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Dosen Program Studi Sp-1 Ilmu Penyakit Jantung dan Pembuluh Darah  
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*Dr. dr. Cut Aryfa Andra, M.Ked(Cardio), Sp.JP(K), FIHA merupakan pakar kardiologi terkemuka di Kota Medan yang berkiprah sebagai dosen di Fakultas Kedokteran USU dan baru saja meraih gelar Doktor (Dr.) pada Maret 2024 melalui sidang terbuka di universitas tersebut. Beliau menyelesaikan pendidikan Magister Kedokteran dan Spesialis Jantung dan Pembuluh Darah di USU, serta memiliki kompetensi sebagai Konsultan Kardiologi Intervensi yang berfokus pada tindakan invasif, termasuk pemasangan ring jantung, dan memegang sertifikasi FIHA sebagai pengakuan profesional dari Perhimpunan Dokter Spesialis Jantung dan Pembuluh Darah Indonesia. Dalam praktik klinis, dr. Cut Aryfa aktif melayani pasien di RSUP H. Adam Malik Medan dan terlibat dalam pengembangan serta operasional layanan \*cardiac catheterization laboratory\* (Cath Lab) di Rumah Sakit Universitas Sumatera Utara. Di bidang akademik, beliau menjabat sebagai Ketua Program Studi Jantung dan Pembuluh Darah FK USU, berperan penting dalam pengembangan kurikulum dan pendidikan calon spesialis kardiologi. Berbagai prestasi telah diraih, antara lain pencapaian gelar doktor, kontribusi dalam penguatan layanan kardiologi intervensi di rumah sakit pendidikan, keterlibatan dalam penelitian dan publikasi ilmiah di bidang kardiovaskular, serta peran aktif dalam organisasi profesi dan kegiatan ilmiah yang mendukung peningkatan mutu pelayanan jantung dan pembuluh darah di Indonesia.*

## Publications

2022

Jurnal internasional

### **TCTAP C-046 Recurrent NSTEMI in Post CABG Patient: What's Next?**

CUT ARYFA ANDRA

2026

Jurnal nasional terakreditasi

### **The Relationship Between Serum Apolipoprotein B Levels and Severity of Coronary Lesions Using The Syntax Score in Non-St Segment Elevation Acute Myocardial Infarction Patients**

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2024

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### **Relationship of left ventricular diastolic dysfunction with quality of life in heart failure patients with reduced ejection fraction (HFrEF)**

CUT ARYFA ANDRA

2018

Jurnal internasional bereputasi

### **Traditional risk factors as determinants of heart rate recovery in patients with diabetes mellitus type 2 without known coronary artery disease**

CUT ARYFA ANDRA

2026

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### **Role of CHA2DS2-VASc-HS Score as Predictor for Failed Reperfusion After Fibrinolytic in St-Elevation Myocardial Infarction**

CUT ARYFA ANDRA

2026

Jurnal nasional terakreditasi

# Cardiometabolic Risk Assessment through Comprehensive Screening for Early Detection

CUT ARYFA ANDRA

2017

Jurnal internasional bereputasi

## Relationship between Smoking and Hypertension in Patients with Stroke

CUT ARYFA ANDRA

2026

Jurnal internasional

## HIGH ADMISSION PLASMA OSMOLALITY VALUE AS IN-HOSPITAL MAJOR ADVERSE CARDIOVASCULAR EVENTS PREDICTOR IN PATIENT WITH ACUTE MYOCARDIAL INFARCTION

CUT ARYFA ANDRA

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Jurnal nasional terakreditasi

## Comparison of Bleeding and Major Cardiovascular Event Between Enoxaparin and Fondaparinux in Non ST-Elevation Myocardial Infarction with Diabetes Mellitus

CUT ARYFA ANDRA

2018

Jurnal internasional bereputasi

## ST-Segment Depression as a Predictor of three vessel disease in Non-ST-Segment elevation Acute Coronary Syndromes with Diabetes Mellitus Patients

