

ORIGINAL ARTICLES

The Relationship between Physical Activity and FEV1/FVC in Asthmatics

Andis Putri Nawangasri, Budiono, Arief Bakhtiar, Budi Sutikno, Esti Maulidya Suryaningrum, Dahlia Damayanti

Effect of Acute Persadia Gymnastic on The Ability to Concentrate in Diabetic Patients

Desi Rianti Rahmadhani, Lilik Herawati, Sony Wibisono Mudjanarko, Kristanti Wanito Wigati, Laylatul Fitriah Mukarromah, Winna Adelia Amru

Normal Walking Speed According to Age and Gender in Preliminary Students in Surabaya

Naoval Diza Ananda, Hening Laswati, Purwo Sri Rejeki, Andri Suyoko

Effect of Anodal Transcranial Direct Current Stimulation to Flexor Digitorum Superficialis Muscle Activities in Stroke Subjects

Ana Mursyida, Reni H. Masduchi, Imam Subadi

LITERATURE REVIEW

Non-Pharmacological Balance Therapy on Diabetic Peripheral Neuropathy Patients with Balance Disorders

Jeremy Nicolas Sibarani, Kristanti WanitoWigati, Lilik Herawati, Imam Subadi

CASE REPORTS

Comprehensive Rehabilitation of Severe Tuberculous Meningitis: A Case Series

Yohan Christian Suisan, Khamim Thohari

Dysvascular Transtibial Amputation Due to Artery Stenosis: A Case Report Study

Kurnia Imanawanto, Ditaruni Asrina Utami

EDITORIAL TEAM

Chief Editor

Martha Kurnia Kusumawardani

Section Editors

Hening Laswati

Norhayati Hussein

Nur Sulastri

Abdul Jabbar Al-Hayyan

Azizati Rochmania

Hairrudin

RAHARINANTENAINA Holiarisoa

Andréa

Muhammad Barlian Nugroho

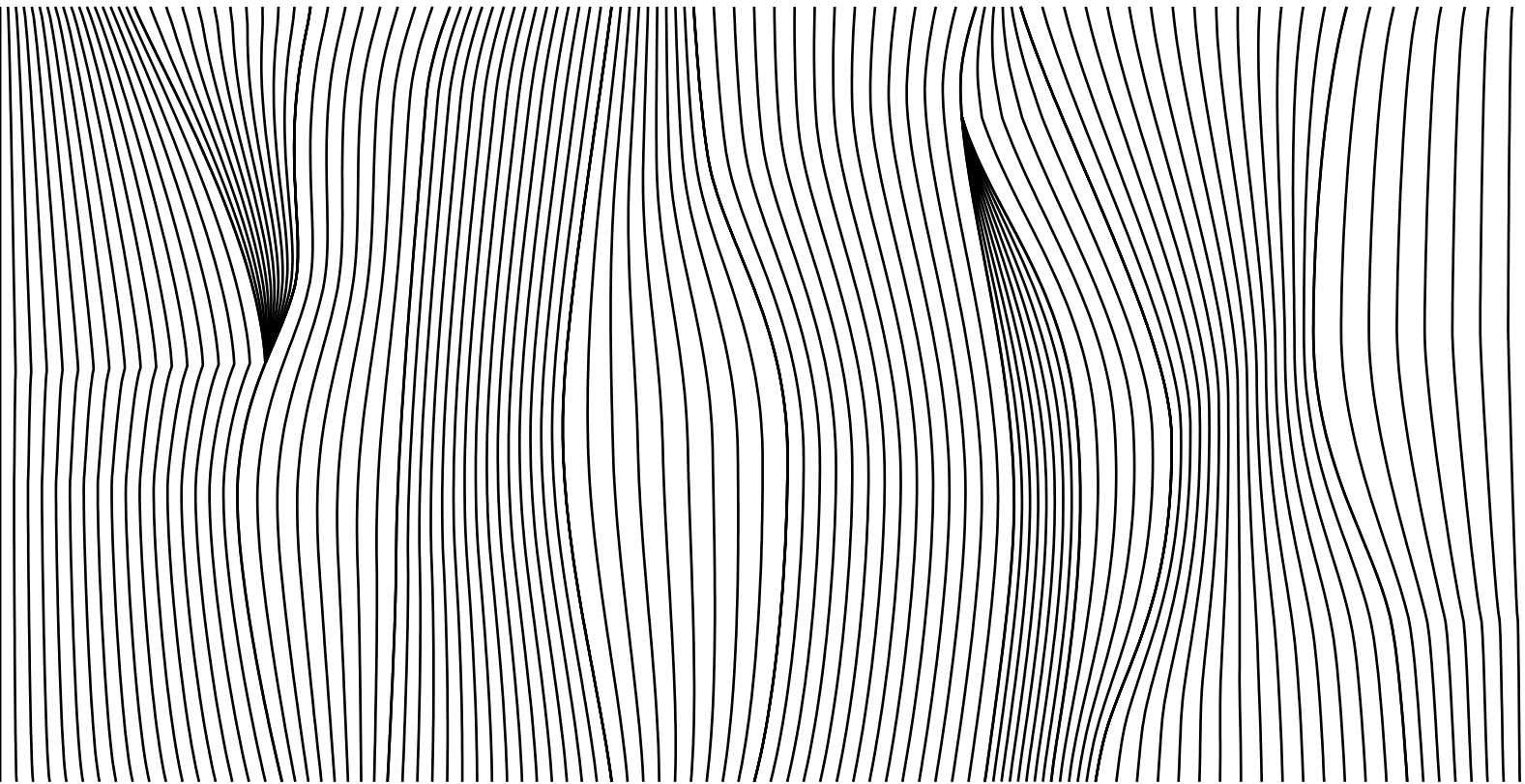
Amandha Boy Timor Ranindita

Sintip Pattanakuhar

Boya Nugraha

Ivandito Kunjoro

Bayu Satria Wiratama



REVIEWER

Dewi Poerwandari

Vitriana Biben

Tanti Ajoë Kesoema

Maria Regina Rahmawati

Damayanti Tinduh

Rahmad

Moch. Ridwan

Ando Tatiana Ranaivondrambola

I Putu Alit Pawana



EDITORIAL NOTE

