


## Curriculum Vitae

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### Educational Background

I received my M.D (Medicine) from Addis Ababa University in 2012. Then I did my Internal Medicine residency at Addis Ababa University and completed in 2016. I completed Gastroenterology & Hepatology fellowship training at Addis Ababa University & Christian Medical College Vellore in 2018. In 2020, I completed Advanced Endoscopy training from the University of Toronto.

### Professional Career

I am an assistant professor at Addis Ababa University and a consultant gastroenterologist specializing in therapeutic and interventional endoscopy. I am also the director of endoscopy and WFUMB ultrasound center of education at Tikur Anbessa Specialized Hospital, and president of the Ethiopian Gastroenterology Association. As the director of endoscopy and ultrasound education, I have played a pivotal role to integrate endoscopic ultrasound and diagnostic ultrasound into clinical practice. My expertise spans treating gastrointestinal diseases including cancers, diagnostic ultrasound and therapeutic endoscopic procedures.

## Research Field

I have published several peer-reviewed articles and has contributed book chapters on endoscopy and endoscopic ultrasound.

1. Cancer and Genetic Studies: In the realm of cancer and genetic studies, my research has focused on the epidemiology, genetics, and clinical presentation of various cancers. I have investigated the genetic factors contributing to early-onset colorectal cancer, particularly in African populations, providing crucial insights into its epidemiology. My work on the recurrence of cutaneous melanoma as a colon mass has highlighted the complexities of cancer metastasis and the need for vigilant follow-up. Additionally, I have explored the high incidence of early-onset colorectal cancer in Ethiopia, emphasizing the importance of genetic mutational analysis in understanding this trend. These studies have contributed to the development of targeted screening and treatment strategies. My research has also underscored the significance of genetic factors in cancer development and progression. By collaborating with international researchers, I have fostered a global perspective on cancer research. My publications have aimed to improve early detection and personalized treatment approaches. Overall, my work has advanced the understanding of cancer epidemiology and genetics, ultimately benefiting patient care and outcomes.

a) Anugwom, C., Braimoh, G., Sultan, A., Johnson, W. M., Debes, J. D., & Mohammed, A. (2023). Epidemiology and genetics of early onset colorectal cancer-African overview with a focus on Ethiopia. *Seminars in Oncology*.

b) Mohammed, A., Mohammed, A., Birhanu, Y., Gemechu, T., & Tamrat, D. (2019). Recurrence of cutaneous melanoma as colon mass three years after therapy. *Ethiopian Medical Journal*, 57(4).

2. Gastrointestinal and Hepatic Diseases: In the field of gastrointestinal and hepatic diseases, my research has significantly advanced diagnostic methods and understanding of rare conditions. My study on the high diagnostic yield of ERCP brush cytology for indeterminate biliary strictures has provided valuable insights into improving diagnostic accuracy. Additionally, I have explored rare hepatic conditions, such as recurrent intrahepatic cholestasis of pregnancy, contributing to better management strategies for affected patients. My work on predictors of in-hospital mortality among cirrhotic patients in Ethiopia has highlighted critical factors influencing patient outcomes. These contributions have collectively enhanced the clinical approach to diagnosing and treating gastrointestinal and hepatic diseases. By focusing on both common and rare conditions, my research has addressed gaps in knowledge and improved patient care. My publications have also emphasized the importance of early and accurate diagnosis in improving prognosis. Through collaboration with other researchers, I have fostered a multidisciplinary approach to tackling these complex diseases.

Overall, my work has had a meaningful impact on the field, benefiting both patients and healthcare provider.

- a) Nur, A. M., Salim, M., Boerner, S., Li, S., Law, C. C. Y., Edwards, L., Ryan, K., & James, P. D. (2022). High diagnostic yield of ERCP brush cytology for indeterminate biliary strictures. *Journal of the Canadian Association of Gastroenterology*, 5(5), 234-239.
- b) Mulu, Z., Nur, A., Belachew, H., & Assefa, W. (2023). Recurrent intrahepatic cholestasis of pregnancy with history of fetal demise. *International Medical Case Reports Journal*, 16, 457-459.
- c) Elias, T. P., Shewaye, A. B., Chichaybelu, H. F., Nur, A. M., Berhane, K. A., Minyilshewa, A. T., & Kumsa, K. B. (2024). Predictors of in-hospital mortality among cirrhotic patients in Ethiopia: A multicenter retrospective study. *MedRxiv*.

3. Infectious Diseases and Parasitology: My contributions to the field of infectious diseases and parasitology have centered on documenting and understanding rare and severe infections, particularly in Ethiopian patients. I have reported on unique cases such as upper GI bleeding due to leech infestation, providing critical insights into the diagnosis and management of such rare conditions. My research on laryngeal leishmaniasis has shed light on the clinical presentation and treatment of this uncommon parasitic infection. Additionally, I have explored colonic schistosomiasis, highlighting its potential to mimic other gastrointestinal diseases and the importance of accurate diagnosis. These studies have underscored the need for heightened awareness and expertise in managing parasitic infections. My work has also contributed to the broader understanding of infectious diseases in resource-limited settings. By documenting these cases, I have provided valuable information for clinicians worldwide. My research has emphasized the importance of considering parasitic infections in differential diagnoses. Through my publications, I have aimed to improve patient outcomes by promoting early recognition and appropriate treatment of these infections.

- a) Nur, A. M., & Gorf, Z. T. (2022). Upper GI bleeding due to leech infestation in Ethiopian patients: Case series and review of literature. *International Medical Case Reports Journal*, 15, 677-680.
- b) Ibrahim, R., Tena, A., Nur, A., Tesfaye, T., Limenh, W., & Fikre, H. (2018). Laryngeal leishmaniasis in a 46-year-old Ethiopian patient. *Ethiopian Medical Journal*, 56(2), 185-187.
- c) Mulate, S. T., Nur, A. M., Tasamma, A. T., Annose, R. T., Dawud, E. M., Ekubazgi, K. W., & Yimer, S. A. (2024). Colonic schistosomiasis mimicking cancer, polyp, and inflammatory bowel disease: Five case reports and review of literature. *World Journal of Gastrointestinal Endoscopy*, 16(8), 472-482.