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Dosen tetap di Program Studi S1 Kesehatan Masyarakat Fakultas Kesehatan Masyarakat Universitas Sumatera Utara dengan jabatan fungsional sebagai Lektor. Bidang Ilmu yang menjadi fokus adalah kesehatan masyarakat dengan minat utama Biostatistik, Informasi Kesehatan, Sistem Informasi Geografis, Penyakit Tidak Menular, Penyakit Menular dan Kependudukan. Riset yang telah dilakukan antara lain perbandingan kualitas data rutin di Serdang Bedagai dan Pakpak Barat, studi identifikasi kebutuhan Lansia di Kota Medan, Analisis Dinamika Penduduk dan Perumusan Grand Design Pengendalian Pertumbuhan Penduduk Provinsi Sumatera Utara, Analisis Determinan TB/RO Terkonfirmasi Yang Belum Memulai Pengobatan di Kota Medan, Faktor Risiko dan Perancangan Sistem Deteksi Dini Penyakit Tidak Menular (PTM) di Kota Medan, Pemetaan Faktor Risiko Balita Stunting di Kota Medan Berbasis Sistem Informasi Geografis. Saat ini sedang melakukan riset mengenai Pengaruh Pemberdayaan Kader Posyandu Balita terhadap Peningkatan Keterampilan dalam Upaya Pencegahan Stunting di Kota Medan.

Publications

2018

Jurnal internasional bereputasi

Analysis of Factors Affecting the Self-Care Behaviors of Diabetes Mellitus Type 2 Patients in Binjai, North Sumatera-Indonesia

ERNA MUTIARA

2016

Prosiding seminar internasional

Risk Factors for Severe Malnutrition in Under Five Children in Medan City

RASMALIAH , ERNA MUTIARA

2021

Jurnal internasional bereputasi

Effect of zinc supplementation in pelod-2 score and zinc serum level in children with sepsis

MUNAR LUBIS , ERNA MUTIARA

2020

Jurnal nasional terakreditasi

The Correlation between Perception of Stigma of HIV/AIDS and Utilization of Voluntary Counseling and Testing and Care, Support and Treatment Polyclinic at Djoelham Hospital, Binjai

ERNA MUTIARA , SURYA UTAMA

2014

Jurnal nasional terakreditasi

Perbandingan Gangguan Perilaku Anak Penderita Penyakit Jantung Bawaan dan Saudaranya yang Sehat

ERNA MUTIARA

2013

Jurnal nasional

Faktor yang Berhubungan dengan Pemberian ASI Eksklusif pada Bayi (0-6 Bulan) di Kelurahan Bantan Kecamatan Medan Tembung Tahun 2013

ERNA MUTIARA

2018
Jurnal internasional bereputasi

Association Between the Ratio of Matrix Metallo Proteinase-2 (MMP-2) to Tissue Inhibitor of MMP-2 (TIMP-2) Level and the Expression of Collagen Type-III in Endopelvic Fascia of Menopausal Women with Pelvic Organ Prolapse

ERNA MUTIARA

2024
Jurnal internasional

Enhancing Family Support to Combat Treatment Non-Adherence in Multi-Drug Resistant Tuberculosis Patients at H. Adam Malik Hospital, Medan

CINDY SUCI VERONIKA PANE , ERNA MUTIARA , FAZIDAH AGUSLINA SIREGAR

2020
Jurnal nasional terakreditasi

The Correlation of Microsomal Epoxide Hydrolase (EPHX1) His139ArgGene Polymorphism and Lung Cancer Incidence in H. Adam Malik General Hospital Medan

ERNA MUTIARA

2024
Jurnal internasional bereputasi

MICROBIAL PATTERNS AND DRUG SENSITIVITY TEST OF BACTERIAL AND FUNGAL INFECTION IN COVID-19 PATIENTS AT ADAM MALIK HOSPITAL, MEDAN, INDONESIA

ERNA MUTIARA , BINTANG YINKE MAGDALENA SINAGA , Ursula Regina Sibarani , Muntasir

2019
Prosiding seminar internasional

A Qualitative Study on the Quality Of Life Among Batakness Housewives Infected with HIV in HBKP AIDS Ministry Balige North Sumatera

ERNA MUTIARA

2018
Prosiding seminar internasional

Factors Related to Successful Treatment of Drug-Resistance Tuberculosis in H. Adam Malik hospital, Medan, Indonesia

