

# Dr. dr. Steven Tandean, M.Ked(Neurosurg), SpBS

Lecturer of Program Studi Sp-1 Ilmu Bedah Saraf Study Program  
Faculty of Medicine  
Universitas Sumatera Utara

✉ [steven.tandean@usu.ac.id](mailto:steven.tandean@usu.ac.id)

🌐 [fk.usu.ac.id/en/lecturer/steven-tandean](http://fk.usu.ac.id/en/lecturer/steven-tandean)

---

## Publications

---

2024

Jurnal internasional bereputasi

### **Chemical Composition and Neuroprotective Properties of Indonesian Stingless Bee (*Geniotrigona thoracica*) Propolis Extract in an In-Vivo Model of Intracerebral Hemorrhage (ICH)**

STEVEN TANDEAN

---

2019

Jurnal internasional bereputasi

### **Protective Effects of Propolis Extract in a Rat Model of Traumatic Brain Injury via Hsp70 Induction**

STEVEN TANDEAN , ISKANDAR JAPARDI

---

2024

Jurnal internasional bereputasi

### **Propolis as an autophagy modulator in relation to its roles in redox balance and inflammation regulation**

STEVEN TANDEAN

---

2025

Poster seminar nasional

### **Optimizing Stroke Care - An Attempt for Early Recognition and the Use of Telestroke to Accomplish Golden Period in Indonesia**

STEVEN TANDEAN , Alexander Josethang

---

2020

Jurnal internasional bereputasi

### **Profile of Daily Life in Children with Brain Tumors: An Assessment of PedsQL 4.0 Generic Core Scales before and after Treatment. Open Access Maced J Med Sci. 2020 Apr 28; 8 (BÂ ...**

JULIUS JULY , STEVEN TANDEAN

---

2022

Jurnal internasional bereputasi

### **The Potential Use of Propolis as a Primary or an Adjunctive Therapy in Respiratory Tract-Related Diseases and Disorders: A Systematic Scoping Review**

STEVEN TANDEAN , MUHAMMAD ARFIZA PUTRA SARAGIH

---

2018

Jurnal internasional bereputasi

### **Neuroendoscopic aspiration and lavage of intraventricular empyema following shunt infection in infants**

LUTFI HENDRIANSYAH , STANISLAUS DJOKOMULJANTO , JULIUS JULY , STEVEN TANDEAN , ANDRY JULIANSEN

---

2020

Jurnal internasional bereputasi

# Clinicopathological associations and prognostic values of IDH1 gene mutation, MGMT gene promoter methylation, and PD-L1 expressions in high-grade glioma treated with standard treatment

STEVEN TANDEAN

2022

Jurnal internasional bereputasi

## Propolis of stingless bees for the development of novel functional food and nutraceutical ingredients: A systematic scoping review of the experimental evidence

STEVEN TANDEAN

2020

Jurnal internasional bereputasi

## Profile of Daily Life in Children with Brain Tumors: An Assessment of PedsQL 4.0 Generic Core Scales before and after Treatment

STEVEN TANDEAN

2025

Artikel ilmiah

## Chronic subdural hemorrhage: from pathophysiology to treatment options

STEVEN TANDEAN , Alexander Josethang

2025

Jurnal internasional bereputasi

## Effectiveness of andaliman extract (Zanthoxylum acanthopodium DC) on TNF- $\alpha$ , caspase-3, apoptosis inducing factor, malondialdehyde levels in Rattus norvegicus hemorrhagic stroke model

YOLANDA ELIZA PUTRI LUBIS , STEVEN TANDEAN , PROF DR H GUSBAKTI MSC PKK , ALVIN ABRAR HARAHAP , ERMI GIRSANG , DEWI SARTIKA , MAWAR SUBANGKIT , Alexander Josethang

2022

Jurnal internasional bereputasi

## Recent Update on the Anti-Inflammatory Activities of Propolis

STEVEN TANDEAN , OK ILHAM ABDULLAH IRSYAM

2025

Buku referensi

## Buku Saku Stroke : Panduan Ringkas Diagnosis dan Tatalaksana

STEVEN TANDEAN , Alexander Josethang

2020

Jurnal nasional terakreditasi

## Epidemiology of Traumatic Brain Injury in Neurosurgery Department of Tertiary Referral Hospital at North Sumatera, Indonesia

STEVEN TANDEAN , JEFFREY JAPARDI

2024

Jurnal nasional terakreditasi

## Osteolytic lesion in primary intracranial meningioma: A case report

STEVEN TANDEAN , Androcles Dwi Wirotama , Celine Augla D'Prinzessin

2019

Jurnal internasional bereputasi

## Protective Effects of Propolis Extract in a Rat Model of Traumatic Brain Injury via Hsp70 Induction. 2019 Sep 15; 7 (17): 2763-2766

STEVEN TANDEAN , ISKANDAR JAPARDI , WIBI RIAWAN , JULIUS JULY

2024

Jurnal internasional bereputasi

## Propolis as an autophagy modulator in relation to its roles in redox balance and inflammation regulation

STEVEN TANDEAN , NASRUL WATHONI , RONNY , AULIYA ABDURROHIM SUWANTIKA , RIZKY ABDULAH

2024

Jurnal nasional terakreditasi

# Effectiveness of Etanol Extract Bajakah Wood (*Spatholobus* sp.) on the Growth of *Staphylococcus aureus* ATCC 25923

TETTY AMAN NASUTION , STEVEN TANDEAN , SYAMSUL BIHAR , RIFANNY PARUMA BANJARNAHOR

2018

Jurnal nasional terakreditasi

## Pediatric gunshot penetrating head injury: a case report with 2-year follow-up

ISKANDAR JAPARDI , STEVEN TANDEAN

2019

Jurnal nasional

## Epidemiology of Pediatric Brain Tumor in the Center of Referral Hospital in North Sumatera from 2013-2017

STEVEN TANDEAN , M. IHSAN Z. TALA , RIDHA DHARMAJAYA , ABDURRAHMAN MOUSA ARSYAD , PRAWIRA BUNTARA PUTRA

2020

Jurnal internasional bereputasi

## Clinicopathological associations and prognostic values of IDH1 gene mutation, MGMT gene promoter methylation, and PD-L1 expressions in high-grade glioma treated with standard ...

STEVEN TANDEAN , JULIUS JULY , PRICILLA YANI GUNAWAN , HANDRIANTO SETIAJAYA , TERIDAH ERNALA GINTING

2025

Jurnal nasional terakreditasi

## The Relationship Between The Habits Of Using Personal Protective Equipment And Personal Hygiene And The Incidence Of Intestine Parasite Infections In Waste Workers At TPA Terjun Medan

STEVEN TANDEAN

2021

Jurnal internasional bereputasi

## Can Propolis Be a Useful Adjuvant in Brain and Neurological Disorders and Injuries? A Systematic Scoping Review of the Latest Experimental Evidence

STEVEN TANDEAN

## Intellectual Property Rights

---

2021

Hak cipta nasional

## Buku Saku Stroke Panduan Ringkas Diagnosis dan Tatalaksana

STEVEN TANDEAN , Alexander Josethang

2021

Hasil penelitian/pemikiran yang tidak dipublikasikan

## Efek Pemberian Ekstrak Propolis terhadap Edema dan Inflamasi Serebri Akibat Perdarahan Intracerebral Spontan pada *Rattus Novergicus Galur Sprague Dawley*

STEVEN TANDEAN