



CENTRE HOSPITALIER UNIVERSITAIRE
UNIVERSITY TEACHING HOSPITAL

Quality Health Care Training & Research
University Teaching Hospital of Kigali (CHUK)

Scientific Publications at CHUK, Fiscal Year 2025–2026 Quarter 2 (October–December 2025)

Serial N°	Title of the publication	Publication date	Publication year	Journal name (if journal article or conference proceeding)	Journal Impact Factor	Online link to the publication	Indexing bodies	List of all authors from CHUK	Departm/Units (repeat for each author)	Sex of each author	Staff Category (repeat for each author)
1	Implementation and Evaluation of a Virtual Rheumatology Training Program in East Africa	2025-10-01	2025	<i>JRheumatol</i>	3,40	https://pubmed.ncbi.nlm.nih.gov/40374514/	PubMed	Masaisa F	CERD & Int. Medicine	Female	Medical Specialist
2	Outcomes of Esophageal Atresia at University Tertiary Hospital of Kigali, Rwanda	2025-10-01	2025	<i>Res Sq</i>		https://pubmed.ncbi.nlm.nih.gov/41255985/	PubMed	Habumufasha J, Kanyamuhunga A, Kabagambe S, Ntaganda E	Surgery; Pediatrics; Pediatrics; Surgery	Male; Male; Male; Male	Nurse; Medical Specialist; Nurse; Medical Specialist
3	Quantitative Assessment of Surge Capacity in Rwandan Trauma Hospitals: A Survey Using the 4S Framework	2025-10-13	2025	<i>Int J Environ Res Public Health</i>	3,74	https://pubmed.ncbi.nlm.nih.gov/41154963/	PubMed	Nkeshimana M	A&E Med	Male	Medical Specialist
4	Evaluation of nurses' knowledge and practice regarding sepsis management: "A case study of adult ICU/HDU setting at CHUK"	2025-10-14	2025	<i>BMC Nurs</i>	3,90	https://pubmed.ncbi.nlm.nih.gov/41088216/	PubMed	Mukantwari S; Ingabire F; Maniragena A; Mukamuvunyi N; Tobi K; Barindikije I; Higo C	Anesth & CC; Anesth & CC; Anesth & CC; Anesth & CC; Anesth & CC; Nursing Dir Office; Anesth & CC	Female; Female; Female; Female; Male; Female; Female	Nurse; Nurse; Nurse; Nurse; Medical Specialist; Nurse; Nurse
5	Protocol for a multi-country retrospective observational paediatric sepsis epidemiological study (SENTINEL International)	2025-10-15	2025	<i>BMJ Open</i>	2,30	https://pubmed.ncbi.nlm.nih.gov/41093338/	PubMed	Hitayezu J	Pediatrics	Male	Medical Specialist

6	Factors influencing physicians to prescribe antibiotics in Rwanda: a qualitative study	2025-10-17	2025	<i>JPharm Health Serv Res</i>	0,70	https://academic.oup.com/jph/article-abstract/16/4/rmaf018/8292498?redirectedFrom=fulltext	Embase	Musabeyesu G	Pediatrics	Female	Nurse
7	Challenges and Opportunities in the Treatment of Invasive Cervical Cancer in Low-Resource Settings: A Survey of the International Gynecologic Cancer Society Fellowship Programs	2025-10-22	2025	<i>JCO Glob Oncol</i>	2,50	https://pubmed.ncbi.nlm.nih.gov/41124621/	PubMed	Dawit Worku	Obs & Gyn	Male	Medical Specialist
8	A Prospective Cohort Study Investigating the Prognostic Performance and Utility of 3 Severity of Illness Scores	2025-10-23	2025	<i>Chest Critical Care</i>	8,60	https://www.scopus.com/pages/publications/105019677747	Scopus	Uwamahoro DL	A&E Med	Female	Medical Specialist
9	Safe delivery of intensive care for Marburg virus disease in Rwanda	2025-10-29	2025	<i>Lancet Infect Dis</i>	31,00	https://pubmed.ncbi.nlm.nih.gov/41175885/	PubMed	Turatsinze D, Mwiseneza L, Niyigaba N	Int. Medicine; Int. Medicine; Int. Medicine	Male; Female; Male	Medical Specialist; Medical Specialist; Medical Specialist
10	Shifting from epidemiology to intervention to reduce the global burden of death after trauma laparotomy	2025-11-01	2025	<i>Lancet Glob Health</i>	34,30	https://pubmed.ncbi.nlm.nih.gov/41109239/	PubMed	Ingabire JCA	Surgery	Male	Medical Specialist
11	Intramuscular variations in the exit of C5 and C6 roots of the brachial plexus: A case series from Rwanda	2025-11-02	2025	<i>Transl Res Anat</i>	0,43	https://www.sciencedirect.com/science/article/pii/S2214854X25000615?via%3Dihub	Embase	Gashegu J	Surgery	Male	Medical Specialist
12	A Prospective Cohort Study Investigating the Prognostic Performance and Utility of 3 Severity of Illness Scores	2025-11-03	2025	<i>Chest Critical Care</i>	8,60	https://www.scopus.com/pages/publications/105019677747	Scopus	Riviello E	Surgery	Male	Medical Specialist
13	Artificial intelligence in medical imaging: Utilization, challenges, and practitioner perceptions in Rwanda	2025-11-03	2025	<i>J Med Imaging Radiat Sci</i>	1,23	https://pubmed.ncbi.nlm.nih.gov/41187445/	PubMed				
14	Artificial intelligence in medical imaging: Utilization, challenges, and practitioner perceptions in Rwanda	2025-11-03	2025	<i>J Med Imaging Radiat Sci</i>	1,23	https://pubmed.ncbi.nlm.nih.gov/41187445/	PubMed	Mukandayisenga M; Tabaro J; Chinene B; Mukangendo M; Turatsinze F	Department of Medical Imaging		Medical Specialist; Medical Specialist; Medical Specialist
15	Knowledge, Practices, and Barriers to Diabetes Self-Management Among Patients with Type 2 Diabetes in a Rwandan Referral Hospital	2025-11-03	2025	<i>Patient Prefer Adherence</i>	2,17	https://pubmed.ncbi.nlm.nih.gov/41211181/	PubMed				

