

# Dr. dr. Khairul Putra Surbakti, Sp.S (K)

Dosen Program Studi Sp-1 Neurologi  
Fakultas Kedokteran  
Universitas Sumatera Utara

✉ khairul.putra@usu.ac.id

🌐 [fk.usu.ac.id/id/dosen/khairul-putra-surbakti](http://fk.usu.ac.id/id/dosen/khairul-putra-surbakti)

*Dr. dr. Khairul Putra Surbakti, Sp.S(K) adalah seorang dokter Spesialis Saraf dan akademisi di Fakultas Kedokteran Universitas Sumatera Utara (FK USU). Beliau menjabat sebagai Lektor Kepala. Pendidikan dokter Spesialis Saraf ditempuhnya di USU, dilanjutkan dengan program Doktor (S-3) juga di USU. Keahlian risetnya terutama bidang Nyeri Kepala dan Neuroscience.*

## Publications

2024

Jurnal nasional

### **Relationship between Risk Factors and Modic Changes Type on Magnetic Resonance Imaging of Lumbar Vertebrae in Low Back Pain Patients at H. Adam Malik Hospital Medan**

KHAIRUL PUTRA SURBAKTI , HENNY MAISARA S , M. RIZKY ANANDA HASIBUAN

2024

Jurnal internasional bereputasi

### **The Role of Leukocyte Telomere Length in Cognitive Function, Symptom Severity, and Sdg-Related Health Goals Among Batak Schizophrenia Patients**

M. SURYA HUSADA , KHAIRUL PUTRA SURBAKTI

2024

Jurnal internasional bereputasi

### **The Effect of Piracetam Administration on Cerebral Palsy Prevention in Rat Fetuses Born To Pregnant Rats by Determining Bdnf Levels in Brain Tissue**

SARMA N LUMBANRAJA , DUDY ALDIANSYAH , KHAIRUL PUTRA SURBAKTI , ISTI ILMIATI FUJIATI , AGUS SULISTYONO

2024

Jurnal internasional

### **The Relationship between Age and Cerebral Atrophy on Head CT-Scan Examination at Haji Adam Malik General Hospital Medan**

ELVITA RAHMI DAULAY , KHAIRUL PUTRA SURBAKTI , Ade Nur Imansyah

2023

Jurnal internasional bereputasi

### **Association between pain intensity and cognitive function in primary headache**

KHAIRUL PUTRA SURBAKTI , RADEN AJENG PUJIASTUTI

2023

Jurnal internasional bereputasi

### **Comparison of C-reactive protein, D-dimer, vitamin D and magnesium serum levels between migraineurs and tension-type headache sufferers**

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2023

Jurnal internasional bereputasi

### **Comparison of C-reactive protein, D-dimer, vitamin D and magnesium serum levels between migraineurs and tension-type headache sufferers**

KHAIRUL PUTRA SURBAKTI

2023

Jurnal nasional

## **Relationship between Fatigue and The Incidence of Tension-Type Headache in The First Semester Resident Doctors of The Faculty of Medicine Universitas Sumatera Utara**

KHAIRUL PUTRA SURBAKTI

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2023

Jurnal internasional

## **The Relationship between Fatigue and The Incidence of Tension-Type Headache in The First Semester Resident Doctors of The Faculty of Medicine Universitas Sumatera Utara**

IRINA KEMALA NASUTION , KHAIRUL PUTRA SURBAKTI

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2021

Jurnal nasional

## **Correlation Between Mobile Phone Use Intensity With Carpal Tunnel Syndrome**

KHAIRUL PUTRA SURBAKTI

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2021

Jurnal internasional bereputasi

## **The Effect of Flunarizine Prophylactic Treatment on Headache Frequency and Plasma Glutamate Levels in Chronic Tension-type Headache Patients**

KHAIRUL PUTRA SURBAKTI

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2020

Jurnal internasional bereputasi

## **Association between Serum Levels of High Sensitivity C-Reactive Protein, Interleukin-1, and Interleukin-6 with Pain Intensity in Patients with Low Back Pain without Sciatica**

KHAIRUL PUTRA SURBAKTI

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2019

Jurnal internasional bereputasi

## **Neuromyelitis Optica Spectrum Disorder: A Case Report of Effective Combination Immunosuppressant, Corticosteroids, and Therapeutic Plasma Exchange**

KHAIRUL PUTRA SURBAKTI

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2017

Jurnal internasional bereputasi

## **Effect of Flunarizine on Serum Glutamate Levels and its Correlation with Headache Intensity in Chronic Tension-Type Headache Patients**

