EFFECT OF TOUCH THERAPY ON THE GROWTH OF TODDLERS (AGED 1-3 YEARS) WITH GROWTH FALTERING
(Siracha Bongkit P, Dyahar Nuswantoro, Dwiyanti Fusiitasari, Sri Ulami)

THE PROFILE OF GENETIC MUTATION OF THE gyrB GENE ON CLINICAL ISOLATION OF Acinetobacter baumannii RESISTANT TO CIPROFLOXACIN
(Marich Amilia Rizka, Didik Haemoro, Kuntaman)

RELATIONSHIP BETWEEN PLATELET AGGREGATION AND HS-CRP IN PATIENTS WITH PCI RECEIVING CLOPIDOGREL AND ASPIRIN
(Djaenang Zainudin Fickri, Siti Sjahismah, Mohammad Yogiaro)

CORRELATION BETWEEN PREPROCEDURAL hsCRP LEVEL AND CK-MB RATIO PRE AND POST PERCUTANEOUS CORONARY INTERVENTION AS A MARKER OF PREPROCEDURAL MYOCARDIAL INJURY
(Jaka Fadraresada, Siti Sjahismah, Budi Bakjisa)

EVALUATION OF RENAL FUNCTION IN CERVIX CANCER PATIENTS BY DOSE CISPLATIN 75 mg/m2 WITH NaCl-MANITOL HYDRATION
(Intan Sari Dewi, Yulistiadi, Heru Santoso, Muhammad Yahya)

COMPARISON OF FUNCTIONAL IMPROVEMENT SCALE (NIHSS) DEGREE BETWEEN ACUTE INTRACEREBRAL HEMORRHAGE STROKE PATIENTS RECEIVING STANDARD TREATMENT AND THOSE RECEIVING STANDARD TREATMENT PLUS CELECOXIB
(Yushi Adrianto, Hendro Suwito)

EFFECTIVENESS OF KINESIO TAPING COMPARED WITH SHORT WAVE DIATHERMY ON PAIN PERCEPTION AND FUNCTIONAL STATUS IN KNEE OSTEOARTHRITIS PATIENTS
(Ratea D Hanadi, Imam Subadi, Nuryatin Huana)

CRYPTOSPORIDIUM ACTION IN FECAL AND SPUTUM SAMPLES FROM PATIENTS WITH HIV/AIDS
(James S Hutagalung, Erwin Asta Trono, R. Heru Prastetyo)

PERCUTANEOUS TRANSLUMINAL ANGIOPLASTY IN PATIENTS WITH CRITICAL LIMB ISCHEMIA
(Yudi Heri Oktaviano)

ANALYSIS OF ANTIBIOTIC USAGE IN PATIENTS WITH BACTEREMIA IN THE ICU UNIT OF DR. SOETOMO HOSPITAL SURABAYA
(I Gusti Ayu Trisnadiwi, Suwarjono, Hardjono, Agung Dewi Wahyu Widodo)

ANALYSIS OF BLOOD SAMPLE LYSIS RATE ON HEMOGLOBIN EXAMINATION RESULTS USING RAYTO RT. 7600 AUTO HEMATOLOGY ANALYZER
(Devi Cynthia Dewi, Adang Durachim)

CAROTID ARTERY STENTING IN A PATIENT WITH TRANSIENT ISCHEMIC ATTACK
(Suryono)