BINTANG YINKE MAGDALENA SINAGA , PARLUHUTAN SIAGIAN , ERNA MUTIARA

2010
Jurnal nasional

Pola Berat Lahir Bayi di Rumah Sakit "X" Medan

ERNA MUTIARA

2017
Jurnal nasional

Analysis of factors affecting the self-care behaviors of Diabetes Mellitus type 2 patients in Binjai, North Sumatera-Indonesia

ERNA MUTIARA

2020
Jurnal internasional bereputasi

The influence of distance from health facility, family number at home and tb history in starting treatment of MDR-TB in medan

R KINTOKO ROCHADI , ERNA MUTIARA

2016
Prosiding seminar internasional

The Correlation Between Self Care Behavior and the Level of Hba1c of the Patients with Diabetes Mellitus Type 2 in Binjai City, Sumatera Utara Province

ERNA MUTIARA

2024
Jurnal nasional

PERAN FASILITAS PELAYANAN KESEHATAN SWASTA PADA PENJARINGAN

SUSPEK TUBERKULOSIS DAN PENGOBATAN TUBERKULOSIS PARU DI KOTA MEDAN

ERNA MUTIARA , SITI ZAHARA NASUTION

2012

Hasil penelitian/pemikiran yang tidak dipublikasikan

Hubungan Pengetahuan Dan Dukungan Suami Dengan Tingkat Pemanfaatan Posyandu Oleh Ibu Balita Di Wilayah Kerja Puskesmas Tanjung Rejo Kecamatan Per...

ERNA MUTIARA

2024

Jurnal internasional

An Occupational Health Perspective of Nurses' Quality of Life in Indonesia

Wirsal Hasan , ERNA MUTIARA , HERU SANTOSA , NUR AINI

2017

Jurnal internasional bereputasi

Red cell distribution width and mortality in pediatric sepsis

ERNA MUTIARA

2020

Jurnal nasional terakreditasi

Physical activity, obesity, family history, and their associations with hypertension among the elderly in Aceh Singkil, Aceh

FAZIDAH AGUSLINA SIREGAR , ERNA MUTIARA

2013

Jurnal nasional

Faktor-Faktor Yang Memengaruhi Pemakaian Metode Kontasepsi Jangka Panjang pada Isteri Paangan Usia Subur (PUS) di Kecamatan Doloksanggul Tahun 2012

ERNA MUTIARA

2019

Jurnal internasional bereputasi

The effect of puguntano leaf extract (Curanga Fel - Terrae Merr.) on P38 Mapk levels and glut-4 expression in type 2 diabetic rat muscle

ERNA MUTIARA

2019

Jurnal nasional

Knowledge and Perception of Cervical Cancer

ELKA HALIFAH , ERNA MUTIARA

2016

Jurnal internasional

THE INFLUENCE OF JOB STRESSOR TO PERFORMANCE OF NURSES IN PIRNGADI GENERAL HOSPITAL OF MEDAN – INDONESIA

ERNA MUTIARA

2022

Prosiding seminar internasional

ASSOCIATION BETWEEN VITAMIN D LEVELS WITH MDR-TB PATIENTS WITH HOUSEHOLD CONTACTS AND HEALTHY PEOPLE AS COMPARISON

BINTANG YINKE MAGDALENA SINAGA , PARLUHUTAN SIAGIAN , ERNA MUTIARA

2021

Jurnal nasional terakreditasi

Risk Factors of Hypertension in Reproductive Age Women in Kedai Durian Health Center, Medan, Indonesia

ERNA MUTIARA , FAZIDAH AGUSLINA SIREGAR

2017

Jurnal nasional terakreditasi

Akurasi Diagnostik Pemeriksaan Kadar Adenosine Deaminase Cairan Pleura

pada Efusi Pleura Tuberkulosis

ERNA MUTIARA , FAJRINUR SYARANI , DRPUSPA ROSFADILA , Widirahardjo

2021

Jurnal internasional

Confirmatory Factor Analysis of Work-Life Quality for Female Nurses in Medan City, Indonesia

