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Dosen Program Studi Sp-1 Ilmu Kesehatan Anak  
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*Prof. dr. Ayodhia Pitaloka Pasaribu, M.Ked(Ped), Sp.A(K), Ph.D(CTM) merupakan dokter spesialis anak konsultan infeksi dan penyakit tropis serta dosen di Fakultas Kedokteran Universitas Sumatera Utara (FK USU) sejak tahun 2005. Beliau aktif berkiprah dalam bidang akademik, klinik, dan penelitian, serta sejak tahun 2018 menjabat sebagai Ketua Unit Penelitian Klinis di RSUP H. Adam Malik. Saat ini, Prof. Ayodhia juga mengemban amanah sebagai Ketua Divisi Penyakit Infeksi dan Kedokteran Tropis Anak USU, dengan keahlian utama meliputi penyakit infeksi, kedokteran tropis, malaria, serta penyakit yang dapat dicegah dengan imunisasi (PD3I). Selain itu, beliau berperan penting di tingkat regional dan nasional, antara lain sebagai Wakil Ketua Komite Ahli Malaria Indonesia bidang diagnosis dan penatalaksanaan, Ketua Komite Ahli Penyakit Difteri dan PD3I Sumatera Utara, serta Sekretaris Tim Penyakit Infeksi Emerging dan Re-Emerging dalam Gugus Tugas COVID-19 Provinsi Sumatera Utara, sehingga memberikan kontribusi signifikan dalam penguatan kebijakan dan penanganan penyakit infeksi di Indonesia, khususnya di Sumatera Utara.*

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## Publications

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2026

Jurnal internasional bereputasi

**Effectiveness and safety of 7-day high-dose primaquine and single-dose tafenoquine versus 14-day low-dose primaquine in patients with Plasmodium vivax malaria (EFFORT): a multicentre, open-label, randomised, controlled, superiority trial**

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2025

Jurnal internasional bereputasi

**Automated reporting of primaquine dose efficacy, tolerability and safety for Plasmodium vivax malaria using a systematic review and individual patient data meta-analysis**

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2025

Jurnal internasional

**Current Profile of Vivax Malaria in Isolated Area of Kualuh Leidong**

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2025

Jurnal internasional bereputasi

**Microhaplotype deep sequencing assays to capture Plasmodium vivax infection lineages**

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2025

Jurnal internasional bereputasi

**High daily dose Short COurse PrimaquinE after G6PD testing for the radical cure of Plasmodium vivax malaria in Indonesia and Papua New Guinea: the SCOPE implementation study protocol**

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2025  
Jurnal internasional bereputasi

**Parasitaemia and fever in uncomplicated Plasmodium vivax malaria: A systematic review and individual patient data meta-analysis**

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2025  
Jurnal internasional bereputasi

**How do study participants want to be informed about study results: Findings from a malaria trial in Cambodia, Ethiopia, Pakistan, and Indonesia**

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2024  
Jurnal internasional bereputasi

**Primaquine for uncomplicated Plasmodium vivax malaria in children younger than 15 years: a systematic review and individual patient data meta-analysis**

AYODHIA PITALOKA

2024  
Jurnal internasional bereputasi

**Methaemoglobin as a surrogate marker of primaquine antihypnozoite activity in Plasmodium vivax malaria: A systematic review and individual patient data meta-Â ...**

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2024  
Jurnal internasional bereputasi

**Methaemoglobin as a surrogate marker of primaquine antihypnozoite activity in Plasmodium vivax malaria: a systematic review and individual patient data meta-analysis**

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2024  
Jurnal internasional bereputasi

**Evaluation of hydroxychloroquine or chloroquine for the prevention of COVID-19 (COPCOV): A double-blind, randomised, placebo-controlled trial**

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2024  
Jurnal internasional bereputasi

**Determinants of mortality in relationship between clinical and laboratory characteristics with the outcomes of children with diphtheria: A cross-sectional study at a nationalÂ ...**