CUT ARYFA ANDRA

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## Functional Capacity Changes After Cardiac Rehabilitation Program as A Quality of Life Predictor in Left Ventricular Dysfunction Patients Who Underwent Coronary Artery Bypass Grafting

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## The Relationship between D-Dimer Levels and Coronary Lesion Severity in Patients with Acute Myocardial Infarction with ST-Segment Elevation at Haji Adam Malik Hospital Medan

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## Community Empowerment in Household Clean and Healthy Behavior (PHBS), especially for Prevention and Early Action on Infectious Diseases and Cerebrocardiovascular Diseases in

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## CHA2DS2-VAS-HSF Score as a Predictor for Contrast-Induced Nephropathy in Acute Coronary Syndrome Patients Undergoing Percutaneous Coronary Intervention

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## Peguerol's Presti Criteria from Electrocardiography to Diagnose Left Ventricular Hypertrophy in Patients with Hypertension in Adam Malik Hospital

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**The Relationship between Heart Rate Recovery and Rate Pressure Product on Coronary Lesion Severity Using Syntax Score in Stable Angina Pectoris Patients at Haji Adam Malik &#8230;**

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**Relationship Between Neutrophil-Lymphocyte Ratio Value And Severity of Mitral Stenosis Due to Rheumatic Heart Disease in Outpatients at H. Adam Malik General Hospital Medan**

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**Prognostic Value of Tricuspid Annular Plane Systolic Excursion (TAPSE), Right Ventricular Fractional Area Changes (RV FAC) and Pulses Tissue Doppler S&#39;Wave (PTD S&#39;) at 30 Days &#8230;**

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2018

**Rasio Leukosit Mean Platelet Volume Sebagai Prediktor Kejadian Kardiovaskular Mayor pada Pasien Infark Miokard Akut Non Elevasi ST (Imanest) di Rumah Sakit Haji Adam Malik Medan**

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**Precordial ST Segment Depression on Admission Electrocardiogram as a Simple Noninvasive Tool for Predicting Coronary Artery Disease Complexity in Patients with Inferior&#8230;**

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**TCTAP C-046 Recurrent NSTEMI in Post CABG Patient: What&#39;s Next?**

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2026

**CHA2DS2-VAS-HSF Score as a Predictor for Contrast-Induced Nephropathy in Acute Coronary Syndrome Patients Undergoing Percutaneous Coronary Intervention.**

CUT ARYFA ANDRA

2019

**Left ventricular ejection fraction and gender correlate to the 6 Minute Walking Test after Phase II Cardiac Rehabilitation Programme in Post CABG Surgery Patients.**

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2018

**Predictive Value of CHA2DS2-VASc-HSF Score for Contrast Induced Nephropathy After Percutaneous Coronary Intervention for Acute Myocardial Infarction**

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**Timi Flow Between Streptokinase and Alteplase in Successful Fibrinolytic**

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Jurnal nasional terakreditasi

## **Association of the Monocyte to HDL Cholesterol Ratio With Coronary Artery Disease Severity in Patients With Acute Coronary Syndrome**

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## **Electrocardiogram Structural Changes between Chronic Obstructive Pulmonary Disease Severities in Adam Malik General Hospital Medan**

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## **Comparison of Left-Heart Structure in Patients with Valvular and Nonvalvular Atrial Fibrillation at Haji Adam Malik Hospital Medan**

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## **CARDIOVASCULAR DISEASE PROFILE IN NORTH SUMATERA, INDONESIA: CHARACTERISTICS AND CHALLENGES**

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## **Right Ventricular Outflow Tract Fractional Shortening (RVOT FS) As Echocardiography Parameter for Assessment Right Ventricular Function in Systolic Heart Failure**

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## **Mitral Annular Plane Systolic Excursion (MAPSE) as a Predictor of Major Adverse Cardiac Events in Patients with ST Elevation Myocardial Infarction**