HERU SANTOSA , WIRSAL HASAN , ERNA MUTIARA

2017

Jurnal internasional bereputasi

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

ERNA MUTIARA

2020

Jurnal internasional

The Relationship of Active Elderly Posyandu Visits and Family Support with the Quality of Life of the Elderly in the Work Area of Puskesmas in Ulak Tano, Paluta Regency, 2019

SRI RAHAYU SANUSI , ERNA MUTIARA

2020

Jurnal internasional

Determinants of Unmet Need for Family Planning among Married Women Age 15-49 in Sumatera Utara Province (Analysis of 2017 RPJMN Data)

ERNA MUTIARA

2021

Jurnal nasional

The Association Between Vitamin D Receptor Gene FokI Polymorphism and Pulmonary Tuberculosis

PARLUHUTAN SIAGIAN , BINTANG YINKE MAGDALENA SINAGA , ERNA MUTIARA

2023

Jurnal internasional

Imut integration program: increasing household dietary diversity to reduce stunting in mandailing natal regency

ERNA MUTIARA , ZULHAIDA LUBIS , ZURAIDAH NASUTION , MAHDIAH , EVI IRIANTI , IDA NURHAYATI , RATNA ZAHARA , TETTY HERTA DOLOK SARIBU , ETTI SUDARYATI

2019

Jurnal nasional terakreditasi

Knowledge and Perception of Cervical Cancer

ERNA MUTIARA

2018

Jurnal nasional terakreditasi

Faktor-faktor yang Memengaruhi Jumlah Anak di Desa Pusong Kecamatan Banda Sakti Kota Lhokseumawe Tahun 2014

ASFRIYATI , ERNA MUTIARA

2016

Prosiding seminar internasional

An Understanding Demographic Bonus and Its Implication among Teenagers in Deli Serdang District

JUANITA , ERNA MUTIARA , HERU SANTOSA

2018

Prosiding seminar internasional

Serum vitamin d level and susceptibility to multidrug-resistant tuberculosis among household contacts

PARLUHUTAN SIAGIAN , ERNA MUTIARA , BINTANG YINKE MAGDALENA SINAGA

2017

Jurnal nasional terakreditasi

Kepatuhan berobat pasien TB resistan obat (RO) di Kota Medan

ERNA MUTIARA

2018

Prosiding seminar internasional

Factors related to successful treatment of drugresistance tuberculosis in H. Adam Malik hospital, Medan, Indonesia

ERNA MUTIARA , BINTANG YINKE MAGDALENA SINAGA , PARLUHUTAN SIAGIAN

2016

Jurnal internasional

THE EFFECT OF EMPOWERMENT UPON THE FOOD INTAKE AND THE HEMOGLOBIN LEVEL OF PREGNANT WOMEN IN COASTAL AREAS

SIROJUZILAM , ERNA MUTIARA , ZULHAIDA LUBIS

2017

Jurnal internasional bereputasi

Effect of Flunarizine on Serum Glutamate Levels and its Correlation with Headache Intensity in Chronic Tension-Type Headache Patients. Open Access Maced J Med Sci. 2017 Oct 15

ERNA MUTIARA

2015

Jurnal internasional bereputasi

PELOD Score, Serum Procalcitonin, and Lactate Levels in Pediatric Sepsis

ERNA MUTIARA

2018

Jurnal internasional

Characteristics of multi-drug resistant tuberculosis (MDR-TB) patients in Medan city in 2015-2016

ERNA MUTIARA

2019

Jurnal internasional

RELATIONSHIP BETWEEN FAMILY SUPPORT AND QUALITY OF LIFE AMONG TYPE 2 DIABETES MELLITUS PATIENTS AT HOSPITAL Tk. IV 01.07.01 PEMATANGSIANTAR NORTH SUMATERA

ERNA MUTIARA

2017

Prosiding seminar internasional

The Relationship of Dietary Pattern with Health Status of Elderly in the Area of Teladan Health Center in Medan

LINDA T MAAS , ERNA MUTIARA

2010

Jurnal nasional

Aktifitas Fisik Ibu Hamil dan Berat Lahir Bayi : Suatu Meta Analisis

ERNA MUTIARA

2013

Jurnal nasional

Faktor-faktor yang Memengaruhi Lama Ketidaklangsungan Pemakaian Alat Kontrasepsi Dalam Rahim (AKDR) pada Ibu PUS di Wilayah Kerja Puskesmas Patumbak Tahun 2013

