# The Role of Community Health Workers in Promoting the Use of Medicinal Plants for Disease Management



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### The Role of Community Health Workers in Promoting the Use of Medicinal Plants for Disease Management

#### Kibibi Wairimu H.

School of Natural and Applied Sciences Kampala International University Uganda

#### **ABSTRACT**

Community Health Workers (CHWs) serve as a crucial link between traditional medicine and modern healthcare, especially in resource-limited settings. This paper explores the role of CHWs in promoting the use of medicinal plants for disease management, highlighting their responsibilities, benefits, and challenges in integrating traditional healing practices with formal medical systems. Through case studies from diverse regions, we examine successful CHW-led initiatives that have enhanced access to medicinal plant-based treatments. Ethical considerations, best practices, training methodologies, and partnership strategies are also discussed. The findings underscore the potential of CHWs to bridge knowledge gaps, improve community health literacy, and support sustainable healthcare solutions by incorporating traditional medicinal plant use into primary healthcare.

**Keywords:** Community Health Workers, Traditional Medicine, Medicinal Plants, Disease Management, Healthcare Access, Ethnobotany, Health Promotion.

#### INTRODUCTION

Community health workers (CHWs) bridge cultural gaps between patients and health services, enhancing health education. Hired by health care professionals, CHWs are local residents who mediate between communities and formal health systems. Their familiarity with local culture helps them overcome language barriers and relay health information, both traditional and public health education. This role is increasingly important as interest in alternative remedies grows, prompting research on diverse health practices worldwide. Concerns include the harms of combining treatments and health-seeking behaviors highlighted by agencies like WHO. Ethnobiologists and medical anthropologists have noted the value of local ecological knowledge, leading to a recognition of traditional medicine's role in health practice. This has resulted in a shift toward acknowledging local beliefs in health education. Well-trained CHWs thus offer a cost-effective means for the biomedical system to gather and disseminate health information to marginalized populations [1, 2].

#### Background of Medicinal Plant Use in Disease Management

For centuries, medicinal plants have been essential to primary health care for millions globally. Their traditional use in disease management is documented across cultures, often passed down orally by the elderly. However, this knowledge is fading as modern medicine takes precedence. Interest in these plants is increasing, particularly in Africa, where investment in traditional medicine research is thriving. Such research focuses on collecting, identifying, and validating traditional medical claims. The World Health Organization defines traditional medicine as the accumulated knowledge, skills, and practices originating from diverse cultures aimed at maintaining health and treating illnesses. Findings suggest that strategies for disease prevention and health promotion can be more cost-effective through medicinal plants. This paper reviews traditional uses and knowledge of these plants, emphasizing trends in integrating herbal medicine into disease treatment. It explores the history and renewed interest in traditional medicine, alongside the cultural factors affecting its acceptance in health services. Ultimately, the study aims to

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validate traditional practices and contribute to ongoing research into the pharmacological and clinical properties of these plants [3, 4].

#### Community Health Workers: Roles and Responsibilities

Community health workers (CHWs) are vital in health systems, connecting communities to formal health services. They facilitate access through education and promote community involvement. The successful integration of medical practices relies on local trust, which CHWs foster by encouraging the use of medicinal plants and sharing knowledge about them. CHW programs can be flexible, adapting to local needs. In resource-poor areas, these "lay health workers" form the backbone of healthcare delivery. By engaging with communities, CHWs enhance health interventions and serve as vital links to traditional medical providers. Their close interactions help build trust, which is essential for community engagement in health initiatives. Trust develops from traits like reliability and expertise. While CHWs play a crucial role, they mainly support healthcare services, with nurses providing the primary care. Collaborative efforts between CHWs and nurses could strengthen healthcare delivery. As health professions evolve, further research is essential to improve collaboration between nurses and emerging health partners [5, 6].

