

The COSECSA 19th Annual General Meeting & Scientific Conference

SURGICAL INFECTIONS AND SAFETY;
GLOBAL SURGERY, NATIONAL SURGERY, ANESTHESIA, AND
OBSTETRICS PLAN

Kigali, December 5-7, 2018
KIGALI CONVENTION CENTER

Day one		
Wednesday, 5 December 2018		
Venue: The Auditorium		
08:00 – 09:30	COSECSA AGM	
10:00 – 12:00	GRADUATION CEREMONY	
12:00 – 13:00	LUNCH	
12:00 – 13:00	International Federation of Surgical Colleges (IESC) AGM Venue: TBC	
Session 1: Conference Opening Ceremony		
	Welcome	MC
13:00 -13:10	Opening Remarks	Martin Nyundo, RSS President
13:10 – 13:30	COSECSA Presidential Address	Prof. Pankaj Jani, COSECSA President
13:30 – 13:50	Official Opening	Honorable Minister of Health Dr. Diane Gashumba, MD
13:50 – 14:20	<i>Coffee break + Group photo</i>	
Session 2: Minimally Invasive Surgery (15 mins each)		
Moderator :		
14:20 – 16:20	Keynote address: Minimally invasive image-guided surgery: Towards augmented surgery	Prof. Jacques Marescaux, Founder IRCAD, France
	Laparoscopic approach and emergency situations	Didier Mutter (FR)
	The lesson learned in 20 years of upper GI surgery	Bernard Dallemagne (BE)
	Emerging and converging minimal access technologies in paediatric surgery	François Bermeur (FR)
	Surgical metamorphosis: Welcome to the future of digestive surgery : Percutaneous and flexible surgery	Silvana Perretta (IT)
	Minimally invasive neurosurgery : State of the art and future directions	Sébastien Froelich (FR)
	Q&A	
Session 3: Panel on Expanding Surgical Education in Africa (15 mins each)		
Moderator:		

<i>Sponsored by RCSI Institute of Global Surgery</i>		
16:20 – 18:00	Speakers	1. Abebe Bekele (COSECSA) 2. Eric O' Flynn (RCSI) 3. Jakub Galewski (RCSI) 4. Jean Jacques Houben (ULB)
	Q&A	
19:00 – 22:00	Official Dinner Venue : Serena Hotel	
Day Two Thursday, December 6th, 2018 A. Surgical Infections and Safety B. Anaesthesia		
07:30 – 08:00	Registration	
ROOM AD 12 : Surgical Infections		
Session 4		
Moderator: Butera Alex		
8:00 – 9:00	Rahima Dawood, Traveling Fellow lecture	Prof. Johannes Fagan
9:00 – 9:15	20 years of COSECSA existence: How it started, challenges, achievements and way forward	Prof. Kakande I.
Session 5: (7 mins presentation)		
Moderators : Jennifer Rickard & Jean Claude Byiringiro		
9:20 – 9:27	Predictors of infection in open tibia shaft fractures managed at national referral hospitals in Rwanda	Dusingizimana R. Lambert
9:27 – 9:34	Antibacterial susceptibility patterns of surgical site infections in Moi Teaching and Referral Hospital, Eldoret Kenya	Steven Okello
9:34 – 9:41	Intra-abdominal infections at a Rwanda referral hospital in patients undergoing emergency laparotomy	Sibomana Isaie
9:41 – 9:48	Effect of short versus long antibiotic course in preventing post transurethral resection of prostate infections at a Northern Tanzania hospital	Orgeness Jaspel
9:48 – 9:55	Post-operative infection rate following spine surgery. A retrospective review of spine surgery outcome database	Nshuti Steve
9:55 – 10:10	Q&A	
10:10 – 10:40	<i>Coffee Break – Visit the Exhibits</i>	
Session 6: (7 mins presentation)		
Moderators: Diomede Ntsumbumuyange & Ainhua Costas Chavarri		
10:40 -10:47	Improving post caesarean follow-up in the community: Developing and validating a screening protocol to support community	Bethany Hedt-Gautier