16	Cause of death assignment using minimally invasive tissue sampling in low resource settings: a cross-sectional study from the University Teaching Hospital of Kigali, Rwanda	2025-11-10	2025	<i>Surgical and Experimental Pathology</i>	0,80	https://link.springer.com/article/10.1186/s42047-025-00209-0	Springer Publisher	Ndayisaba M C, Rugwizangoga B, Musoni E, Manirakiza F, Uwamahoro DL, Ndebwanimana V, Uwamahoro C, Rutaganda E, Seminega B, Dusingizimana V, Mushimiyimana F, Uwineza A, Tuyisenge L, Nyundo M, Hategekimana T, Ntakirutimana G	Pathology; CERD & Pathology; Pathology; Pathology; A&E Med; A&E Med; A&E Med; Int. Medicine; Int. Medicine; Obs & Gyn; Pediatrics; Pathology; Pediatrics Surgery; DG's Office; Pathology	Female; Male; Male; Male; Female; Male; Female; Male; Male; Male; Female; Female; Male; Male; Male	Medical Specialist; Medical Specialist
17	Treatment response after chemoradiation with an external beam radiation therapy boost in cervical cancer patients in Rwanda	2025-11-11	2025	<i>Oncologist</i>	4,20	https://pubmed.ncbi.nlm.nih.gov/41032285/	PubMed	Duhoaranenayo D, Nyiraneza SE, Sungura R, Musabyimana J	Radiology; Radiology; Radiology; Radiology	Male; Female; Male; Male	Medical Specialist; Medical Specialist; Medical Specialist; Medical Specialist
18	Exploring the Role of Community Health Workers in Improving Surgical Care Outcomes and Research in Rwanda: A Mixed-Methods Study, 2023	2025-11-12	2025	<i>Rw Public Health Bul</i>		https://www.ajol.info/index.php/rphb/article/view/310207	AJOL	Munyaneza E; Muhawenayo E; Ncogoza I; Ingabire JCA; Ntirenganya F	CERD; DG's Office; Surgery; Surgery; Surgery	Male; Female; Male; Male; Male	Nurse; Nurse; Medical Specialist; Medical Specialist; Medical Specialist
19	Epidemiological profile of febrile neutropenia in children at three referral hospitals in Rwanda: A 5-year retrospective study	2025-11-17	2025	<i>Rwanda Medical Journal</i>	0,09	https://www.ajol.info/index.php/rmi/article/view/310561	AJOL	Rogo T; Kanyamuhunga A	Pediatrics; Pediatrics	Female; Male	Medical Specialist; Medical Specialist
20	Strengthening pediatric surgical readiness: outcomes of a needs-directed short course for non-specialist physicians in Rwanda	2025-11-17	2025	<i>BMC Surg</i>	1,87	https://pubmed.ncbi.nlm.nih.gov/41250134/	PubMed	Uwakunda C, Ndibanje AJ, Ntaganda E	Surgery; Surgery; Surgery	Female; Male; Male	Nurse; Medical Specialist; Medical Specialist
21	The Use of Explainable Deep Learning Models for Diabetic Retinopathy Management: From Screening to Severity Grading	2025-11-21	2025	<i>J Health Informatics Dev Ctries</i>	0,46	https://www.jhdc.org/index.php/jhdc/article/view/457		Gisagara E	Surgery	Male	Medical Specialist
22	Germline sequence variation in cancer genes in Rwandan breast and prostate cancer cases	2025-11-24	2025	<i>NPJ Genom Med</i>	4,80	https://pubmed.ncbi.nlm.nih.gov/39582020/	PubMed	Uwineza A, Muhawenimana E, Ntirenganya F	Pathology; Surgery; Surgery	Female; Male; Male	Medical Specialist; Medical Specialist; Medical Specialist