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2024  
Jurnal internasional bereputasi

**Determinants of mortality in relationship between clinical and laboratory characteristics with the outcomes of children with diphtheria: A cross-sectional study at a national hospital of Sumatra region in 2020â 2023**

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2024  
Jurnal internasional bereputasi

**Determinants of mortality in relationship between clinical and laboratory characteristics with the outcomes of children with diphtheria: A cross-sectional study at a national hospital of Sumatra region in 2020â 2023**

OKE RINA RAMAYANI , AYODHIA PITALOKA

2024  
Jurnal internasional bereputasi

**Determinants of COVID-19 severity and mortality in children: A retrospective and multicenter cohort study in Medan, Indonesia**

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2024

**Characteristics and clinical outcomes of patients with pre-delta, delta and omicron SARS-CoV-2 infection in Indonesia (2020-2023): a multicentre prospective cohort study**

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2024

**Characteristics and clinical outcomes of patients with pre-delta, delta and omicron SARS-CoV-2 infection in Indonesia (2020-2023): a multicentre prospective cohort study**

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2024

**Characteristics and clinical outcomes of patients with pre-delta, delta and omicron SARS-CoV-2 infection in Indonesia (2020-2023): a multicentre prospective cohort study**

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2023

**Effect of primaquine dose on the risk of recurrence in patients with uncomplicated Plasmodium vivax: a systematic review and individual patient data meta-analysis**

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2023

**Primaquine dose and the risk of haemolysis in patients with uncomplicated Plasmodium vivax malaria: a systematic review and individual patient data meta-analysis**

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2023

**Effect of primaquine dose on the risk of recurrence in patients with uncomplicated Plasmodium vivax: a systematic review and individual patient data metaanalysis**

KARTINI LIDIA , INGE SUTANTO , AYODHIA PITALOKA

2023

**Case series of primaquine-induced haemolytic events in controlled trials with G6PD screening**

AYODHIA PITALOKA , SYAFRUDDIN , AYLEEN ALICIA KOSASIH , INGE SUTANTO

2023

**Case Series of Primaquine-Induced Haemolytic Events in Controlled Trials with G6PD Screening**

AYODHIA PITALOKA

2023

**Weekly primaquine for radical cure of patients with Plasmodium vivax malaria and glucose-6-phosphate dehydrogenase deficiency**

AYODHIA PITALOKA

2023

**The heterogeneity of symptom reporting across study sites: a secondary analysis of a randomised placebo-controlled multicentre antimalarial trial**

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2023  
Jurnal internasional bereputasi

## **Case Series of Primaquine-Induced Haemolytic Events in Controlled Trials with G6PD Screening**

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2023  
Jurnal internasional bereputasi

## **Association of Country Income Level With the Characteristics and Outcomes of Critically Ill Patients Hospitalized With Acute Kidney Injury and COVID-19**

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2023  
Jurnal internasional

## **Efficacy of dihydroartemisinin-piperazine plus primaquine treatment on vivax malaria in North Sumatera, Indonesia: a prospective observational study**

AYODHIA PITALOKA , Ibrahim BIN , Stephane PICOT , FAHMI

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2023  
Jurnal internasional bereputasi

## **Association of Country Income Level With the Characteristics and Outcomes of Critically Ill Patients Hospitalized With Acute Kidney Injury and COVID-19**

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2023  
Jurnal internasional bereputasi

## **Adapting international clinical trials during COVID-19 and beyond**

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2023  
Jurnal internasional bereputasi

## **Characteristics and outcomes of an international cohort of 600 000 hospitalized patients with COVID-19**

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2022  
Jurnal internasional

## **Spatial analysis to evaluate risk of malaria in Northern Sumatera, Indonesia**

AYODHIA PITALOKA , FAHMI

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2022  
Jurnal internasional bereputasi

## **Comparison of the performance of the CareStart Malaria Pf/Pan Combo test and field microscopy in the diagnosis of Plasmodium vivax malaria in North Sumatera, Indonesia**

