DETECTION OF MYCOBACTERIUM LEPRAE DNA IN BLOOD OF THE SUBCLINICAL LEPROSY
(Cita Rosita Sitig Prakoeswa, Indropo Agus, Shinzo Izumi)

CORRELATION BETWEEN MUTANT p53 PROTEIN EXPRESSION AND HISTOPATHOLOGICAL GRADING
IN ASTROCYTOMA PATIENTS
(Joni Wahyuadi, Agus Chairui Anab)

HISTOPATHOLOGICAL FEATURE OF THE TUMOR OF CENTRAL NERVOUS SYSTEM
AT AIRLANGGA UNIVERSITY SCHOOL OF MEDICINE, DR SOETOMO HOSPITAL, SURABAYA, IN 2001-2003
(Etty Hary Kusumastuti, Suparman, Suhartono Taat Putra)

EXERCISE DIASTOLIC BLOOD PRESSURE AS AN INDICATOR OF ENDOTHELIAL FUNCTION
AMONG SUBJECTS WITH NORMAL AND LOW ANKLE-BRACHIAL INDEX
(Prihati Purwaskito, J Nugroho, Djoko Soemantri)

EFFECT OF ARTIFICIAL UNILATERAL URETER TOTAL OBSTRUCTON ON SERUM CYSTATIN-C LEVELS
IN ORYCTALAGUS CUNICULUS
(Hariyono, Soetojo, Doddy M Soebadi, Endang Retnowati, Widodo JP)

THE DETERMINATION ANTIPYRINE ON PLASMA BY SPECTROPHOTOMETER ULTRA VIOLET-VISIBLE
(Nuraini Farida, Bambang Hermanto, Lazuardi M)

LUMBAR MICRODISCECTOMY: TECHNIQUE, ADVANTAGES AND OUTCOMES.
SURABAYA EXPERIENCE ON 83 PATIENTS
(Adil Hafid Bajamal)

Case Report:
SUCCESSFUL TREATMENT OF STEVENS JOHNSON SYNDROME-TOXIC EPIDERMAL NECROLYSIS
WITH INTRAVENOUS IMMUNOGLOBULIN
(Bony Pramono, A尼亚to Darsono)

Review Article:
HYSTEROSALPINGOGRAPHY AS A DIAGNOSTIC TEST OF FEMALE INFERTILITY
(Arsana Wiyasa)

Review Article: HEART RATE VARIABILITY
A Remarkable Tool to Assess Sympathovagal Balance
(Muhammad Ridwan, Steve E Seliq)

Review Article and Clinical Experience:
HYPERTENSION IN DIABETIC NEPHROPATHY
The Five “Satan Circles”, DHA-LICOAR, the Roles of Valsartan
(Askandar Tjokroprawiro)
# Table of Contents

<table>
<thead>
<tr>
<th>No.</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Detection of Mycobacterium Leprae DNA in Blood of the Subclinical Leprosy</td>
<td>64 - 67</td>
</tr>
<tr>
<td>2</td>
<td>Correlation between Mutant p53 Protein Expression and Histopathological Grading in Astrocytoma Patients</td>
<td>68 - 74</td>
</tr>
<tr>
<td>3</td>
<td>Histopathological Feature of the Tumor of Central Nervous System at Airlangga University School of Medicine, Dr Soetomo Hospital, Surabaya, in 2001-2003</td>
<td>75 - 77</td>
</tr>
<tr>
<td>4</td>
<td>Exercise Diastolic Blood Pressure as an Indicator of Endothelial Function among Subjects with Normal and Low Ankle-Brachial Index</td>
<td>78 - 86</td>
</tr>
<tr>
<td>5</td>
<td>Effect of Artificial Unilateral Ureter Total Obstructon on Serum Cystatin-C Levels in Oryctalagus Cuniculus</td>
<td>87 - 92</td>
</tr>
<tr>
<td>6</td>
<td>The Determination Antipyrine on Plasma by Spectrophotometer Ultra Violet-Visible</td>
<td>93 - 98</td>
</tr>
<tr>
<td>7</td>
<td>Lumbar Microdiscectomy: Technique, Advantages and Outcomes. Surabaya Experience on 83 Patients</td>
<td>99 - 104</td>
</tr>
<tr>
<td>8</td>
<td>Case Report: Successful Treatment of Stevens Johnson Syndrome-Toxic Epidermal Necrolysis with Intravenous Immunoglobulin</td>
<td>105 - 112</td>
</tr>
<tr>
<td>9</td>
<td>Review Article: Hysterosalpingography as a Diagnostic Test of Female Infertility</td>
<td>113 - 117</td>
</tr>
<tr>
<td>10</td>
<td>Review Article: Heart Rate Variability. A Remarkable Tool to Assess Sympathovagal Balance</td>
<td>118 - 123</td>
</tr>
<tr>
<td>11</td>
<td>Review Article and Clinical Experience: Hypertension in Diabetic Nephropathy. The Five â€œSatan Circlesâ€®, DHA-LiCOAR, the Roles of Valsartan</td>
<td>124 - 128</td>
</tr>
</tbody>
</table>
Lumbar Microdiscectomy: Technique, Advantages and Outcomes. Surabaya Experience on 83 Patients

Abstract

From the initial work in Europe by Yasargil and Caspar to the popularization by Williams and Wilson in the United States, lumbar microdiscectomy has successfully reduced surgical morbidity and incision size while allowing patients to work faster. Emphasis is placed on the importance of a careful preoperative clinical and radiographic evaluation by identifying factors that may help in the prediction of successful surgical outcome. The objective of this study was to evaluate the outcome of patient with lumbar disc herniation that underwent microdiscectomy procedure including: return to normal ADL, return to work and evaluate the patient using the Mac Naab criteria, and, in addition, to learn the obstacles from this procedure. Eighty-three consecutive patients underwent microdiscectomy, at several hospitals in Surabaya, for one-level unilateral first-time lumbar disc herniation. Microdiscectomy was considered to involve a small incision with removal or opening of the ligamentum flavum, no or minimal bone excision, and use of the operating microscope to remove the disc material. Follow-up investigation was also conducted at least 1 year period. Relief of radicular pain, improvement in muscle power, and changes in sensory and/or reflex abnormality were documented. Assessment of outcome was performed using the Mac Naab criteria. Excellent and good result according to Mac Naab criteria were demonstrated in 84% patients. Return to work and return to normal activities of daily living (ADL) were 58% and 78% in 6 weeks post operation respectively. Microdiscectomy allows the neurosurgeon good visualization and in less traumatic to the involved tissues. The author found that lumbar microdiscectomy allows patients earlier return to work and normal ADL with less reliance on postoperative narcotic analgesic agents.

Keyword : lumbar, microdiscectomy, return, to, work, return, to, normal, ADL,

Daftar Pustaka :
8. WE Dandy, (1929). Loose cartilage from intervertebral disc stimulating tumor of the spinal cord. no info : Arch Surg