ERNA MUTIARA

2020

Prosiding seminar internasional

Analysis of Determinants of Musculoskeletal Disorders and Life Quality of Informal Workers

ERNA MUTIARA

2016

Jurnal internasional

THE EFFECT OF EMPOWERMENT UPON THE FOOD INTAKE AND THE HEMOGLOBIN LEVEL OF PREGNANT WOMEN IN COASTAL AREAS

ERNA MUTIARA

2019

Jurnal nasional

40. Knowledge and Perception of Cervical Cancer

ELKA HALIFAH , ERNA MUTIARA

2018

Prosiding seminar internasional

Quality of Life and Glycemic Profile of Type 2 Diabetes Mellitus Patients of Indonesian: A Descriptive Study

ERNA MUTIARA

2016

Jurnal nasional terakreditasi

Comparison of Soluble fms-Like Tyrosine Kinase-1 (SFLT-1) between Normal and Severe Pre-eclampsia in Pregnant Women, Medan, Indonesia

ERNA MUTIARA

2024

Jurnal internasional bereputasi

Role of digital education through smartphones in improving knowledge among asthma patients: A preliminary study

ERNA MUTIARA

2018

Buku lainnya

Survei Demografi dan Kesehatan Indonesia 2017 Provinsi Sumatera Utara

ERNA MUTIARA

2020

Prosiding seminar internasional

Association Between Vitamin D Levels With Mdr-Tb Patients With Household Contacts And Healthy People As Comparison

BINTANG YINKE MAGDALENA SIN , PARLUHUTAN SIAGIAN , ERNA MUTIARA

2019

Jurnal internasional bereputasi

Efforts in settling anemia to pregnant women through the empowerment of the use of ronggeng shrimp (*harpiosquilla raphidea*) as functional food

ERNA MUTIARA , SIROJUJILAM , ZULHAIDA LUBIS

2018

Jurnal nasional terakreditasi

PERILAKU SEKSUAL REMAJA DALAM PENCEGAHAN HIV/AIDS DI KAMPUNG BANTEN PASAR VIII KECAMATAN TANJUNG MORAWA KABUPATEN DELI SERDANG TAHUN 2016

ERNA MUTIARA

2016

Jurnal nasional terakreditasi

Red cell distribution width and mortality in pediatric sepsis

ERNA MUTIARA

Researches

2017

Penelitian Dosen Pemula

Analisis Dinamika Penduduk dan Perumusan Grand Design Pengendalian Pertumbuhan Penduduk Provinsi Sumatera Utara

ERNA MUTIARA

2021

Penelitian Kerjasama Antar Perguruan Tinggi

Indonesia - National Adolescent Mental Health Survey (I-NAMHS)

R KINTOKO ROCHADI , JUANITA , ERNA MUTIARA , ZULFENDRI

Community Services

2009

Penyuluhan Bahaya Merokok terhadap Gangguan Kesehatan pada Remaja di SMP Negeri 29 Medan

ERNA MUTIARA

2012

Pemberdayaan Wanita Lanjut Usia dalam Meningkatkan Kualitas di Masa Usia Lanjut di Wilayah Kerja Puskesmas Pantai Cermin Kabupaten Serdang Bedagai

ASFRIYATI , ERNA MUTIARA

2009

Pelatihan tentang Deteksi Dini Anemia pada Remaja di UKS SMA Negeri 1 Medan

YUSNIWARTI YUSAD , ERNA MUTIARA

2008

Promosi Inisiasi Menyusu Dini dan ASI Eksklusif pada Kader Kesehatan dan Ibu Rumah Tangga di Kelurahan Kota Matsum II Kecamatan Medan Area Kota Medan

ERNA MUTIARA , SITI KHADIJAH NASUTION

2007

Penyuluhan tentang Manfaat Penghematan Energi Listrik terhadap Lingkungan dan Kesehatan Masyarakat di Kelurahan Sitirejo II Kecamatan Medan Amplas Kota Medan

ERNA MUTIARA , INDRA CHAHAYA

2010

Penyuluhan Dampak Pemberian ASI Eksklusif Bagi Tumbuh Kembang Balita di Dusun XIII Sei Rotan, Kecamatan Percut Sei Tuan, Kabupaten Deli Serdang

ERNA MUTIARA , ABDUL JALIL AMRI ARMA