	health worker diagnosis of surgical site infections in rural Rwanda	
10:47- 10:54	Emerging threat to progress in maternal mortality reduction: Antimicrobial resistance (AMR) trends among obstetric patients and post-caesarean peritonitis in Rwanda	Ruzidana Kenneth
10:54 – 11:01	Obstetric admissions in intensive care unit of tertiary hospitals in Rwanda: Prevalence and outcome	Alcade Rudakemwa
11:01 – 11:08	The gap between International guidelines and antibiotic prescription for caesarean patients at a rural hospital in Eastern Rwanda	Kateera Frederic
11:08 – 11:15	Rapid increase in adherence to perioperative infection prevention practices using a quality improvement program in Ethiopia	Jared Forrester
11:15 -11:30	Q&A	
Session 7: (7 mins presentation) Moderators: Kiswezi Ahmed		
11:30 – 11:37	Quality of surgical care in the Lake Zone of Tanzania: A quasi- experimental baseline assessment	Salome Kuchukhidze
11:37 – 11:44	The profile of intracranial pyogenic infections at Central University Teaching Hospital of Kigali (CHUK)	Shingiro Eric
11:44 – 11:51	Emphysematous pyelonephritis	Edouard Ngendahayo
11:51 – 11:58	Surgical Safety Checklist Implementation as Part of a Safe Surgery 2020 Quality Improvement Program in the Lake Zone of Tanzania	Tensing Namste
11:58 – 12:05	Microbiology and antimicrobial resistance of patients admitted to four intensive care units in Rwanda	Myukiyehe Jean Paul
12:05 -12:12	Utilizing the SMART advocacy approach to unlock safe surgery resource and policy implementation barriers at the sub-national level in Kenya	Angeline Mutunga
12:12 – 12:20	Q&A	
12:20 – 1:00	Panel discussion : “Surgical Infections in COSECSA Region” -Prof Mkandawire (Malawi) -Prof Mambo Claude Muvunyi (Rwanda) -Prof Abebe Bekele (Ethiopia) - Dr Nthumba Peter (Kenya)	Moderator : Georges Ntakiyiruta (Chair of Scientific Committee RSS)
13:00 – 14:00	LUNCH	
Session 8: (6 mins presentation) Moderators: Emmanuel Bukara		
14:00 – 14:10	The importance of PCT kinetics in surgical patients	Janos Fazakas (Thermo Fischer Scientific)
14:10 – 14:16	Life box Clean Cut program : A qualitative analysis of barriers and strategies for successful implementation	Nichole Starr
14:16 – 14:22	Post infectious hydrocephalus	Paulin Munyemana
14:22– 14:28	Preoperative antibiotic use and occurrence of	Olivier Kubwimana

	surgical site infection in trauma and orthopaedic surgery at the University Teaching Hospital of Kigali	
14:28 – 14:34	The management of chronic osteomyelitis by modified Lautenbach technique over five years follow up of case series in Rwanda	Butera Alex
14:34 – 14:40	Radiation safety knowledge, attitudes and practices amongst orthopaedic residents	Wamutitu Maina
14:40 – 14:50	Q&A	
14:50 – 15:00	Medtronic	
15:00 – 15:20	<i>Coffee Break – Visit the Exhibits</i>	
Session 9: (7 mins presentation) Moderators: Lule Joseph		
15:20 – 15:27	Indications for non-trauma emergency laparotomy : A comparison of South Africa, Rwanda, and the United States	Jennifer Rickard
15:27- 15:34	Prevalence of complicated appendicitis at Kigali University Teaching Hospital : A one year retrospective study	Jeremie Singuranayo
15:34 – 15:41	Challenges in safe surgery in LIC in Malawi	Aubrey Philemony
15:41 – 15:48	Timing of emergency general surgery in a major referral hospital in Rwanda : A retrospective study	Tuyishime Eugene
15:48 – 15:55	ABS embraces the women of sub- Saharan Africa. Skills transfer initiative for the COSECSA region	Munyaradzi Samson Magara
15:55 – 16:02	HIV prevalence in patients undergoing upper gastrointestinal endoscopy at a tertiary referral hospital in Malawi	Gift Mulima
16:02 – 16:20	Q&A	
Session 10: (8 mins presentations each) Moderators: Robert Riviello & Faustin Ntirenganya		
16:20 – 17:00	Antimicrobial stewardship programs in surgical practices	Magnus Grabe
	Use of the delphi method to determine the most important questions in source control for intra-abdominal infections across the globe	Rober Sawyer, World Surgical Infections Society
	Overview of the WHO Global SSI prevention guidelines	Kemal Rasa, World Surgical Infections Society
	WHO SSI presentation implementation tools	Claire Kilpatrick, WHO
	Antibiotic stewardship and anticipated impact on resistance in the surgical healthcare setting	Jana MacCleod, World Surgical Infections Society
17:00 – 17:30	Discussion, Q&A	
ROOM AD10 : Anaesthesia		
8:00 – 9:00	Session 11: Moderators: Theogene Twagirumugabe & Morris Wayne	
8:00 -8:15	Opening Remarks	Paulin R Banguti, RSA Chair
8:15 – 8:30	The role of WFSA in Anesthesiologists' Societies of LMICs	Jannicke Olsen, WFSA President