Surabaya Physical Medicine and Rehabilitation Journal (SPMRJ) is a journal formed by Department of Physical Medicine and Rehabilitation, Faculty of Medicine, Universitas Airlangga. Physical medicine and rehabilitation is a branch of medicine that is responsible for the function of patients with various disease conditions. In this edition, we can learn about rehabilitation interventions in various cases involving different organ systems from cases of diabetes, dysvascular problems, tuberculous meningitis, and stroke. We can also learn about how the clinical manifestations of asthma affect physical activity and how gender and age differences affect walking biomechanics.

Regards,

EDITOR



TABLE OF CONTENT

- 1 The Relationship between Physical Activity and FEV1/FVC in Asthmatics
Andis Putri Nawangasri, Budiono, Arief Bakhtiar, Budi Sutikno, Esti Maulidya Suryaningrum, Dahlia Damayanti
- 7 Effect of Acute Persadia Gymnastic on The Ability to Concentrate in Diabetic Patients
Desi Rianti Rahmadhani, Lilik Herawati, Sony Wibisono Mudjanarko, Kristanti Wanito Wigati, Laylatul Fitriah Mukarromah, Winna Adelia Amru
- 15 Normal Walking Speed According to Age and Gender in Preliminary Students in Surabaya
Naoval Diza Ananda, Hening Laswati, Purwo Sri Rejeki, Andri Suyoko
- 21 Effect of Anodal Transcranial Direct Current Stimulation to Flexor Digitorum Superficialis Muscle Activities in Stroke Subjects
Ana Mursyida, Reni H. Masduchi, Imam Subadi
- 26 Non-Pharmacological Balance Therapy on Diabetic Peripheral Neuropathy Patients with Balance Disorders
Jeremy Nicolas Sibarani, Kristanti WanitoWigati, Lilik Herawati, Imam Subadi
- 32 Comprehensive Rehabilitation of Severe Tuberculous Meningitis: A Case Series
Yohan Christian Suisan, Khamim Thohari
- 37 Transtibial Amputation Due to Artery Stenosis: A Case Report Study
Kurnia Imanawanto, Ditaruni Asrina Utami