## Benefits and Challenges of Integrating Community Health Workers in Promoting Medicinal Plant Use

Interest in traditional healing has seen a recent resurgence as people are becoming more wary of the perceived ubiquity of modern pharmaceutical treatments. Throughout much of the world, especially in developing countries, there is a rich history of traditional plant-based healing. As such, this provided a solid foundation for the subsequent emergence of widely recognized medicinal plants, with species being widely used across various regions and cultures. As their effectiveness became evident, certain plants became widely subsidized by global health organizations. This collective body of knowledge about medicinal plants is now being actively promoted in many communities by the implementation of community or village health workers. This has the potential not only to make these natural medicines more widely used but also to make the best of the local knowledge base more widespread in its application. Often the stewards of regional medicinal plants are the traditional healers. In many communities, especially those with limited access to allopathic medicine, traditional healers are the main source of health care and this has an intrinsic value to the preservation of biodiversity for ethnopharmacologists. However, outside of these locales, the ability of modern medicine to effectively treat disease, and the relative lack of penetration of community health worker programs have started to eclipse the role of traditional healers, and likewise, medicinal plants. There are numerous benefits and challenges to integrating community health workers in the promotion of medicinal plants and traditional healing. With careful management many of the challenges can be remedied, contributing in part to the recent boom in research on the topic. This aims to elucidate some of these benefits and challenges and offer ways of remedying them [7, 8].

#### **Case Studies of Successful Integration Programs**

This paper examines community health workers (CWHs) and the effective integration of medicinal plant use for disease management. Relevant case studies were processed, leading to an article intended for an indexed journal. A structured approach can enable CWHs to oversee plant use in suitable contexts, fostering an intercultural perspective for their proper application, thus enhancing effectiveness and scalability. The use of medicinal plants has been a global practice, particularly prevalent in Africa and some Asian nations, confirmed by extensive surveys. Currently, a significant portion of the global population demands this practice, leading countries like the USA, Australia, Japan, and Western European nations to recognize and promote medicinal plants. Brazil launched a Marketing Authorization in 2014 for specific demographics—children aged 0-12, teenagers, pregnant and nursing women, elderly individuals, those with special needs, and terminally ill patients—permitting them access to these products. This CWH-focused approach is timely, with similar movements in Latin America indicating a need for public awareness of these practices. Four illustrative cases will be discussed: one each from Africa, Asia, Latin America, and Latin Asia. Local and national biases may hinder assessment and treatment outcomes. In Cameroon, community healers addressed common ailments, yielding positive results with 100 successful treatments for conditions such as abdominal pain, bleeding, convulsions, diarrhea, malaria, skin diseases, and measles [9, 10].

#### **Ethical Considerations and Best Practices**

Health promotion often involves community health workers (CHWs) educating members about the benefits of medicinal plants for managing and preventing ailments. A key ethical principle is respect for autonomy, allowing people to make informed health decisions. Programs should equip individuals with comprehensive information on the benefits and risks of medicinal plants, enabling informed participation and personal use. Following the principle of beneficence, CHWs must ensure that their programs are well-designed, competently implemented, and evidence-based. They should focus on harm minimization and monitor for adverse effects during the programs. CHWS must communicate clearly and engagingly to help community members make informed choices. The principle of justice emphasizes equal access to information and health education on medicinal plants for all community members. CHWs need cultural awareness, as ethical considerations can differ across cultures. They must be proficient in local languages and practices and engage in dialogue with communities about traditions and health practices. There are risks of exploitation or misappropriation of traditional knowledge, especially when working with communities with limited external contact. CHWs play a vital role in ensuring ethical standards in all program activities [11, 12].