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2015

Jurnal nasional terakreditasi

## **Hubungan Kadar Low-Density Lipoprotein Cholesterol dengan Kejadian dan Keparahan Stroke Akut**

KHAIRUL PUTRA SURBAKTI

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2014

Jurnal nasional

## **Hubungan antara indeks massa tubuh dan lingkaran pinggang dengan nyeri kepala dan kualitas tidur**

KHAIRUL PUTRA SURBAKTI

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2012

Jurnal nasional

## **Hubungan trigliserida tidak puasa dengan kejadian stroke iskemik**

KHAIRUL PUTRA SURBAKTI

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**Researches**

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2025  
Ipteks

## **Correlation Between Human Transforming Growth Factor Beta Levels and Pain Severity in Tension Type Headache**

KHAIRUL PUTRA SURBAKTI , RADEN AJENG PUJIASTUTI , NADYA AYU NINGSIH

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2024

## **Faktor-Faktor yang Memengaruhi Kejadian Nyeri Kepala akibat Penggunaan Gadget pada Siswa SMA Negeri 4 Medan**

KHAIRUL PUTRA SURBAKTI , SOPHIA LAURENT

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2023  
Ipteks

## **Hubungan antara Usia dengan Atrofi Serebri pada Pemeriksaan CT Scan Kepala di RSUP H. Adam Malik Medan**

KHAIRUL PUTRA SURBAKTI , ELVITA RAHMI DAULAY

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2023  
Ipteks

## **Efek Pemberian Piracetam Pada Kadar dan Ekspresi Interleukin-6, Glial Fibrillary Acidic Protein, Brain-Derived Neurotrophic Factor, mRNA Gelsolin, mRNA GluN3A dan mRNA Calmodulin-2, pada Jaringan Otak Janin Tikus Model Periventricular Leukomalacia**

KHAIRUL PUTRA SURBAKTI , ISTI ILMIATI FUJIATI , SARMA N LUMBANRAJA

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2023  
Ipteks

## **Efek Pemberian Isolat Oleuropein Terhadap Kadar Apoptosis Inducing Factor, Glial Acidic Fibrillary Protein, Matrix Metalloprotein-9 dan High Mobility Group Box-1 Pada Tikus Model Cedera Otak Traumatik**

JULIA REVENY , KHAIRUL PUTRA SURBAKTI , RIDHA DHARMAJAYA

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2022

## **Hubungan Kelelahan dan Stres Terhadap Kejadian Tension-Type Headache Pada Dokter Residen Semester 1 Fakultas Kedokteran Universitas Sumatera Utara**

KHAIRUL PUTRA SURBAKTI

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2022

## **Perbedaan Mean Platelet Volume dan Luaran Klinis Setelah Pemberian Dual Antiplatelet atau Monoterapi Aspirin dengan atau Tanpa Statin pada Pasien Stroke Iskemik Akut**

KHAIRUL PUTRA SURBAKTI , IRINA KEMALA NASUTION , MARISKA

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2022

## **Peran Faktor Makanan Sebagai Pencetus Terjadinya Nyeri Kepala Migraine dan Tension-Type Headache pada Penduduk Kota Medan**

KHAIRUL PUTRA SURBAKTI , MULIAWAN TANTRIADY

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2020  
Penelitian Tim Pasca Sarjana

## **Correlation between acute ischemic stroke onset with Alberta stroke program early CT Score**

KHAIRUL PUTRA SURBAKTI , ISKANDAR NASUTION

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2020  
Penelitian Dana Lokal Perguruan Tinggi

## **Association between serum levels of high sensitivity C reactive protein, interleukin 1, and interleukin 6 with pain intensity in patients with low back pain without sciatica**

KHAIRUL PUTRA SURBAKTI , ISKANDAR NASUTION

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2015  
Penelitian Hibah Bersaing

# PENGARUH PEMBERIAN FLUNARIZIN SEBAGAI TERAPI PROFILAKSIS TERHADAP FREKWENSI SERA

HASAN SYAHRIR , KHAIRUL PUTRA SURBAKTI

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## Community Services

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2024

### Penyuluhan Sakit Kepala Sebelah/Migren

KHAIRUL PUTRA SURBAKTI

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2020

Penelitian Dana Lokal Perguruan Tinggi

### Penelitian ABDIMAS COVID 19

OKE RINA RAMAYANI , KIKING RITARWAN , KHAIRUL PUTRA SURBAKTI , KIKI MOHAMMAD IQBAL , ROSMAYANTI SYAFRIANI SIREGAR

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