



# ISPOR

*Improving healthcare decisions*

**Chapter Name**

**President**

**President-Elect**

**Past President**

**Secretary**

**Treasurer**

**Director**

**Director**

**Director**

**Director**

**When are elections held for your Chapter's Board?**

**Regional Chapter Members - 2017**

**Regional Chapter Members - 2016**

**Notes re Chapter members**

**Full ISPOR members (those paying dues to ISPOR Headquarters)**

**Does your Chapter collect membership dues or fees from individuals for local Chapter membership?**

**Benefits Chapter offer to members**

**Chapter's accomplishments in 2017 with regard to membership recruitment, retention, and engagement.**

**Academia%**

**Government/HTA Agency%**

**Industry - Pharmaceutical/Medical Device/Diagnostics/ Biotech%**

**Consulting%**

**Ethiopia**

Daniel A Erku, Bpharm, PhD Candidate  
Lecturer and Clinical researcher, Department of pharmacy practice and Director for community pharmacy and outreach programs, School of pharmacy, University of Gondar, Ethiopia

Begashaw M Gebresillassie, Bpharm, Msc  
Senior lecturer of pharmacotherapy, School of pharmacy, University of Gondar, Ethiopia. Alumni, YALI-East Africa (young African leader's initiative)

Eyob A Gebreyohannes, Bpharm, Msc  
Senior lecturer of pharmacotherapy, School of pharmacy, University of Gondar, Ethiopia. Alumni, YALI-East Africa (young African leader's initiative)

Tadesse M Abegaz Bpharm, Msc  
Senior lecturer of pharmacotherapy, School of pharmacy, University of Gondar, Ethiopia. Alumni, YALI-East Africa (young African leader's initiative)

Research and Publications - Henok G Tegegn, Bpharm, Msc, PhD Candidate

Assistant professor of clinical pharmacy and coordinator for directed studies, School of pharmacy, University of Gondar, Ethiopia

Event planning and programming - Asnakew A Ayele, Bpharm, Msc

Senior lecturer of pharmacotherapy, School of pharmacy, University of Gondar, Ethiopia.

Membership - Sewunet A Belachew, Bpharm, Msc  
Senior lecturer of pharmacotherapy, School of pharmacy, University of Gondar, Ethiopia. Alumni, YALI-East Africa (young African leader's initiative)

Communication and Head Addis Ababa Partnership - Philipos Petros

Senior Lecturer and Senior Expert Higher Education Institutions' Partnership, POBOX 14051, Addis Ababa

64

**Clinicians%**

**Student%**

**Other%**

**Chapter's accomplishments in 2017 with regard to education and training.**

Lectures and practical seminars on Pharmacoepidemiology, Health economics and Biostatistics on postgraduate programs at the Department of clinical Pharmacy, University of Gondar

A successful national workshop was held in December 22, 2018, in collaboration with the school of pharmacy at university of Gondar and Young Professionals' Chronic Disease Network (YP-CDN) Ethiopia Chapter. Title: "Pharmacoeconomic and outcomes research in Ethiopia: Challenges and opportunities"

Program Highlights:

- There were a series of presentations from renowned professors on the role of data registry in the Ethiopian health care system, the role of local manufacturers in access to quality essential medicines, and the economic burden of non-communicable diseases (NCD's) in Ethiopia.
- A networking event was conducted which included a poster exhibition and oral presentation of accepted health/pharmaco economics and outcomes research abstracts.
- An official foundation towards establishing a Student's Chapter at University of Gondar, Ethiopia were set.
- A discussion (question and answer) on what needs to be done in the future to further strengthen ISPOR Ethiopia Chapter were conducted.

We had 5 guest speakers including

Dr Sisay Yifru (Associate Professor of Pediatrics, and Dean of College of Medicine and Health Science, University of Gondar),  
Dr. Leggese Chelkaba (PhD in Clinical Pharmacy, Jimma university), and representative of Ministry of Health of Ethiopia and regional directors of PFSA (Pharmaceutical Fund and Supply Agency of Ethiopia)

A copy of the presentations given was made available to download on research gate, and will be available from ISPOR Ethiopia website.

ISPOR Ethiopian Chapter Inc. was represented at the ISPOR European congress at Glasgow by Mr. Eyob Alemayehu.

ISPOR Ethiopian Chapter Inc. was represented at the International Conference in Stockholm, Sweden (FIP Pharmaceutical Science World Congress (PSWS) 6th congress by Henok Getachew, Eyob Alemayehu and Yonas Getaye

**Chapter's accomplishments in 2017 with regard to research.**

The following 20 research and review articles were published by the ISPOR Ethiopia leadership team and active members.