#### Training and Capacity Building for Community Health Workers

Community health workers (CHWs) have been used globally as key primary healthcare providers in rural, poor, and inaccessible areas where the doctor-population ratio is extremely low. CHWs have been trained to treat basic illnesses, provide psychosocial support, and educate women on pregnancy care, infant feeding, and their healthcare rights [13, 14, 15, 16]. Medicinal plants still are major therapeutic sources in Tanzanian primary health care treatments. However, formal health training does not include information on medicinal plants. Yet, patients' use of medicinal plants is not often discussed between doctors and patients. This lack of discourse hinders the doctor's ability to give appropriate treatment. Therefore, it is hoped that CHWs, who are known by the community and are trained to understand medicinal plants' uses, could encourage patients to inform the doctor, or inform the doctor themselves, and promote wider knowledge of medicinal plant treatments [17, 18, 19, 20]. There are key skills and knowledge that CHWs need to effectively inform community people on how to use medicinal plants. These include the health benefits of local medicinal plants, how to prepare and keep them for longer use as medicine, and also to explain the dangers if they are used irresponsibly. Therefore, ongoing, mentorbased, support of CHWs is paramount [21, 22, 23, 24, 25]. When CHWs observe diseases commonly experienced by community people, they should become skilled in prescribing the appropriate treatment from a combination of medicinal plants or Western medicine, or know whom to refer the patient to for follow-up. There are several training methods to teach the CHWs about medicinal plants and to help them understand simple treatment skills. One involves hands-on workshops, such as observing how to plant, grow, and use medicinal plants through making ointment and soaps and attached to Western clinics [26, 27, 28, 29]. Additionally, CHWs could learn through discussions and peer learning. Quizzes and games can also be used to test what they have learned and to improve communication with the community people. Field visits to observe local medicinal plant use can also be undertaken, as can the provision of a comprehensive manual or informative video prepared by a hospital. Program sustainability, alongside resources, personal health of the trainers and the CHWs, long journey travel, and available time for training, remain critical factors. Nonetheless, resourced training for CHWs to treat basic illnesses, prescribe appropriate local medicinal plants, and refer patients promptly to formal health workers is necessary to improve primary healthcare services and health outcomes in rural and impoverished settlements [30, 31, 32, 33, 34, 35].

#### Collaboration and Partnerships in Implementing Medicinal Plant Programs

Community health workers (CHWs) play a vital role in enhancing healthcare services through collaboration with individuals and communities. Historically, Western healthcare organizations operated independently, but it is now recognized that interdisciplinary partnerships enhance project effectiveness [36, 37, 38]. Collaborations improve the impact of projects, streamline development, and foster sustainability via better resource allocation while encouraging non-health sectors like local government to participate. Partnerships in community initiatives create trust and a collective vision with shared goals. For instance, in Bali, the Education Center for Community and the Environment established a nursery based on local wisdom, a community worship site promoting nature conservation [30, 31, 32, 33, 34]. This spatial pattern influenced other environmental groups to use symbolic plants in their projects. Similarly, the Sumba Study Center has long collaborated with CHW for a medicinal plantation program

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with local residents, supported by community health centers. This initiative has empowered communities to learn about self-care through herbal medicine [35, 36, 37, 38].

#### Evaluating The Impact of Community Health Workers in Promoting Medicinal Plant Use

It is important to evaluate the impact of community health workers on the promotion of medicinal plant use in the context of disease management. On one hand, rigorous evaluations can increase program effectiveness by providing critical feedback that can then be acted upon to improve processes and systems. Additionally, assessments can bolster transparency by increasing the accountability of programs and organizations, particularly to the public or funders [20, 21, 22, 23, 24]. As the effectiveness of community health programming often lies in behavior changes, the monitoring and evaluation frameworks should encompass a wide array of differentiated and actionable indicators. Where possible, this longitudinal study deconstructs indicators to demonstrate how change in one area influences overall programming, as well as how individual programming elements affect observed outcomes over time. With supplementing individual indicators, participatory evaluation methods allow the individuals who are most directly impacted by the program to directly engage with the evaluation process, thereby providing a more comprehensive and grassroots understanding of program effects [25, 26, 27, 29, 30]. Finally, achieving a representative and statistically significant sample size is essentially impossible for a single community health organization engaging in programs across numerous village sites. However, this allows for the broader exploration of challenges, best practices, and possible solutions to evaluation in community health that could be overlooked when working with larger data sets. Key challenges include collection of good data where measurement instruments may not exist or be suitable, causality and attribution measures in complex network structures, and management of data in acutely resource-poor environments. It is suggested that the transparent inclusion of metric benchmarks in CHW workplans could make it possible to universally evaluate CHW efforts across programs and partnerships \( \grace{7}20, 21, 22, 23, 24, 25, \)

#### **Future Directions and Recommendations**

The literature reveals that medicinal plants are discussed as alternative resources for managing diseases. Many plants contain bioactive compounds that can help treat various conditions, yet few studies focus on their use for common diseases. Understanding how to prepare these plants into meals or drinks can aid disease management. Rapid lifestyle changes, particularly in Indonesian diets, with increased calorie intake and less fiber, have led to a rise in diseases like hypertension and diabetes. It is essential to promote community health initiatives to enhance awareness of homemade functional foods and herbal drinks for disease alleviation. Community health workers (CHWs) play a critical role, in training mothers about medicinal plant processing in postnatal care settings, despite clinics being far away. CHWs often engage with pregnant women to share knowledge about homemade drinks from medicinal plants and their health benefits, which serves as a foundation for health promotion efforts. This aligns with research on CHW knowledge and their collaboration with herbal medicine practitioners, suggesting plant-based drink mixtures for managing mild illnesses. The trend of CHWs promoting herbal drinks, such as Jamu, indicates a positive growth in health promotion activities related to processing medicinal plants [19, 20].

