FOLIA MEDICA INDONESIANA
Vol. 50 No. 1 January – March 2014

GENETIC MUTATION PROFILE OF gyrA AND parC GENE IN CIPROFLOXACIN-RESISTANCE Pseudomonas aeruginosa
(Kostia Febriana, Didik Hasmono, Kuntaman)

THE DEPRESSION PROFILE OF PEOPLE LIVING WITH HIV/AIDS (PLWHA) RECEIVING ANTIRETROVIRAL TREATMENT IN DR. SOETOMO HOSPITAL SURABAYA
(Yosua Hendrko Manurung, Margarita Maria Maramis, Erwin Astha Triyono)

AGREEMENT BETWEEN ESTIMATED APOLIPOPROTEIN B-100 CONCENTRATION AND APOLIPOPROTEIN B-100 CONCENTRATION MEASURED BY IMMUNOTURBIDIMETRIC METHOD
(Hadisuwoyo P, Soehti S, Anniwati L)

ER, PR, AND HER-2/NEU PROFILE ON YOUNG BREAST CARCINOMA PATIENTS
(Cesarismfa Vidyant, Drah Fauziah, Desak Gede Agung Suprabawati)

CORRELATION BETWEEN HEART TYPE FATTY ACID BINDING PROTEIN SERUM LEVEL AND SOLUBLE ST2 IN ACUTE CORONARY SYNDROME PATIENTS
(Dhani Tri Wahyu Nugroho, Mohammad Aminuddin, Jusak Nugraha)

CORRELATION BETWEEN N-TERMINAL PRO-BRAIN NATRIURETIC PEPTIDE LEVEL WITH DYSTOIC FUNCTION ECHOCARDIOGRAPHY PARAMETER IN ACUTE CORONARY SYNDROME
(Fouzai Aswad, Muhammad Aminuddin, Jusak Nugraha)

CORRELATION BETWEEN E/VP AND E'/E' IN LEFT VENTRICULAR FILLING PRESSURE MEASUREMENT AMONG PATIENTS WITH DILATED CARDIOMYOPATHY
(Rosni Armillia Fagi, Rochmad Romondi)

CHANGES IN PLATELET COUNT, MEAN PLATELET VOLUME, PLATELET DISTRIBUTION WIDTH, AND PLATELET CRIT IN PULMONARY TUBERCULOSIS SEVERITY
(Fatimah S, Swemarsono)

MICROBIAL PATTERN AND ANTIBIOTIC SUSCEPTIBILITY TEST IN SEMEN GRESIK HOSPITAL 2012
(M Abdul Fauzuddin, Prihatini)

DIAGNOSTIC VALUES OF IMMATURE GRANULOCYTES, EOSINOPENIA AND I/T RATIO IN DETECTION OF EARLY ONSET NEONATAL SEPSIS IN NEONATES WITH BACTERIAL INFECTION RISK
(Exo Bagus, Hartono Kafar, Puipa Wardhani)

EFFECT OF COFFEE DRINKS TO THE REACTION TIME OF 18-22 YEARS OLD MALE UNIVERSITY STUDENTS
(Gigih Aditya Wardana, Irflagiyah Irwadi, Harilina Soetjipto)

INFLUENCE OF WEIGHTLIFTING ON THE EMERGENCE OF PARTIAL AND FULL THICKNESS ROTATOR CUFF TEAR DETECTED BY ULTRASOUND IMAGING
(Rosy Setiawati, Paulus Rahardjo, Bambang Hartono)

MEAN SCORE OF CERVICAL PEDICLE ANGLE TO MIDLINE AND INFERIOR END PLATE IN ADULT USING MULTI SLICED COMPUTED TOMOGRAPHY
(Ardhiana Kasaba, Paulus Rahardjo)

