMMUNICABLE
DISEASE WARDS, DR SOETOMO HOSPITAL, SURABAYA ............................................. 36
(Jusak Nugraha, Indro Handojo, Eddy Soewandojo)

STIMULATORY EFFECT OF BRADYKININ ON THE ACTIVITY OF CYCLOOXYGENASE AND
PROSTAGLANDIN PRODUCTION IN CULTURE FIBROBLASTS ..................................... 40
(Sri Agus Sudjarwo)

STRESS PROTEINS AND SIRS-SEPSIS,
THE POSSIBLE ROLES OF HEAT SHOCK PROTEINS (HSP'S) IN THE DEVELOPMENT OF
SYSTEMIC INFLAMMATORY RESPONSE SYNDROME (SIRS) ........................................ 45
(Purnomo Survyahudoyo)

THROMBOCYTOPENIA IN PATIENTS WITH TETRALOGY OF FALLOT, A CONDITION
REQUIRING IMMEDIATE ATTENTION ........................................................................... 49
(Teddy Onsheen)

CONCURRENT DENGUE INFECTION AND ENTERIC FEVER, A CASE SERIES .......... 54
(Parwati Setiono Basuki)

Review Article and Clinical Experience:
RECENT ADVANCES IN THE TREATMENT OF OSTEOPOROSIS (THE ROLES OF NEW
BISPHOSPHONATE) ......................................................................................................... 61
(Askandar Tjokrowinoto)

USING CONJUNCTIVAL FLAP FOR THE REPLACEMENT OF JONE'S TUBE IN
CONJUNCTIVODACRYOCYSTORHINOSTOMY (CDCR) ................................................. 63
(Rowand G Hostin)

Abstract ......................................................................................................................... 67

Published by:
AILRLANGGA UNIVERSITY SCHOOL OF MEDICINE
Accredited no. 02/DIKTI/Kep/2002

Folia Medica
Indonesiana
Vol. 39
No. 1
Page 1 - 72
Jan - Mar 2003
ISSN
0303-7932
# 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 39 No 1 2003</td>
<td>1 - 1</td>
</tr>
<tr>
<td>2</td>
<td>OPINION: PROBLEM BASED LEARNING AND THE CHANGE OF ACADEMIC BEHAVIOUR</td>
<td>2 - 2</td>
</tr>
<tr>
<td>3</td>
<td>Population Data on the Locus D16s83 of VNTR (Variable Number of Tandem Repeat) Polymorphism in the Population around Surabaya, East Java, Indonesia</td>
<td>3 - 9</td>
</tr>
<tr>
<td>4</td>
<td>An Immunohistochemical Analysis of TGF-ÁŸ1, as a Predictor of Delayed Wound Healing in Episiotomy Surgery of Sprague Dawley Rats</td>
<td>10 - 17</td>
</tr>
<tr>
<td>5</td>
<td>Age at Menarche in Indonesia</td>
<td>18 - 21</td>
</tr>
<tr>
<td>6</td>
<td>Optimizing Children's Emotional Quotient by Monday-Thursday Fasting</td>
<td>22 - 28</td>
</tr>
<tr>
<td>7</td>
<td>The Widal Slide Agglutination Test (SAT) Using Antigen from Locally Prevalent Salmonella Typhi as A Diagnostic Tool for Typhoid Fever</td>
<td>29 - 35</td>
</tr>
<tr>
<td>8</td>
<td>Cytokine Profiles of Typhoid Patients Hospitalized at Communicable Disease Wards, Dr Soetomo Hospital, Surabaya</td>
<td>36 - 39</td>
</tr>
<tr>
<td>9</td>
<td>Stimulatory Effect of Bradykinin on The Activity of Cyclooxygenase and Prostaglandin Production in Culture Fibroblasts</td>
<td>40 - 44</td>
</tr>
<tr>
<td>10</td>
<td>Stress Proteins and Sirs-Sepsis The Possible Roles of Heat Shock Proteins (HSPâ€™s) in The Development of Systemic Inflammatory Response Syndrome (SIRS)</td>
<td>45 - 48</td>
</tr>
<tr>
<td>11</td>
<td>Thrombocytopenia in Patients with Tetralogy of Fallot, A Condition Requiring Immediate Attention</td>
<td>49 - 53</td>
</tr>
<tr>
<td>12</td>
<td>Concurrent Dengue Infection and Enteric Fever. A Case Series</td>
<td>54 - 60</td>
</tr>
<tr>
<td>13</td>
<td>Review Article and Clinical Experience: Recent Advances in The Treatment of Osteoporosis (The Roles of New Bisphosphonate)</td>
<td>61 - 62</td>
</tr>
<tr>
<td>14</td>
<td>Using Conjunctival Flap for The Replacement of Janeâ€™s Tube in Conjunctivodacryocystorhinostomy (CDCR)</td>
<td>63 - 66</td>
</tr>
</tbody>
</table>
OPINION: PROBLEM BASED LEARNING AND THE CHANGE OF ACADEMIC BEHAVIOUR

Abstract

Problem Based Learning (PBL) as a method of learning is implemented in the Airlangga University School of Medicine in the academic year 2001/2002 as part of several innovations in the educational process to improve the output quality. For many years, we as university teachers are highly capable of knowing what students should learn but pay minimal attention on how students should learn. We are now living in the era of vast information and advances in science and technology. It is expected that educational strategy be changed to ensure that the present education prepares the students to cope with the demand of tomorrow. We can never teach them all the knowledge. The advancement of medical sciences is so fast that most of the knowledge will be outdated within several years after they graduate.

Keyword : -, -, -, -

Daftar Pustaka :
1. Nancy Margarita Rehatta --> PBL and Skills Lab. Team Airlangga University School of Medicine