#### CONCLUSION

The integration of medicinal plant use into healthcare through Community Health Workers presents a viable strategy for enhancing disease management, particularly in underserved communities. CHWs play an essential role in bridging traditional healing practices with modern medical frameworks, facilitating knowledge transfer, and improving healthcare accessibility. While challenges such as regulatory concerns, training gaps, and ethical considerations remain, structured programs and interdisciplinary collaborations can address these barriers. Future efforts should focus on capacity building, standardized guidelines, and evidence-based validation of traditional remedies to ensure safe and effective implementation. By leveraging local knowledge and fostering partnerships, CHWs can contribute significantly to a holistic and inclusive healthcare system that respects both traditional and biomedical approaches.

#### REFERENCES

- 1. Leipert BD. The value of community health nursing: A phenomenological study of the perceptions of community health nurses. Public Health Nursing. 1996 Feb;13(1):50-7.
- 2. Forbes A, While A, Dyson E. An exploratory study of the learning needs of community staff nurses. Primary Health Care Research & Development. 2001 Jan;2(1):25-40.

- 3. Saggar S, Mir PA, Kumar N, Chawla A, Uppal J, Kaur A. Traditional and herbal medicines: opportunities and challenges. Pharmacognosy Research. 2022;14(2). phcogres.com
- 4. Graham HR, King C, Rahman AE, Kitutu FE, Greenslade L, Aqeel M, Baker T, de Magalhães Brito LF, Campbell H, Czischke K, English M. Reducing global inequities in medical oxygen access: the Lancet Global Health Commission on medical oxygen security. The Lancet Global Health. 2025 Feb 17. <a href="mailto:thelancet.com">thelancet.com</a>
- 5. Essandoh PK, Dali GL, Bryant IM. Medicinal plant use and integration of traditional healers into health care system: A case study at Ankasa Forest Reserve and catchment communities in Ghana. Ethnobotany Research and Applications. 2023 Jul 24;26:1-24. ethnobotanyjournal.org
- Stevenson MC, Norrbom C, Savela M, Xiong YL, Lee TF, Garcia C, Winstead O, Northrop M, Sandy M. Community health workers in time of crisis: A COVID-19 case study. Journal of Humanistic Psychology. 2022 Nov 17:00221678221132718. <a href="mailto:nih.gov">nih.gov</a>
- Kpobi L, Read UM, Selormey RK, Colucci E. 'We are all working toward one goal. We want people to become well': A visual exploration of what promotes successful collaboration between community mental health workers and healers in Ghana. Transcultural Psychiatry. 2024 Feb;61(1):30-46. sagepub.com
- 8. Steinman LE, Gasca A, Hoeft TJ, Raue PJ, Henderson S, Perez R, Huerta A, Fajardo A, Vredevoogd MA, James K, Hinton L. "We are the sun for our community:" Partnering with community health workers/promotores to adapt, deliver and evaluate a home-based collaborative care model to improve equity in access to quality depression care for older US Latino adults who are underserved. Frontiers in Public Health. 2023 Feb 2;11:1079319. frontiersin.org
