

UGHE and COMS-A Announce One Space Africa to Help Train the Continent's Next Generation of Doctors

One Space Africa (OSA) is a bold Pan-African AI-powered medical education platform built by African institutions, for African medical schools, grounded in the clinical realities of the continent.

Addis Ababa, Ethiopia, Africa will face a critical shortage of 6.1 million health workers by 2030. Medical schools across the continent are under enormous pressure: too few faculty, fragmented curricula, limited digital infrastructure, and growing demands to expand student cohorts. The tools that exist today were built for other contexts, trained on other data, and designed for other clinical realities.

"I have no doubt that as this project develops, its reach across the continent will enhance training in all of the environments that we have, whether we are training in urban cities like Addis Ababa or rural areas like Transkei in South Africa. All these areas will be reached by proper practice."

Prof. Lionel Green-Thompson, President, COMS-A

To address this decades-long gap in equitable global healthcare, the University of Global Health Equity (UGHE) and the Consortium of Medical Schools-Africa (COMS-A) announced a partnership to launch OneSpaceAfrica (OSA), an AI-powered platform designed to help African medical schools rapidly and equitably expand the quality and scale of clinical training across the continent. The platform is built together with COMS-A's network of institutions and is open for collaboration with medical schools, funders, and partners across Africa.

What Makes OSA Different

OSA offers fully interactive clinical cases for students and AI-assisted question generators for faculty, tied to learning objectives, grounded in regional clinical context, and evaluated against rigorous standards. Faculty who spend two and a half months preparing a single exam can use OSA to compress that dramatically, freeing time for the mentorship and complex teaching that requires human expertise, and creating the opportunity to increase the size of student populations trained.

Three principles set OSA apart:

Rigor. All AI-generated content is drawn from peer-reviewed literature, faculty-uploaded material, and publisher-grade databases. Before anything reaches a student, it is evaluated for factual accuracy, currency, and clinical clarity. For formal assessments, at least three subject-matter experts review content before use.

African Context. OSA is built on African clinical data, reflecting regional disease burden, care settings, and resource constraints. A clinician in Rwanda needs guidance drawn from the Rwanda Ministry of Health's protocols, not global recommendations designed for different health systems.

Equity through Accompaniment. Partner Success Managers work directly with participating institutions. Multilingual support spans English, French, Swahili, Arabic, and Portuguese. Low-bandwidth optimization is built in from the start.

"We've spent decades importing medical education tools that weren't built with Africa in mind. OneSpaceAfrica flips that model, with African clinical data, African context, African ownership of the solution."

Prof. Abebe Bekele, Deputy Vice Chancellor of Academic Affairs and Research, UGHE & Chair, Transformative Technologies Technical Working Group, COMS-A

In addition, the COMS-A partnership means that OSA is being built with practical, real-world needs in mind, shaped by input from schools across Africa, and it unlocks an extraordinary opportunity to help more than half the medical schools on the continent.

Availability and Collaboration

OSA will launch first at UGHE in November 2026, with expansion across the COMS-A network planned for 2027. The platform is open for collaboration with medical schools, health systems, funders, and researchers across Africa and globally.

With OSA, Africa is setting the standard for what responsible AI in medical education looks like.

"One Space Africa comes like a huge disruptive opportunity as far as curriculum and medical education is concerned. It will help utilize the resources of Africa while also upgrading technology use."

Prof. Simeon Pierre Choukem, Chair, Education and Curriculum Committee COMS-A

To find out more and sign up to stay connected, visit us at ughe.ai.

About OneSpaceAfrica (OSA)

OneSpaceAfrica is an AI-powered medical education platform built by UGHE and COMS-A to help African medical schools rapidly and equitably expand clinical training.

About UGHE

The University of Global Health Equity (UGHE) is a health sciences institution in Rwanda with a mission to promote health equity, training the next generation of global health leaders through equity-centered education, research, and practice. ughe.org

About COMS-A

The Consortium of Medical Schools-Africa is a 190-plus member, Pan-African medical school consortium dedicated to strengthening health professions education across the continent. comsafrica.org

Media Contact

UGHE Marketing Communications Department: communications@ughe.org