8:30 – 8:55	Advances in Global Patient Safety	Kelly McQueen
Session 12: Improving Surgical Outcomes Moderators: Mukunzi Rosemary & Jannicke Olsen		
9:00 – 9:20	Improving Surgical Outcomes in LMICs: The role of Standardization and ERAS	Ravi Oodit Kelly McQueen
9:20 -9:30	Implementation of Pain Services in tertiary Hospitals?	Adeyemi Olufolabi
9:30 – 9:40	Child Health: Toward a Safe Anesthesia in LICs	Francoise Nzeyimana
9:40 – 9:55	Mentorship model for MNCH Care in LIC countries: the experience of TSAM	Anaclet Ngabonzima, Paulin Banguti
9:55 – 10:05	Quality Care in Anesthesia: Where do we stand now?	Vatshalan Santhripala
10:05 – 10:15	Q&A	
10:15 – 10:30	<i>Coffee Break</i>	
Session 13: Education in Perioperative Medicine Moderator : Tobi O. Kingsley & Jeanne Uwambazimana		
10:30 – 11:00	Education in Pain management in LMICs: Experience of Rwanda and Mozambique	Gaston Nyirigira Emilia Pinto Wayne Morris
11:00 – 11:10	Q&A	
11:10 – 11:40	Training NPAs: Which is the best model?	Fred Bulamba Wayne Morris Michael Lipnick Emmanuel Rusatst
11:40 – 11:50	Q&A	
11:50 – 12:10	Training of anaesthesiologists: experience from across the world	Wayne Morris Megan Olejniczak Adeyemi Olufulabe
12:10 – 12:20	Q&A	
Session 14: CMEs for Anesthesia providers: The role of Short Courses Moderators : Yemi Olufulable & Christian Mukwesi		
12:20 - 12:30	SAFE OR course- Training multidisciplinary teams	Sarah Mills
12:30 – 12:40	Safety and feasibility of a ketamine package to support emergency and essential surgery in Kenya when no anesthetist is available. An analysis of 1216 consecutive operative procedures	Taha Shabberali Yusufali
12:40 – 12:50	Evaluation of the Inaugural ATLS Course at Moi Teaching and Referral Hospital	Kyle Carpenter
12:50 – 13:00	Q&A	
13:00 – 14:00	LUNCH	
Session 15: Critical Care Medicine Moderators : Olivier Umuhire & Bhiken Ishwarlal Naik		
14:00 – 15:15	Panel on Critical Care Medicine in LMICs: Challenges and opportunities	Theogene Twag Sudha Jayaraman Kwame A. Boateng Kingsley U. Tobi RSA

		Alain Irakoze G. Kirenga
15:15 – 15:30	Q&A	
15:30 – 15:45	BREAK	
Session 16: Free Presentations Moderators: Egide Buregeya & Sudha Jayaraman		
15:45 – 17:15	Improving Safety in Surgery through Anesthesia	Eugene Zoumenou
	The role of adjuvants in management of Sepsis in ICU: Vitamin C	Denny Hopkinson
	Anti-Microbial Drug Resistance in Rwandan ICUs	Jean Paul Mvukiyehe
	Postoperative Infections in LICs	Anne Mbiya
	ICU sepsis: the experience of Ethiopia	Rediet Shimeles
	ARDS following biphasic anaphylactic reaction to Morphine: A case report and review of the literature	Kingsley O. Tobi
	Bone Cement Implantation Syndrome	Gerald Kirenga Alain Irakoze
Practice of anesthesia in resource-poor settings of the Eastern Democratic Republic of Congo.	Joel Ketha	
17:15 – 17:30	Q&A	
19:00 – 21:00	Visit to the Genocide Memorial	
Day Three Friday, 7 December, 2018 National Surgery, Obstetrics And Anaesthesia Plan, Global Surgery And Clinical Sessions		
7:30 – 8:00	Registration	
ROOM AD 12 : National Surgical, Obstetrics and Anaesthesia Plan		
8:00 – 8:10	Welcome	MC
8:10 – 8:30	Opening Remarks	Guest of Honor/MOH
Session 17: New Country NSOAP Updates (15 minutes discussion) Moderators : Abebe Bekele & Rwamasirabo Emile		
8:30 – 8:45	Zimbabwe	Shiva Murugasampilay
8:45 – 9:00	Developing a National Surgical, Obstetric, and Anesthesia Plan (NSOAP) for Burundi – project initiation phase (Burundi)	Ndayisaba Gabriel
9:00 – 9:15	Nigeria	Emmanuel Ameh
9:15 – 9:30	Moving rowards surgical equity in Pakistan	Muhammad Naheel Ashraf
9:30 – 9:45	Q&A	
9:45 – 10:20	<i>Coffee Break – Visit the Exhibits</i>	
Session 18 : Implementation Updates Moderators: Charles Adisa & Nkusi Agaba Emmy		
10:20 –	Zambia	Mzaza Nthele &

10:35		Emmanuel Makasa
10:35 – 10:50	Ethiopia	Abebe Bekele
10:50 – 11:05	Tanzania	Sarah Maongezi & Yahaya Hussein
11:05 – 11:20	Rwanda	Rwamasirabo E
11:20 – 11:50	Q&A	
Session 19: NSOAP Focused Oral Presentations (5 mins presentation) Moderators: Ntaganda Edmond & Rachel Koch		
11:50 – 11:55	A mixed-methods assesment of surgical capacity in the Lake Victoria Zone of Tanzania	Amanda Florian Dimeo
11:55 – 12:00	Establishing a national surgical information system in Zambia – the SURG-Africa project	Mweene Cheelo
12:00 – 12:05	Developing sustainable prehospital trauma care in Rwanda – a collaboration between SAMU, Ministry of Rwanda and Virginia Commonwealth University	Kabagema Ignace Uwitonze Jean Marie
12:05 – 12:10	Developing the monitoring and evaluation pillar of Ethiopia’s national surgival plan: saving lives through safe surgery	Olivia Ahearn
12:10 – 12:15	Financial risk protection in cesarean section patients at a rural district hospital in Rwanda	Rachel Koch
12:15 – 12:25	Q&A	
Session 20: NSOAP Oral Presentations 2 (6 mins presentation) Moderators: Anthony Charles & Bayisenga Justin		
12:25 – 12:31	Building a participatory framework for ethics in global surgery – an interactive session	Abdullah Saleh
12:31 – 12:37	Global surgery approaches : Strategy for expanding scope of short-term medical service trips to local providers	Hal Fletcher Starnes
12:37 – 12:43	Multi-stakeholder partnership to improve surgical services in rural areas: a qualitative study of Safe Surgery 2020 in Ethiopia	Waruguru Wanjau
12:43 – 12:49	Reasons for unnecessary surgical referrals in Malawi, Tanzania and Zambia	Juma Adinna
12:50 – 13:00	Q&A	
13:00 – 14:00	LUNCH	
Session 21: Rwanda Highlight Session + Official Launch of Rwanda NSOAP		