- 9. Ssenku JE, Okurut SA, Namuli A, Kudamba A, Tugume P, Matovu P, Wasige G, Kafeero HM, Walusansa A. Medicinal plant use, conservation, and the associated traditional knowledge in rural communities in Eastern Uganda. Tropical Medicine and Health. 2022 Jun 6;50(1):39. <a href="mailto:springer.com">springer.com</a>
- 10. Okaiyeto K, Oguntibeju OO. African herbal medicines: Adverse effects and cytotoxic potentials with different therapeutic applications. International journal of environmental research and public health. 2021 Jan;18(11):5988. <a href="mailto:mdp.com">mdpi.com</a>
- 11. Buregyeya E, Atusingwize E, Nsamba P, Nalwadda C, Osuret J, Kalibala P, Nuwamanya R, Okech S, Ssekamatte T, Nitumusiima S, Wakabi T. Lessons from a community based interdisciplinary learning exposure: benefits for both students and communities in Uganda. BMC Medical Education. 2021 Dec;21:1-3. <a href="mailto:springer.com">springer.com</a>
- 12. Goebel JR, Bird MN, Martinez IL. Empowering the Latino community related to palliative care and chronic disease management through promotores de salud (community health workers). Journal of Palliative Medicine. 2021 Mar 1;24(3):423-7.
- 13. Nkwabi SM, Ngoya AJ. The Changing Role of Traditional Medicine in the Provision of Health Care in Tanzania from Precolonial to Post-Colonial Period. Lagos Historical Review. 2022 Jan 1;22.
- 14. Kacholi DS, Mvungi Amir H. Herbal remedies used by traditional healers to treat haemorrhoids in Tabora region, Tanzania. Pharmaceutical Biology. 2022 Dec 31;60(1):2182-8.
- 15. Khadka D, Dhamala MK, Li F, Aryal PC, Magar PR, Bhatta S, Thakur MS, Basnet A, Cui D, Shi S. The use of medicinal plants to prevent COVID-19 in Nepal. Journal of ethnobiology and ethnomedicine. 2021 Dec;17:1-7. <a href="mailto:springer.com">springer.com</a>
- 16. Gumisiriza H, Sesaazi CD, Olet EA, Kembabazi O, Birungi G. Medicinal plants used to treat" African" diseases by the local communities of Bwambara sub-county in Rukungiri District, Western Uganda. Journal of ethnopharmacology. 2021 Mar 25;268:113578. [HTML]
- 17. David E, DePierro JM, Marin DB, Sharma V, Charney DS, Katz CL. COVID-19 pandemic support programs for healthcare workers and implications for occupational mental health: a narrative review. Psychiatric Quarterly. 2021 Oct 4:1-21. <a href="mailto:springer.com">springer.com</a>
- 18. Gribner C, Moura PF, Rigoni AA, Clemente M, Rattmann YD, Gomes EC. Herbal medicines from the industry in the unified health system: challenge faced by medical professionals. Brazilian Journal of Pharmaceutical Sciences. 2023 Jan 16;58:e18701. scielo.br
- 19. Powell BL, Nkurunziza T, Kateera F, Dusabe L, Kubwimana M, Koch R, Hedt-Gauthier BL, Riviello R. Synthesizing postpartum care pathways, facilitators, and barriers for women after

