Isra Sabrina

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Jakarta, Indonesia

EDUCATION

TRISAKTI UNIVERSITY **Feb 2019-Oct 2021**
Jakarta, Indonesia
M.D. graduated *cum laude* GPA 3.78/4.00
Top 5 graduated students

TRISAKTI UNIVERSITY **Aug 2015-Feb 2019**
Jakarta, Indonesia
B.Med graduated *cum laude* GPA 3.75/4.00
Dean's List of most outstanding student

RELEVANT WORK EXPERIENCE

P.T ASA REN GLOBAL NUSANTARA **Aug 2023-present**
Clinical Research Manager

Project: Second Phase of Biomedical and Genome Science Initiative (BGSi) National Genome Project - Indonesia General Population Genome Project, Indonesian Ministry of Health (MoH)

- Collaborated on implementing Observational Medical Outcomes Partnership (OMOP) and Fast Healthcare Interoperability Resources (FHIR) by Health Level Seven International (HL-7) standards for data architecture, ensuring HIPAA compliance.
- Providing expert clinical guidance for optimizing data collection methodologies for Indonesia's general population.

Project: Asa Ren Clinico-genomic Database (CGDB)

- Contributing to the development of data architecture and standardization using OMOP and FHIR HLA-7 to comply with HIPAA regulation for the clinical registry.

Project: Exploring Genetic Polymorphisms in PCOS: Implication for PCOS, Ovarian Response to Gonadotropin and Metabolic Syndrome Occurrence

- Leading the team to conduct preliminary analysis using 342 (case-control) datasets.
- Collaborated with cross-functional teams to establish research protocol and ethics submission.
- Led the development of research budgets and optimizing resource allocation and cost efficiency.
- Coordinating efforts among investigators, sponsors, and regulatory agencies to ensure on-time delivery and effective execution of key research milestones.
- Managed and monitored multi-site clinical studies within 3 centers (Jakarta, Surabaya, and Yogyakarta) and facilitated staff training sessions across locations.
- Established effective monitoring systems to track progress and conduct quality control audits, ensuring early detection of issues in ongoing clinical research.

Project: Elucidating the Correlation between Dietary Patterns, Anthropometric Measurements, Genetic Profiles, and Biomarker Levels Related to Insulin Level and Insulin Resistance

- Drafted research summary proposal aiming to predict insulin levels and other biometrics through meal moments for determining health risks related to mortality and morbidity.

Project: One Asa- Shaping A Healthier Future Through Research

- Engineered comprehensive research workflows and pipelines, enhancing operational efficiency and data management.
- Negotiated and finalized Memoranda of Understanding (MoUs) and working agreements with key project partners, including academic institutions and industry vendors.
- Developed and implemented Standard Operating Procedures (SOPs) for all research-related activities within the One Asa framework, ensuring consistency and quality across projects.
- Secured one collaborative cohort study, currently in the preliminary analysis phase, marking a significant milestone in our research agenda.
- Established research collaborations with one university and two sponsors for upcoming projects, laying the groundwork for future scientific endeavors.

TRISAKTI UNIVERSITY **Mar 2022- Oct 2023**
Research Assistant

Advisor: dr. Nany Hairunnisa, MHSc
Project: The Stigma of COVID-19 and its Influence on the Management of COVID-19

- Conducted literature reviews to support hypothesis development and identify knowledge gaps.
- Enhanced participant recruitment strategies for a more diverse and representative study sample
- Improved data collection towards questionnaire language training sessions to the responders to avoid traditional language barriers within the responders.
- Contributed to manuscript writing and publication.

TRISAKTI UNIVERSITY **Mar 2018-Mar 2019**
Student Researcher

Advisor: dr. Ika Krisnawati, Sp.JP, FIHA
Project: Comparison of Framingham Risk Score (FRS) and QRISK2 Result for Adult in Productive Age to WHO Chart

- Designed cross-sectional diagnostic test research using primary data of 173 respondents.
- Managed a team of 4 undergraduates to collect primary samples.
- Analyzed the results using the SPSS program.

PUBLICATIONS

Amalia, H., Hairunisa, N., Zaina,N., Mashabi, Y., Musfirah, L., **Sabrina, I.** and Yousif, E. (2024). STIGMA and knowledge of COVID 19 vaccines affect the COVID 19 vaccination in Indonesia. Iraq Medical Journal, [online] 8(1). doi:https://doi.org/10.22317/imj.v8i1.1269.

Hairunisa, N., Amalia, H., **Sabrina, I.** and Yousif, E. (2024). The Stigma of COVID-19 and Its Influence on the Management of COVID-19. [online] ResearchGate. Available at:

https://www.researchgate.net/publication/378107295_The_Stigma_of_COVID-19_and_Its_Influence_on_the_Management_of_COVID-19 [Accessed 30 Sep. 2024].

Hairunisa, N., **Sabrina, I.,** Amalia, H., Mashabi, Y., Zaina, N.A. and Yousif, E. (2023). Study on Factors Related to HIV Among Women in West Kalimantan, Indonesia. Jurnal Biomedika dan Kesehatan, [online] 6(1), pp.89–107. Available at: https://jbiomedkes.org/index.php/jbk/article/view/335.

Sabrina, I. and Hairunisa, N. (2021). Long Covid: A Review on Cardiovascular Disease (CVD) in Post-Acute Sequalae of SARS-CoV-2 Infection (PASC). Biointerface Research in Applied Chemistry, 12(3), pp.3989–3995. doi:https://doi.org/10.33263/briac123.39893995.

Sabrina, I. and Krisnawati, I. (2021). Perbandingan Hasil Framingham Risk Score (FRS) dan QRISK2 Pada Dewasa Usia Produktif terhadap WHO Chart. JIMKI: Jurnal Ilmiah Mahasiswa Kedokteran Indonesia, 8(3), pp.41–46. doi:https://doi.org/10.53366/jimki.v8i3.135.

Samara, T. D., Fitriyani, M,. Safitri, P., Shahnaz, P.**, Sabrina, I.** and Maisarah, S. (2020). Mesothelioma akibat inhalasi debu asbes. Jurnal Biomedika dan Kesehatan, 3(4), pp.193–201. doi:https://doi.org/10.18051/jbiomedkes.2020.v3.193-201.

PRESENTATIONS

The Dramatic ECG Evolution in Suspected MI Type 2: A Case Report. Presented at 32nd *ASMIHA Indonesian Heart Association*. Jakarta, Indonesia. — May 2023

Comparison of Framingham Risk Score and QRISK2 to the WHO Chart SEAR-B in Adults. Original Research presented at *InHeNce International Conference.* Jakarta, Indonesia — July 2021

Challenging Case of Cardiac Arrest Survivor in Inferior STEMI without Revascularization: A Case Report. Presented at InaACC *Indonesian Intensive and Acute Cardiovascular Care Annual Meeting*. Malang, Indonesia. — February 2020

Passive Leg Raise as a means to Predict Fluid Responsiveness: a Systematic Review. Presented at *Bandung Cardiology Update*. Bandung, Indonesia. — July 2019

HONORS, AWARDS, AND GRANTS

Public Service Innovation — **2022**
Walikota Tidore Kepulauan, Maluku Utara
Award for top 10 best public service innovation amongst multidiscipline institutions.

Faculty Best Graduate — **2021**
Trisakti University, Faculty of Medicine
Award for top 5 best medical doctor graduation

Dean's Outstanding Student — **2017**
Trisakti University, Faculty of Medicine
Award for undergraduate student with exceptional academic achievement

RELEVANT VOLUNTEER EXPERIENCE

Bulog Peduli Gizi **2021-present**
Participating in an annual government-sponsored Corporate Social Responsibility (CSR) initiative as a medical professional, conducting health evaluations for children affected by stunting and delivering nutritional education to caregivers in regions with high rates of childhood growth impairment.

CdLS - genetic rare disease project **2023**
Facilitated screening and clinical assessment for Cornelia de Lange Syndrome patients, parallelly gave their caregivers mental support in genetic rare disease projects.

Mini Project Internship Doctor **2021**
Increased the effectiveness of Integrated Management of Childhood Illness (IMCI) and Integrated Health Post (Posyandu) in Soasio Community Health Center, Tidore by implementing a comprehensive nutrition calculator, developed using excel worksheet due to rural area challenges.