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## **Early Detection of Subclinical Rheumatic Heart Disease Through Echocardiographic Screening: A Study in North Sumatra, Indonesia**

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## **The Relationship between Pre Discharge Left Ventricle Diastolic Dysfunction and 30 days And 6 Months Rehospitalization in Patients with Heart Failure with Reduced Ejection**

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## **Association of Triglyceride/High Density Lipoprotein Cholesterol Ratio and Coronary Lesion Severity in Acute Myocardial Infarction Patients at Adam Malik Hospital, Medan**

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## **Associations of Interleukin-6 Levels and Lipid Profiles in Women with Coronary Artery Disease: A Comparative Study across Menopausal and**

## **Reproductive Stages at RSUP. H. Adam Malik**

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### **Neutrophil-To-Lymphocyte Ratio Predicts Coronary Collateral Circulation in Multivessel Coronary Artery Disease**

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### **Relationship Between Degree of Disease and Pathological Findings of Echocardiography in Patient with Chronic Obstructive Pulmonary Disease**

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### **Mean platelet volume addition in grace score as predictor of major cardiovascular events during treatment among acute coronary syndrome patients**

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### **INTERNATIONAL JOURNAL OF RESEARCH SCIENCE & MANAGEMENT**

CUT ARYFA ANDRA

2011

Jurnal nasional

### **Peningkatan Kadar Kreatinin Serum dalam 24 Jam Pertama Paska Intervensi Koroner di RSUP. H. Adam Malik Medan**

CUT ARYFA ANDRA

2018

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### **Contrast induced nephropathy in hypertensive patients after elective percutaneous coronary intervention**

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### **Risk Factors of Acute Coronary Syndrome in Adam Malik General Hospital**

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### **QT Dispersion as a Predictor of Coronary Lesion Severity in ST-Elevation Myocardial Infarction**

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Buku referensi

### **Menopause dan Problem Cardiovascular**

CUT ARYFA ANDRA

2019

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### **Precordial ST Segment Depression on Admission Electrocardiogram as a Simple Noninvasive Tool for Predicting Coronary Artery Disease Complexity in Patients with Inferior ST-Elevation Myocardial Infarction**

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2017

Jurnal internasional bereputasi

### **TCTAP C-163 Case Report Simply Describes Lesion Is Not Simple Procedure LAD Vessel Perforating Complication During Wiring in Primary Angioplasty**

2026

Jurnal nasional terakreditasi

**Hubungan Konsentrasi Hemoglobin Darah Dengan Kejadian Infark Miokard Akut Di Rumah Sakit Universitas Sumatera Utara Periode 2018-2019. JIMKI: Jurnal Ilmiah Mahasiswa Kedokteran & #8230;**

CUT ARYFA ANDRA

2026

Jurnal nasional terakreditasi

**Significance of Electrocardiographic QTc Interval on Assessment of Left Ventricular Diastolic Dysfunction in Hypertensive Patient: A Simple Screening Tool**

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2026

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**The Relationship between Transient Ischemic Dilation (TID) and Severity of Coronary Artery Disease (CAD) in Patients with Chronic Coronary Syndrome (CCS) in Haji Adam Malik & #8230;**

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2026

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**Relationship of Phase II Cardiac Rehabilitation Program with Red Blood Cell Distribution Width Level in Post Coronary Artery Bypass Grafting Patients**

CUT ARYFA ANDRA

2026

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**The Role of Plasma D-dimer Level Measurement to Assist Breast Cancer Histopathological Grading**

CUT ARYFA ANDRA

2026

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**Correlation of Proportional Pulse Pressure and Cardiac Index in Patients with Acute Heart Failure in Emergency Department of Adam Malik Hospital**

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## Researches

2023

Penelitian Disertasi Doktor

**Propotein convertase subtilisin/kexin type 9 (PCSK9) as a marker of coronary lesion severity in stable coronary artery disease patients**

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## Community Services

2023

Ipteks Bagi Masyarakat

**Tim Pelayanan Jantung dan Stroke**

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