23	Prevalence and predictors of critical COVID-19 pneumonia among patients with COVID-19 admitted at Nyarugenge major COVID-19 Referral Center in Rwanda	2025-11-24	2025	<i>BMC Infect Dis</i>	3,08	https://pubmed.ncbi.nlm.nih.gov/41286653/	PubMed	Rutaganda E	Int. Medicine	Male	Medical Specialist
24	A Comparative Study of Appendicitis Inflammatory Response Score and Abdominal Ultrasound in Evaluation of Patients with Acute Appendicitis at University Teaching Hospital of Kigali	2025-12-02	2025	<i>Plastic & Reconstructive Surgery-Global Open</i>	1,80	https://journals.lww.com/prsgo/fulltext/2025/12006/a_comparative_study_of_appendicitis_inflammatory.28.aspx	google	Nifasha A; Abahuje E; Gasakure M	Surgery; Surgery; Surgery	Male; Male; Male	Medical Specialist; Medical Specialist; Medical Specialist
25	Five-years surveillance of antimicrobial resistance patterns among blood culture isolates at the University Teaching Hospital, Kigali, Rwanda	2025-12-02	2025	<i>Ann Clin Microbiol Antimicrob</i>	3,49	https://pubmed.ncbi.nlm.nih.gov/41331622/	PubMed	Munyemana JB, Uwizeyimana G, Ndayisaba MC, Dusabe A, Kantarama E, Rubambana N, Rugwizangoga B, Masaisa F, Nyundo M, Mpunga T	Pathology; Pathology; Pathology; Pathology; Pathology; Pathology; CERD & Pathology; CERD & Int. Medicine; Surgery;	Male; Male; Female; Female; Female; Male; Male; Female; Male; Male	Lab Scientist; Medical Specialist; Medical Specialist; Lab Scientist; Lab Scientist; Lab Scientist; Medical Specialist; Medical Specialist; Medical Specialist; Medical Specialist
26	Accuracy of intra-operative brain tumors squash cytology compared to large excision biopsy: a comparative study at the University Teaching Hospital of Kigali (CHUK), Rwanda	2025-12-08	2025	<i>J Neurooncol</i>	3,10	https://pubmed.ncbi.nlm.nih.gov/41359093/	PubMed	Uwamariya D, Niyodusenga E, Surwumwe JB, Umutesi A, Ndayambaje B, Muhire MFR, Ndayisaba MC, Ntakirutimana G, Inyange S, Shingiro E, Nshuti S, Munyemana M, Muneza S, Manirakiza F,	Pathology; Pathology; Pathology; Pathology; Pathology; Pathology; Pathology; Pathology; Surgery; Surgery; Surgery; Surgery; Surgery; Surgery; Pathology;	Female; Male; Male; Female; Male; Male; Female; Male; Female; Male; Male; Male; Male; Male;	Medical Specialist; Medical Specialist;
27	Anatomical Study of Sciatic Nerve Patterns in Human Cadaveric Donors at the University of Rwanda Anatomy Laboratory	2025-12-10	2025	<i>Plastic & Reconstructive Surgery-Global Open</i>	1,80	https://journals.lww.com/prsgo/fulltext/2025/12006/anatomical_study_of_sciatic_nerve_patterns_in.19.aspx?context=latestarticles	google	Gashegu J	Surgery	Male	Medical Specialist

28	Post-discharge mortality in suspected pediatric sepsis: Insights from rural and urban healthcare settings in Rwanda	2025-12-11	2025	<i>PLoS Glob Public Health</i>	2,50	https://pubmed.ncbi.nlm.nih.gov/41379776/	PubMed	Umuhoza C	Pediatrics		Medical Specialist
29	Ensuring equitable engagement in global health education: Rwandan perspectives and observations about learner exchange with high-income countries	2025-12-20	2025	<i>BMJ Glob Health</i>	7,10	https://pubmed.ncbi.nlm.nih.gov/41419252/	PubMed	Umuhoza C; Masaisa F; Rusingiza E; Munyaneza E	Pediatrics; CERD & Int. Medicine; CERD & Pediatrics; CERD	Male; Female; Male; Male	Medical Specialist; Medical Specialist; Medical Specialist; Nurse
30	Understanding The Burden and Impact of Methicillin-Resistant Staphylococcus Aureus: Exploring Therapeutic Options and Hospital Prevention Strategies to Improve Patient Outcome at the University Teaching Hospital of Kigali, Rwanda	2025-12-22	2025	<i>Epidemiology and Prevention</i>	5,40	https://www.frontiersin.org/journals/public-health/articles/10.3389/fpubh.2025.1718336/abstract		Rutare S; Masaisa; Nkubana T; Dusabe A, Munyemana JB	Pediatrics; CERD & Int. Medicine; Pathology; Pathology; Pathology	Male; Female; Male; Female; Male	Medical Specialist; Medical Specialist; Lab Scientist; Lab Scientist; Lab Scientist

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