1. Belachew SA, Tilahun F, Ketsela T, Achaw Ayele A, Kassie Netere A, Getnet Erku DA, et al. Competence in metered dose inhaler technique among community pharmacy professionals in Gondar town, Northwest Ethiopia: Knowledge and skill gap analysis. PLoS ONE

2017 12(11): e0188360.  
<https://doi.org/10.1371/journal.pone.0188360>

2. Erku DA, Netere AK, Mersha AG, Abebe SA, Mekuria AB and Belachew SA. Comprehensive knowledge and uptake of cervical cancer screening is low among women living with HIV/AIDS in Northwest Ethiopia. *Gynecologic Oncology Research and Practice*. 2017 4: (20) <https://doi.org/10.1186/s40661-017-0057-6>

3. Erku DA, Ayele AA, Mekuria AB, Belachew SA, Hailemeskel B, Tegegn HG. The impact of pharmacist-led medication therapy management on medication adherence in patients with type 2 diabetes mellitus: a randomized controlled study. *Pharmacy Practice* 2017 Jul-Sep; 15(3):1026.  
<https://doi.org/10.18549/PharmPract.2017.03.1026>

4. Erku DA and Mersha AG. Involvement of community pharmacists in public health priorities: a multi-center descriptive survey in Ethiopia. *PLoS ONE*, 2017 12 (7): e0180943 <https://doi.org/10.1371/journal.pone.0180943>

5. Erku DA, Mekuria AB and Belachew SA. Inappropriate use of antibiotics among communities of Gondar town, Ethiopia: a threat to the development of antimicrobial resistance. *BMC Antimicrobial Resistance and Infection Control* 2017 6:112  
<https://doi.org/10.1186/s13756-017-0272-2>

6. Ayele AA, Haile KT, Belachew SA, Mersha AG, Tegegn HG and Erku DA. Complementary and alternative medicine use among elderly patients living with chronic diseases in a teaching hospital in Ethiopia. *Journal of Complementary Therapies in Medicine* 2017 35: 115-119 <https://doi.org/10.1016/j.ctim.2017.10.006>

7. Bhagavathula AS, Gebreyohannes EA, Erku DA, Gebresillassie BM, Negesse CT and Balay YB (2017): Community Pharmacists' interest and attitude towards Pharmacy Practice-research in Ethiopia: A Cross-Sectional Study. *PLoS ONE*, 2017 12(6) e0178919  
<http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0178919>

8. Mekuria AB, Erku DA, Gebresillassie BM, Ahmedin H, Tizazu B and Birru EM: Prevalence and associated factors of Herbal medicine use among pregnant women on ANC follow-up at Gondar university referral hospital, Ethiopia: a cross-sectional study. *BMC Complementary and Alternative Medicine*, 2017, 17:86.  
<https://bmccomplementaltermmed.biomedcentral.com/articles/10.1186/s12906-017-1608-4>

9. Haile KT, Mekuria AB, Ayele AA, Demeke CA, Gebresillassie BM and Erku DA. Traditional herbal medicine use among people living with HIV/AIDS in Gondar, Ethiopia: A cross sectional study. *Complementary Therapies in Medicine*, 2017 35: 14-19  
<https://doi.org/10.1016/j.ctim.2017.08.019>

10. Gebresillassie BM, Haile KT, Mekuria AB, Belachew SA, Tefera YG, Abebe TB and Erku DA (in press). Evaluating patients', physicians' and pharmacists' perception regarding generic medicines in Gondar, northwest Ethiopia. *Journal of Pharmaceutical Policy and Practice*, 2017.

11. Ayalew MB, Kaleab Taye, Erku DA, et al. Patients'/clients' expectation toward and satisfaction from pharmacy service in Gondar University Hospital, Gondar, North West Ethiopia, *Journal of Research in Pharmacy Practice*, 2017; 6: 1 (21-6)  
<http://www.jrpp.net/article.asp?issn=2279-042X;year=2017;volume=6;issue=1;spage=21;epage=26;aulast=Ayalew>

12. Erku DA, Se Belachew SA, Mekuria AB, Haile KT, Gebresillassie BM, Tegegn HG and Ayele AA. The role

of community pharmacists in patient counselling and health education: a survey of their knowledge and level of involvement in relation to type 2 diabetes mellitus. *Integrated Pharmacy Research and Practice*, 2017, 6:137-143.