AYODHIA PITALOKA , FAHMI

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2021  
Jurnal internasional bereputasi

## **Spatio-Temporal Patterns of Dengue Incidence in Medan City, North Sumatera, Indonesia**

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2021  
Jurnal internasional bereputasi

## **Haematological profile of children with malaria in Sorong, West Papua, Indonesia**

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2021  
Jurnal internasional bereputasi

## **Addressing hard-to-reach populations for achieving malaria elimination in the Asia Pacific Malaria Elimination Network countries**

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2020

## **Quantification of glucose-6-phosphate dehydrogenase activity by spectrophotometry: A systematic review and meta-analysis**

AYODHIA PITALOKA

2020

## **Intravenous and Oral Paracetamol Have the Same Effect in Reducing Fever in Pediatric Patients**

BIDASARI LUBIS , AYODHIA PITALOKA , AZNAN LELO

2017

## **Relationship between Stunting and Soil-Transmitted Helminth Infections among School Aged Children**

AYODHIA PITALOKA , IKA CITRA DEWI TANJUNG

## **Researches**

2024

## **Publikasi karya dari penelitian kolaborasi internasional**

AYODHIA PITALOKA

2021

## **Uji Klinik Fase II-III Acak, tersamar ganda dengan kontrol plasebo untuk menilai keamanan dan efikasi pemberian oral ivermectin pada pasien COVID-19 derajat ringan-sedang-berat**

BINTANG YINKE MAGDALENA SINAGA , PARLUHUTAN SIAGIAN , AYODHIA PITALOKA

## **Community Services**

2025

## **Pengabdian Masyarakat DIES FK USU ke 73**

AYODHIA PITALOKA

2025

## **Pemeriksaan kesehatan anak dan imunisasi kejar Kota Binjai**

AYODHIA PITALOKA , IKA CITRA DEWI TANJUNG , BUGIS MARDINA LUBIS , Tiangsa Sembiring

2025

## **Pengabdian Masyarakat berupa pemeriksaan kesehatan terhadap bayi dan anak di RS Mata Prov Sumut**

AYODHIA PITALOKA , BUGIS MARDINA LUBIS

2025

## **Pengabdian Masyarakat kerjasama Dept IKA dgn TP-PKK**

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2025

## **Pengabdian Masyarakat kerjasama Dept IKA dgn TP-PKK**

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2025

## **Pelayanan KSM IKA di Poli Rawat Jalan Eksekutif**

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2025

## **Pengabdian Masyarakat berupa pemeriksaan kesehatan terhadap bayi dan**

## **anak di RS Mata Prov Sumut**

AYODHIA PITALOKA , BUGIS MARDINA LUBIS

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2024

## **Seminar Kesehatan Anak dan Penanganan Balita Stunting Kerjasama PT Inalum**

AYODHIA PITALOKA , BUGIS MARDINA LUBIS

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2020

## **Menduduki jabatan pimpinan pada lembaga pemerintahan/pejabat negara yang harus dibebaskan dari jabatan organiknya yaitu menjadi Koordinator Medis dan Paramedis Gugus Tugas Percepatan Penanganan COVID-19 Provinsi Sumatera Utara**

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# **Intellectual Property Rights**

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2024

Hak cipta nasional

## **Video Edukasi Malaria**

AYODHIA PITALOKA , dr. Rama Dhona Sihotang, M.Ked(Ped), Sp.A , dr. Vincent Jimanto , dr. Framita Ainur

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2024

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## **Edukasi bahaya malaria dan pengobatan primakuin dosis tinggi (studi scope)**

AYODHIA PITALOKA , dr. Rama Dhona Sihotang, M.Ked(Ped), Sp.A , dr. Vincent Jimanto , dr. Framita Ainur

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2022

Hak cipta nasional

## **Pedoman COVID-19: Dari Sumatera Utara untuk Indonesia**

AYODHIA PITALOKA

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