International Online Distribution by ProQuest™
www.proquest.com

Folia Medica Indonesiana Vol.50 No. 1 Page 1-62 Surabaya Jan-Mar 2014 ISSN 0303 - 7932
<table>
<thead>
<tr>
<th>No.</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>GENETIC MUTATION PROFILE OF gyrA AND parC GENE IN CIPROFLOXACIN-RESISTANCE Pseudomonas aeruginosa</td>
<td>1 - 5</td>
</tr>
<tr>
<td>2</td>
<td>THE DEPRESSION PROFILE OF PEOPLE LIVING WITH HIV/AIDS (PLWHA) RECEIVING ANTIRETROVIRAL TREATMENT IN DR. SOETOMO HOSPITAL SURABAYA</td>
<td>6 - 9</td>
</tr>
<tr>
<td>3</td>
<td>AGREEMENT BETWEEN ESTIMATED APOLIPOPROTEIN B-100 CONCENTRATION AND APOLIPOPROTEIN B-100 CONCENTRATION MEASURED BY IMMUNOTURBIDIMETRIC METHOD</td>
<td>10 - 14</td>
</tr>
<tr>
<td>4</td>
<td>ER, PR, AND HER-2/NEU PROFILE ON YOUNG BREAST CARCINOMA PATIENTS</td>
<td>15 - 18</td>
</tr>
<tr>
<td>5</td>
<td>CORRELATION BETWEEN HEART TYPE FATTY ACID BINDING PROTEIN SERUM LEVEL AND SOLUBLE ST2 IN ACUTE CORONARY SYNDROME PATIENTS</td>
<td>19 - 24</td>
</tr>
<tr>
<td>6</td>
<td>CORRELATION BETWEEN N-TERMINAL PRO-BRAIN NATRIURETIC PEPTIDE LEVEL WITH DYASTOLIC FUNCTION ECHOCARDIOGRAPHY PARAMETER IN ACUTE CORONARY SYNDROME</td>
<td>25 - 29</td>
</tr>
<tr>
<td>7</td>
<td>CORRELATION BETWEEN E/VP AND E/Eα™ IN LEFT VENTRICULAR FILLING PRESSURE MEASUREMENT AMONG PATIENTS WITH DILATED CARDIOMYOPATHY</td>
<td>30 - 33</td>
</tr>
<tr>
<td>8</td>
<td>CHANGES IN PLATELET COUNT, MEAN PLATELET VOLUME, PLATELET DISTRIBUTION WIDTH, AND PLATELET CRIT IN PULMONARY TUBERCULOSIS SEVERITY</td>
<td>34 - 36</td>
</tr>
<tr>
<td>9</td>
<td>MICROBIAL PATTERN AND ANTIBIOTIC SUSCEPTIBILITY TEST IN SEMEN GRESIK HOSPITAL 2012</td>
<td>37 - 42</td>
</tr>
<tr>
<td>10</td>
<td>DIAGNOSTIC VALUES OF IMMATURE GRANULOCYTES, EOSINOPENIA AND I/T RATIO IN DETECTION OF EARLY ONSET NEONATAL SEPSIS IN NEONATES WITH BACTERIAL INFECTION RISK</td>
<td>43 - 47</td>
</tr>
<tr>
<td>11</td>
<td>EFFECT OF COFFEE DRINKS TO THE REACTION TIME OF 18-22 YEARS OLD MALE UNIVERSITY STUDENTS</td>
<td>48 - 51</td>
</tr>
<tr>
<td>12</td>
<td>INFLUENCE OF WEIGHTLIFTING ON THE EMERGENCE OF PARTIAL AND FULL THICKNESS ROTATOR CUFF TEAR DETECTED BY ULTRASOUND IMAGING</td>
<td>52 - 57</td>
</tr>
<tr>
<td>13</td>
<td>MEAN SCORE OF CERVICAL PEDICILE ANGLE TO MIDLINE AND INFERIOR END PLATE IN ADULT USING MULTI SLICED COMPUTED TOMOGRAPHY</td>
<td>58 - 62</td>
</tr>
</tbody>
</table>
MEAN SCORE OF CERVICAL PEDICLE ANGLE TO MIDLINE AND INFERIOR END PLATE IN ADULT USING MULTI SLICED COMPUTED TOMOGRAPHY

MEAN SCORE OF CERVICAL PEDICLE ANGLE TO MIDLINE AND INFERIOR END PLATE IN ADULT USING MULTI SLICED COMPUTED TOMOGRAPHY

1. Ardhiana Kasaba --> Department of Radiology, Haji Hospital, Surabaya / ardhi_28481@yahoo.com
2. Paulus Rahardjo --> Dosen Fakultas Kedokteran

Abstract

Cervical pedicle screw provides multiple benefits to the posterior cervical fixation, that is the strength of load and better control on the field of coronal, sagittal, and rotational because of the three-column fixation. However, cervical pedicle screw installation can cause neurological and vascular complications. This Descriptive study with a sample of 30 people was aimed to calculate the mean score of cervical pedicle angle toward the midline and the end plate inferior in normal asymptomatic adults using MSCT at laboratory Radiology MSCT Graha Amerta Dr. Soetomo Hospital Surabaya in February-June 2010. Among 19 men and 11 women, obtained mean score of cervical pedicle angle to the midline of men is 43.11° to 45.84° on the right side, 43.32° to 45.94° on the left side, and 43.11° to 45.94° overall. In women, the value is 44.66° to 48.54° on the right side, 45.03° to 48.56° on the left side, and 45.03° to 48.56° overall. Mean score of cervical pedicle angle to the end plate inferior on men is 12.47° to 15° on the right side, 11.36° to 14.10° on the left side, and 11.3° to 15° overall. While women at 11.48° to 15.03° on the right side, 11.28° to 15.17° on the left side and 11.28° to 15.17° overall. Cervical pedicle diameter in men ranging from 4.85 mm (SD ± 0.62) to 6.17 mm (SD ± 0.67), in women 4.08 mm (SD ± 0.75) to 5.69 mm (SD ± 0.69). There are differences in cervical pedicle angle to the midline and end plate inferior between men and women. (FMI 2014;50:58-62)

Keyword: Normal, asymptomatic, adults, cervical, Pedicle, angle, to, midline, cervical, Pedicle, angle, to, end, plate, inferior,

Daftar Pustaka: