

Characteristics of Hemorrhoids Patients Receiving *Jamu* based on *Jamu* Registry

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Abstract

Jamu Registry is a system for recording the use of *jamu* and the services of doctors with *jamu* at the *Jamu* Scientification clinic, hospitals and primary health centers that already have traditional health services (*yankestrad*), as well as to individual health general practitioners. This study aims to describe the characteristics of patients with hemorrhoids complaints who received *jamu* by doctors. The *Jamu* Registry study design was a cross-sectional. A total of 158 patients with complaints of hemorrhoids were collected in ten provinces in 2014-2018. Data was extracted from the *Jamu* Registry recording system and analyzed descriptively. The results showed that the majority were women (58.9%); aged 25-44 years (42.4%) and 45-64 years (43.0%); high school education (43.7%); private employees (22, 8%); went to the clinic (38.6%); and domiciled in Central Java (74.7%). Common symptoms suffered include no appetite, weakness/fatigue, difficulty sleeping, bleeding during bowel movement, and anal swelling or lumps.

Keywords

Jamu, *Jamu* Registry, Hemorrhoids, Traditional Medicine, and *Jamu* Scientification.

Biographies

Aris Yulianto is a researcher from National Research and Innovation Agency. Before, he was exposed to health research at the National Institute of Health Research and Development, Ministry of Health, Republic of Indonesia. He studied Chemistry at the Faculty of Mathematics and Natural Sciences, Brawijaya University. He is now a student at the Master of Primary Health Care Management, ASEAN Institute for Health Development, Mahidol University. His

passion concerns public health, traditional health service, disease registry, elderly people, and health information system (HIS).

Lucie Widowati is a principal expert researcher at BRIN in the field of medicinal plants and traditional medicine. She acts as Vice Chairman of the National Commission for the Scientification of Herbal Medicine 2016-2023, as a member of the National Working Group on Indonesian Medicinal Plants since 1985, and as a member of the National Committee for the Preparation of Phytopharmaceutical Formularies from 2022 to 2023. Research experience in pharmacology and research on traditional medicine services in healthcare facilities. She writes articles about medicinal plants and traditional medicines as well as the use of traditional medicines in healthcare facilities. Write articles about medicinal plants and traditional medicines as well as the use of traditional medicines in health care facilities. Compiled a book on Kratom: Health and Socioeconomic Prospects; Book Chapter of Clinical Trials; *Centella asiatica*, a Multi-Benefit Nutritious Plant; Celery, an Aromatic Plant against Hypertension; Body of Knowledge of Indonesia's Traditional Health.

Delima is a senior researcher at Research Centre for Preclinical and Clinical Medicine, Research Organization for Health, National Research and Innovation Agency (BRIN), Republic of Indonesia. She was previously a researcher at National Institute of Health Research and Development (NIHRD), Ministry of Health, Indonesia since 1996-2021. She is a medical doctor and obtained her postgraduate degree in clinical epidemiology from Gadjah Mada University, Yogyakarta. She has conducted and involved in research on non-communicable diseases, traditional medicine, and several national health surveys. She is a member of the Indonesian Medical Association and Indonesian Researcher Union. She also serves as secretary of the Ethics Committee for Health Research in BRIN.

Nurhayati has joined as a researcher at the health research agency, Indonesian Ministry of Health, since 2001. In March 2022. She joined into the National Research and Innovation Agency (BRIN). She has been involved in health studies on communicable diseases, non-communicable diseases, and the effectiveness of COVID-19 vaccines.

Sundari Wirasmi is a researcher for Research Center for Preclinical and Clinical Medicine, National Research and Innovation Agency Republic of Indonesia. Her educational background is Chemistry, which she obtained from Bandung Institute of Technology. She is a candidate of Master of Public Health, Indonesia University. Her research interests mainly concern with public health, traditional health service, and health service management.

Novia Susianti is currently employed at the National Research and Innovation Agency as a researcher. From 2016-2020 she worked at the Jambi Province Research and Development Agency, and in 2021 at the National Institute of Health Research and Development, Indonesian Ministry of Health as researcher. She received a Master of Biomedical in Andalas University in 2007. Her research interests mainly concern with public health, health services and management.