Moderators : Abahuje Egide & Robert Riviello		
14:00 – 14:45	Official Launch of Rwanda NSOAP	
	What are the procurements and consumables needed to meet the volumes?	Christophe et al.
	In depth assesment of catastrophic expenditure and impoverishment expenditure	Mubawenimana & Pascal
	How do we train to meet the targets for 2024?	Rwamasirabo E & Ntirenganya Faustin
14:45 – 15:00	Q&A	
15:00 – 15:20	Global Surgery/PIH	Paul Farmer
15:20 – 15:30	Global Surgery – The African Point of View	Prem Yohannan
15:30 – 15:50	<i>Coffee Break, Networking and Visit the Exhibits</i>	
Session 22: Global Surgery (6 mins presentation) Moderators : Sudha Jayaraman & Nzayisenga Albert		
15:50 – 15:56	Developing surgival services for childern in East Africa – project update	David Robert Cunningham
16:02 – 16:08	Prehospital epidemiology, management and outcomes of injured childre in Kigali, Rwanda	Vizir Nsengimana
16:08 – 16:14	Whatsapp Group Forum (WGF) improves rural population access to specialist surgical care in Malawi – Prospective observational study	Gerald Dalitso Mwapasa
16:14 – 16:20	Implementing prospective cohort studies in rural Africa: Barriers to return after discharge among women undergoing cesarean section in Rwanda	Theoneste Nkurunziza
16:20 – 16:26	ETIC : Early Trauma Induced Coagulopathy	Jana Macleod
16:26 – 16:32	Water, Sanitation and Hygiene conditions folowing cesarean delivery in rural Rwanda	Casta Habiyakare
16:32 – 16:42	Q&A	
Session 23: Global Surgery (6 mins presentation) Moderators : Ruhungande Landouard		
16:42 – 16:48	Establishing an academic global surgery program : Novel training for the American general surgery resident	Rachel Davis
16:48 – 16:54	Engineering for globacl minimally invasive surgery	Dankerman Jenny

16:54 – 17:00	Strengthening surgical quality data collection and reporting in Tanzania's lake zone: A mixed methods assessment	William Washington
17:00 – 17:06	Validating the global surgery accessibility indicator: comparing geographical modeling to patient reported travel times to a rural district hospital in Eastern Rwanda	Niclas Rudolfson
17:06 – 17:12	A qualitative analysis modeling the standard pathway to care for women after cesarean section to a rural district hospital in Rwanda	Brittany Lynn
17:12 – 17:22	Q&A	
17:22 – 17:30	Closing remarks + awards	
ROOM AD10 : Global Surgery & Clinical Sessions		
Session 24: Clinical surgery 1(6 mins presentation)		
Moderators: Umurangwa Florence		
8:00 – 8:06	A study of pulse pressure – erectile dysfunction	Kasonde Bowa
8:06 – 8:12	Management urolithiasis Hawassa pyelolithotomy hydronephrosis renal failure endoscopy	Getaneh Tesfaye Teferi
8:12 – 8:18	Surgical outcomes of living kidney donors at a nascent transplant center in a Sub-Saharan African country	Engida Abebe
8:18 – 8:24	Clinico- morphological pattern of musculoskeletal tumors seen at MOI, from Jan 2013 to Dec 2014	Salome John Mduma
8:24 – 8:30	Management of Traumatic Brain Injuries in the prehospital setting in Kigali, Rwanda	Alphonsine Uwamahoro
8:30 – 8:36	Clinical frailty scale as a predictor of surgical outcomes among adult patients at St. Francis Hospital, Nsamby	Joshephine Namugenyi
8:35 – 8:44	Q&A	
Session 25: Clinical Surgery 2 (6 mins presentation)		
Moderators : Mukagaju Francoise		
8:44 – 8:50	The use of neo-adjuvant chemotherapy in patients with breast cancer – how should we manage the axilla	Bahaty Riogi
8:50 – 8:56	Long-term outcomes of brain tumor surgery patients	Lydia Nanjura
8:56 – 9:02	Teamwork as a success story in management outcomes of pheochromocytoma at the endocrine surgical unit of Mulago National Referral	Jane Odubu Fualal