[https://www.dovepress.com/articles.php?article\\_id=33847](https://www.dovepress.com/articles.php?article_id=33847)

13. Surur AS, Getachew E, Teressa E, Hailemeskel B, Getaw NS and Erku DA: Self-reported and actual involvement of community pharmacists in patient counseling: a cross-sectional and simulated study in Gondar, Ethiopia. *Pharmacy Practice (grenade)*, 2017 Jan-Mar; 15 (1): 890

<http://www.pharmacypractice.org/journal/index.php/pp/article/view/890>

14. Tefera YG, Gebresillassie BM, Mekuria AB, Erku DA, Besir HB, Abebe TB and Ferenje LY: Off-Label Drug Use in Hospitalized Children: a Prospective Observational Study at Gondar University Referral Hospital, Northwestern Ethiopia: *Pharmacology Research and Perspectives*, 2017

<http://onlinelibrary.wiley.com/doi/10.1002/prp2.304/abstract;jsessionid=C55FBDBB48EDE20C8DC3AC9A1BBE8F9F.f02t01>

15. Gebreyohannes EA, Bhagavathula AS, Seid MA, and Tegegn HG. Anti-malarial treatment outcomes in Ethiopia: a systematic review and meta-analysis. *Malar J*. 2017; 16: 269. doi: 10.1186/s12936-017-1922-9. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5496337/>

16. Tegegn HG, Bhagavathula AR, Abebe TB et al. Inappropriate prescribing of antithrombotic therapy in Ethiopian elderly population using updated 2015 STOPP/START criteria: a cross-sectional study. *Clin Interv Aging*. 2016; 11: 819–827. doi: 10.2147/CIA.S107394.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4920226/>

17. Ayele AA, Tegegn HG. Non adherence to inhalational medications and associated factors among patients with asthma in a referral hospital in Ethiopia, using validated tool TAI. *Asthma Res Pract*. 2017; 3: 7. doi: 10.1186/s40733-017-0035-0.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5639592/>

18. Abdela OA, Bhagavathula AS, Gebreyohannes EA, Tegegn HG. Ethiopian health care professionals' knowledge, attitude, and interests toward pharmacogenomics. *Pharmacogenomics Pers Med*. 2017 Dec 5;10:279-285. doi: 10.2147/PGPM.S145336. eCollection 2017.

<https://www.ncbi.nlm.nih.gov/pubmed/29255371>

19. Ayele AA, Mekuria AB, Tegegn HG, Gebresillassie BM, Mekonnen A B and Erku DA. Management of minor ailments in a community pharmacy setting: Findings from simulated visits and qualitative study in Gondar town, Ethiopia.

<http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0190583>

20. Abegaz TM, Bahagavathula AS, Gebreyohannes EA, Mekonnen AB and Abebe TB. Short- and long-term outcomes in infective endocarditis patients: a systematic review and meta-analysis. *BMC Cardiovasc Disord*. 2017; 17: 291. doi: 10.1186/s12872-017-0729-5.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5728061/>

**Chapter's accomplishments in 2017 with regard to policy-related activities.**

The core leadership team of ISPOR Ethiopia chapter (Participants: Daniel A Erku, Eyob A Gebreyohnnes and Henok G Tegegn) participates and leads 2 main national workshops on the preparation of the draft and final approval of the first national "Hospital based Antimicrobial Stewardship Guideline in Ethiopia"

ISPOR Ethiopia chapter was represented by Henok Getachew on Clinton health access initiative (CHAI) funded-NextGen Leaders fellowship on "Improving access to cancer medicines in Ethiopia"

**Chapter's accomplishments with regard to Chapter meetings, workshops, or conferences in 2017.**

**Articles published in ISPOR's publication in 2017 - *Value in Health*, *Value in Health Regional Issues*, *Value and Outcomes Spotlight*, and ISPOR Regional newsletters by members in your Chapter.**

**Contributions to ISPOR Conferences and Events by Chapter members in 2017. Include workshops, poster, and podium sessions.**

**Describe any regional patient engagement activities.**

Education Training for chronic disease patients (diabetic, hypertension and heart failure patients) by Tadesse Melaku and Dr. Amanuel Getnet  
2 workshops for undergraduate and postgraduate students and young healthcare professionals (August and September, 2017 at University of Gondar)

**Activities organized for students or new professionals.**

**Chapter affiliations with any institutions, universities, government, or associations (other than ISPOR).**

**Does your Chapter have any agreements of sponsorship arrangements with any for-profit companies, governments, health authorities, or associations?**

**Chapter (as a group, not as individual members) formal comments or responses to any government or health authority.**

**Chapter Groups**

**HTA in your Chapter's country or region.**

**Is your Chapter officially registered with regional authorities in your country?**

**Does your Chapter employ paid administrative or management staff (Association Management Company, contracted staff)?**

**Other than the page for your Chapter on the ISPOR website, does your Chapter maintain a website?**

**Does the Chapter have a bank account?**

**Official organizational email address?**

**How can the ISPOR organization as a whole (Staff, Board, Consortia, Networks, etc.) better support your Chapter?**

**3 challenges the Chapter is facing at the start of 2018.**

**Current Chapter members.**

x

**CV for the Chapter President.**

**Chapter's Annual Work Plan.**

x

**Who prepared this report.**  
**FCPA Agreement**

Daniel A Erku (**Chapter President**)