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- cesarean section: a qualitative analysis from rural Rwanda. Journal of Global Health Reports. 2021 Jun 18;5:e2021043. joghr.org
- 20. Shields SG, Candib LM. Importance of Culture in Woman-Centered Care. InWomen-Centered Care in Pregnancy and Childbirth 2023 Jan 6 (pp. 228-230). Routledge.
- 21. Orji OU, Ibiam UA, Aja PM, Ugwu P, Uraku AJ, Aloke C, Obasi OD, Nwali BU. Evaluation of the phytochemical and nutritional profiles of Cnidoscolus aconitifolius leaf collected in Abakaliki South East Nigeria. World J Med Sci. 2016;13(3):213-217.
- 22. Enechi OC, Okpe CC, Ibe GN, Omeje KO, Ugwu Okechukwu PC. Effect of Buchholzia coriacea methanol extract on haematological indices and liver function parameters in *Plasmodium berghei*-infected mice. Glob Veterinaria. 2016;16(1):57-66.
- 23. Alum EU, Uti DE, Ugwu Okechukwu PC, Alum BN. Toward a cure–Advancing HIV/AIDS treatment modalities beyond antiretroviral therapy: A review. Med. 2024;103(27):e38768.
- 24. Obeagu EI, Bot YS, Obeagu GU, Alum EU, Ugwu Okechukwu PC. Anaemia and risk factors in lactating mothers: A concern in Africa. Int J Innov Appl Res. 2024;11(2):15-17.
- 25. Alum EU, Ibiam UA, Ugwuja EI, Aja PM, Igwenyi IO, Offor CE, Orji UO, Ezeani NN, Ugwu OP, Aloke C, Egwu CO. Antioxidant effect of Buchholzia coriacea ethanol leaf extract and fractions on Freund's adjuvant-induced arthritis in albino rats: A comparative study. 2022;59(1):31-45.
- 26. Offor CE, Ugwu Okechukwu PC, Alum EU. Determination of ascorbic acid contents of fruits and vegetables. Int J Pharm Med Sci. 2015;5:1-3.
- 27. Amusa MO, Adepoju AO, Ugwu Okechukwu PC, Alum EU, Obeagu EI, Okon MB, Aja PM, Samson AOS. Effect of ethanol leaf extract of *Chromolaena odorata* on lipid profile of streptozotocin-induced diabetic Wistar albino rats. IAA J Biol Sci. 2024;10(1):109-117.
- 28. Amusa MO, Adepoju AO, Ugwu Okechukwu PC, Alum EU, Obeagu EI, Okon MB, Aja PM, Samson AOS. Effect of ethanol leaf extract of *Chromolaena odorata* on lipid profile of streptozotocin-induced diabetic Wistar albino rats. IAA J Biol Sci. 2024;10(1):109-117.
- 29. Enechi YS, Ugwu OC, Ugwu Okechukwu PC, Omeh K. Evaluation of the antinutrient levels of *Ceiba pentandra* leaves. IJRRPAS. 2013;3(3):394-400.
- 30. Ugwu Okechukwu PC, Nwodo OFC, Joshua EP, Odo CE, Ossai EC. Effect of ethanol leaf extract of *Moringa oleifera* on lipid profile of malaria-infected mice. Res J Pharm Biol Chem Sci. 2014;4(1):1324-1332.
- 31. Ugwu OPC, Alum EU, Uhama KC. Dual burden of diabetes mellitus and malaria: Exploring the role of phytochemicals and vitamins in disease management. Res Inven J Res Med Sci. 2024;3(2):38-49.
- 32. Alum EU, Ugwu Okechukwu PC, Aja PM, Obeagu EI, Inya JE, Onyeije AP, Agu E, Awuchi CG. Restorative effects of ethanolic leaf extract of *Datura stramonium* against methotrexate-induced hematological impairments. Cogent Food Agric. 2013;9(1):2258774.
- 33. Offor CE, Nwankwegu FC, Joshua EP, Ugwu Okechukwu PC. Acute toxicity investigation and anti-diarrhoeal effect of the chloroform-methanol extract of the leaves of *Persea americana*. Iran J Pharm Res. 2014;13(2):651-658. PMID: 25237361; PMCID: PMC4157041.
- 34. Afiukwa CA, Oko AO, Afiukwa JN, Ugwu Okechukwu PC, Ali FU, Ossai EC. Proximate and mineral element compositions of five edible wild grown mushroom species in Abakaliki, southeast Nigeria. Res J Pharm Biol Chem Sci. 2013;4:1056-1064.
- 35. Ugwu OP, Alum EU, Ugwu JN, Eze VH, Ugwu CN, Ogenyi FC, Okon MB. Harnessing technology for infectious disease response in conflict zones: Challenges, innovations, and policy implications. Med. 2024;103(28):e38834.
- 36. Obeagu EI, Ugwu OPC, Alum EU. Poor glycaemic control among diabetic patients; A review on associated factors. Newport Int J Res Med Sci (NIJRMS). 2023;3(1):30-33.
- 37. Nwaka AC, Ikechi-Agba MC, Okechukwu PU, Igwenyi IO, Agbafor KN, Orji OU, Ezugwu AL. The effects of ethanol extracts of *Jatropha curcas* on some hematological parameters of chloroform intoxicated rats. Am-Eur J Sci Res. 2015;10(1):45-49.
- 38. Ezeani NN, Ibiam UA, Orji OU, Igwenyi IO, Aloke C, Alum E, Aja PM, Ugwu OP. Effects of aqueous and ethanol root extracts of *Olax subscopioidea* on inflammatory parameters in complete Freund's adjuvant-collagen type II induced arthritic albino rats. Pharmacogn J. 2019;11(1)

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