	Hospital	
9:02 – 9:08	A retrospective descriptive quantitative study to determine patterns of diagnosis and treatment of osteosarcoma patients at Queen Elizabeth Central Hospital, Malawi	Vincent Lewis Mkochi
9:08 – 9:14	Management challenges of Helicobacter pylori associated gastritis faced in a single private institution in Northern Namibia	Brown C Donfor
9:14 – 9:22	Q & A	
Session 26 : Orthopaedics (6 mins presentation)		
Moderators: Bikoroti Joel		
9:22 – 9:28	Improve spinal & pediatric orthopedic care – Mozambique/ other parts in Africa	Azmi Ahmad Alaaedin
9:28 – 9:34	Post-traumatic elbow stiffness: Outcomes after Open Surgical release	Basil Christopher
9:34 – 9:40	Techniques and outcomes of percutaneous fixation of pelvic fractures: early results	Anthony Mushiri
9:40 – 9:46	Pattern of adult orthopedic patients' admission and length of hospital stay in Tikur Anbessa Specialized Hospital, Addis Ababa, Ethiopia: One year retrospective study	Mengistru Gebreyohanes Mengesha
9:46 – 9:52	Intramedullary nailing versus external fixation in the treatment of open tibia fractures in Tanzania – results of a randomized control trial	Bill Thomson
9:52 – 10:00	Q&A	
10:00 – 10:30	<i>Coffee Break – Visit the Exhibits</i>	
Session 27: Reconstructive/Plastic Surgery (6 mins presentation)		
Moderators : Furaha Charles		
10:30 – 10:36	The concept of 2 nd chance reconstructive surgery training: the 2017 – 2020 perspective	Anne Zeidan
10:36 – 10:42	Plastic surgery training in East Africa: Kenya and Uganda	Waruguru C. Wanjau
10:42 – 10:48	The impact of Vacuum Assisted Closure (VAC) therapy in management of open fractures related wounds: A case series	Laurent Nkurikiyimfura
10:48 – 10:54	Early outcomes of a 2 year follow-up managing segmental bone loss secondary to haematogenous osteomyelitis using vascularized fibula flap	George William Galiwango
10:54 – 11:00		

11:00 – 11:10	End of Session Q&A	
Session 28: Education (6 mins presentation) Moderators : Kayibanda Emmanuel		
11:10 – 11:16	Role of trainee feedback in enhancing NOTSS	Abahuje E
11:16 – 11:22	Surgical Collaboration as an Example of Horizontal Capacity building: VCU-Rwanda experience	Sudha Jayaraman
11:22 – 11:28	Graphical representations improve examinee understanding of ABSITE tests results: General surgery residents' perspective	Christophe Mpirimbanyi
11:28 – 11:34	Establishing an academic global surgery program: Novel training for the American general surgery resident	Rachel Davis
11:34 – 11:45	Q&A	
Session 29: RCSI/COSECSA Research Grant Recipients Presentations and Lindsay Stewart Prize Recipients Moderators: Ntakiyiruta Georges		
11:45 – 11:51	Impact of the establishment of the pediatric surgical unit on pediatric surgical services in Mbarara Hospital	Anne Wesonga Shikanda, University of Science and Technology (Uganda) presented by Martin Situma
11:51 – 11:57	Impact of COSECSA on surgical research in East, Central and Southern Africa	Azad Patel, University Teaching Hospital, Lusaka Zambia
11:57 – 12:03	Impact of COSECSA with regards to surgical care in Cameroon	Franklin Umenze, Mbingo Baptist Hospital, Cameroon
12:03 – 12:09	Functional outcome of patients following emergency neurosurgical intervention of traumatic brain injury	Ebenezer Gezahego Fanta, Mbingo Baptist Hospital, Cameroon
12:09 – 12:15	Prevalence of peripheral arterial disease among high risk patients in southern Malawi.	Palesa Chisala
12:15 – 12:20	Q&A	
12:20 – 12:30	Smile Train	
12:30 – 13:00	Panel discussion: Role of Healthcare industries in Global Surgery	GEF, MEDTRONIC
13:00 – 14:00	LUNCH	
14:00 –	International Spotlight on Global Surgery,	Kathleen, Casey

14:30	Anesthesia and Obstetrics	
14:30 – 16:00	ACS/COSECSA: Residents' education	TBC + Sean Tierney (RCSI) Philip Cotton (VC/UR)
16:00 – 16:30	<i>Coffee Break – Visit the Exhibits</i>	
16:30 – 17:30	G4 ALLIANCE	
17:30 – 18:00	Closing Remarks + Awards	
19:00	Gala Dinner Venue : TBC	