RISK FACTORS OF LOW BIRTH WEIGHT (LBW) INCIDENCE, A CASE CONTROL STUDY
(Dewi Anggraeni P, Adityawarman, Budi Utomo, Ahmad Suryawan)
<table>
<thead>
<tr>
<th>No.</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>EFFECT OF TOUCH THERAPY ON THE GROWTH OF TODDLERS (AGED 1-3 YEARS) WITH GROWTH FALTERING</td>
<td>211 - 214</td>
</tr>
<tr>
<td>2</td>
<td>THE PROFILE OF GENETIC MUTATION OF THE gyrB GENE ON CLINICAL ISOLATION OF Acinetobacter baumanii RESISTANT TO CIPROFLOXACIN</td>
<td>215 - 218</td>
</tr>
<tr>
<td>3</td>
<td>RELATIONSHIP BETWEEN PLATELET AGGREGATION AND HS-CRP IN PATIENTS WITH PCI RECEIVING CLOPIDOGREL AND ASPIRIN</td>
<td>219 - 221</td>
</tr>
<tr>
<td>4</td>
<td>CORRELATION BETWEEN PREPROCEDURAL hsCRP LEVEL AND CK-MB RATIO PRE AND POST PERCUTANEOUS CORONARY INTERVENTION AS A MARKER OF PREPROCEDURAL MYOCARDIAL INJURY</td>
<td>222 - 225</td>
</tr>
<tr>
<td>5</td>
<td>EVALUATION OF RENAL FUNCTION IN CERVIX CANCER PATIENTS BY DOSE CISPLATIN 75 mg/m2 WITH NaCl-MANITOL HYDRATION</td>
<td>226 - 233</td>
</tr>
<tr>
<td>6</td>
<td>COMPARISON OF FUNCTIONAL IMPROVEMENT SCALE (NIHSS) DEGREE BETWEEN ACUTE INTRACEREBRAL HEMORRHAGE STROKE PATIENTS RECEIVING STANDARD TREATMENT AND THOSE RECEIVING STANDARD TREATMENT PLUS CELECOXIB</td>
<td>234 - 238</td>
</tr>
<tr>
<td>7</td>
<td>EFFECTIVENESS OF KINESIO TAPING COMPARED WITH SHORT WAVE DIATHERMY ON PAIN PERCEPTION AND FUNCTIONAL STATUS IN KNEE OSTEOARTHRITIS PATIENTS</td>
<td>239 - 244</td>
</tr>
<tr>
<td>8</td>
<td>CRYPTOSPORIDIUM ACTION IN FECAL AND SPUTUM SAMPLES FROM PATIENTS WITH HIV/AIDS</td>
<td>245 - 248</td>
</tr>
<tr>
<td>9</td>
<td>PERCUTANEOUS TRANSLUMINAL ANGIOPLASTY IN PATIENTS WITH CRITICAL LIMB ISCHEMIA</td>
<td>249 - 253</td>
</tr>
<tr>
<td>10</td>
<td>ANALYSIS OF ANTIBIOTIC USAGE IN PATIENTS WITH BACTEREMIA IN THE ICU UNIT OF DR. SOETOMO HOSPITAL SURABAYA</td>
<td>254 - 261</td>
</tr>
<tr>
<td>11</td>
<td>ANALYSIS OF BLOOD SAMPLE LYSIS RATE ON HEMOGLOBIN EXAMINATION RESULTS USING RAYTO RT. 7600 AUTO HEMATOLOGY ANALYZER</td>
<td>262 - 264</td>
</tr>
<tr>
<td>12</td>
<td>CAROTID ARTERY STENTING IN A PATIENT WITH TRANSIENT ISCHEMIC ATTACK</td>
<td>265 - 269</td>
</tr>
<tr>
<td>13</td>
<td>RISK FACTORS OF LOW BIRTH WEIGHT (LBW) INCIDENCE. A CASE CONTROL STUDY</td>
<td>270 - 277</td>
</tr>
</tbody>
</table>
RELATIONSHIP BETWEEN PLATELET AGGREGATION AND HS-CRP IN PATIENTS WITH PCI RECEIVING CLOPIDOGREL AND ASPIRIN

1. Djelang Zainuddin Fickri --> Clinical Pharmacy Post-graduated Program, Faculty of Pharmacy, Universitas Airlangga / fickri farma@yahoo.co.id
2. Siti Sjamsiah --> Dosen Fakultas Farmasi
3. Mohammad Yogiarto --> Dosen Fakultas Kedokteran

Abstract

Coronary heart disease (CHD) is a progressive disease and is closely related to the inflammatory response and acute thrombosis of atherosclerotic plaques. Use of loading dose Clopidogrel 300mg and aspirin 200 mg as anti-platelet aggregation reported to have responded quite well. Neointimal formation and restenosis are complications that arise in PCI action, triggered by the inflammatory process, IL-6 stimulates release of hsCRP in the liver. hsCRP as an inflammatory marker of cardiovascular events is still controversial. Of the 15 patients with prevalence of 80% male, with main risk factors are dyslipidemia, hypertension and smoking.

All patients were found percent aggregation < 80% is included in hypoaggregation. This suggests that loading dose Clopidogrel 300mg and Aspirin 200 mg is adequate as an anti-platelet aggregation. Seen positive ranks between hsCRP group pre (1.12 ± 1.34) and hsCRP post (2.34 ± 2.03), p = 0.001 (p < 0.05). This suggests that the inflammatory response occurs due to the PCI action. Seen negative correlation between hsCRP and percent aggregation r = -0.16, p = 0.56 (p > 0.05, r < 0.514). The use of Clopidogrel 300 mg loading dose and 200 mg aspirin as anti-platelet aggregation is adequate with hypoaggregation response. Identified inflammatory response occurs because of PCI with an increase in inflammatory factors hsCRP and no correlation with percent aggregation, so that hsCRP is only referred to as inflammatory factors and not a biomarkers of inflammation and is not is directly linked to the inflammatory process and reocclusion. (FMI 2014;50:219-221)

Keyword : hCRP, Platelet, Aggregation, Clopidogrel, Aspirin, Percutaneous, Coronary, Intervention,

Daftar Pustaka :