

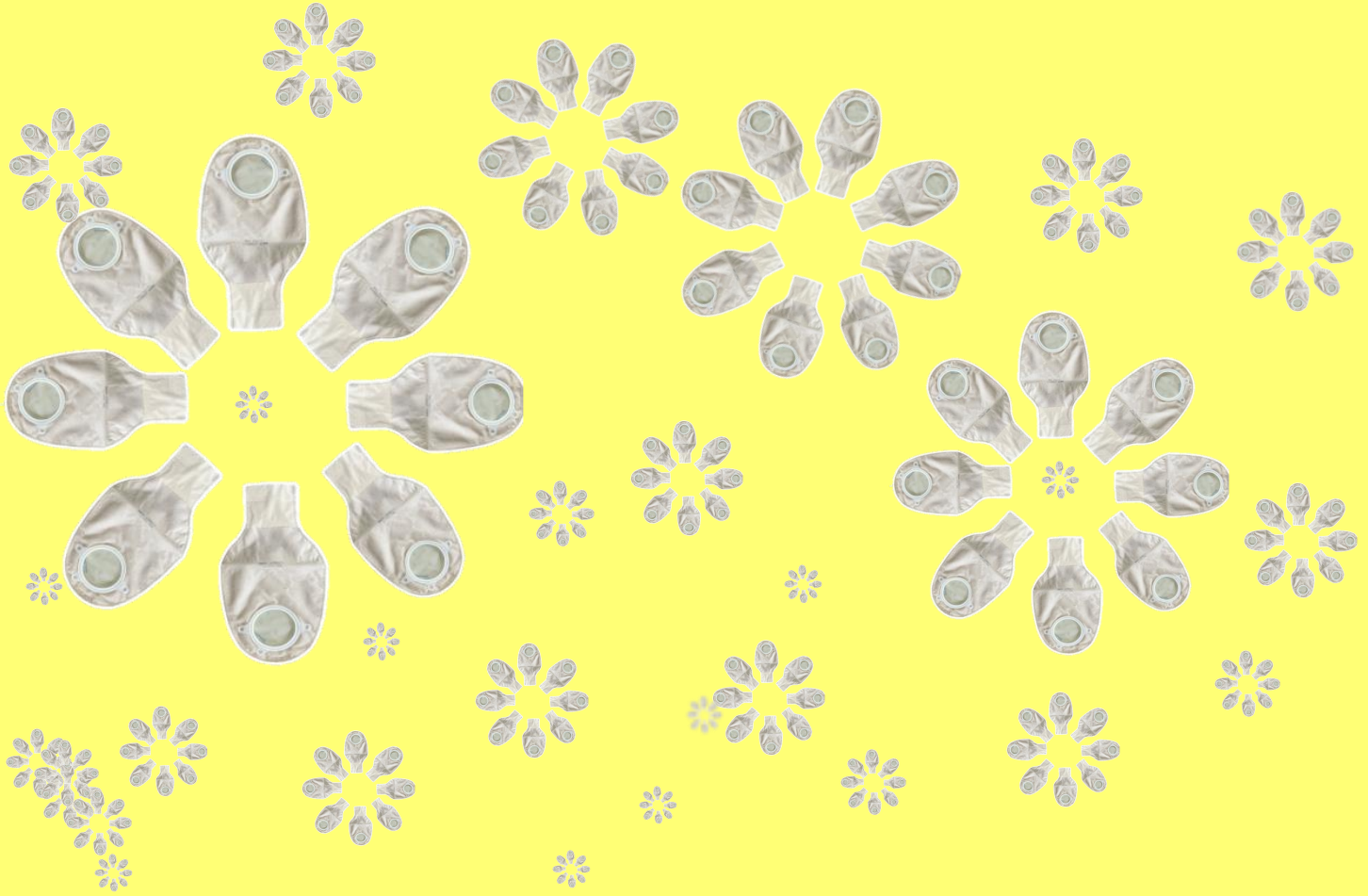


SUTURE

2023 - 03

NEWSLETTER OF THE COLLEGE OF SURGEONS OF SRI LANKA

"Binding Surgeons Together"



Story of Colostomy



Sri Lanka Surgical Congress 2023 (SLSC 23)

SLSC 23'

Post congress sessions

POST CONGRESS WORKSHOP

Sri Lanka Surgical Congress 2023

Cricket encounter



THE COLLEGE OF SURGEONS OF SRI LANKA

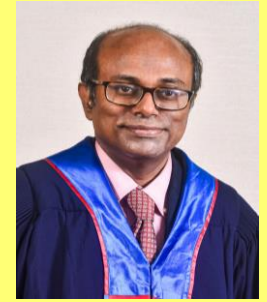
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SUTURE Editors : Dulantha De Silva & Gayan Ekanayake



Inside this issue

The Discovery and Evolution of Stoma Appliances

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Consultant Gastrointestinal Surgeon
Department of Surgery
University of Colombo



Introduction

The invention of stoma bags and devices has revolutionized the lives of individuals living with stomas. This article delves into the historical development of colostomy bags, from their early beginnings to the advanced devices we have today. It explores the milestones, key inventors, and significant advancements in this field, shedding light on the remarkable journey that has improved the quality of life for countless patients worldwide.

Ancient Origins

The concept of diverting faecal matter from the body dates back to ancient times. In early civilizations, such as ancient Egypt and Greece, rudimentary colostomy-like procedures were performed using various materials like reeds, animal bladders, and even gold or silver tubes (1). These primitive methods aimed to address intestinal obstructions or injuries. While stoma procedures date back to as early as 350 BC, a colostomy was first recorded in a surgery textbook in 1750 (2).

The Renaissance and Early Modern Era

During the Renaissance period, surgical techniques began to

advance, leading to significant progress in colostomy procedures. In the 16th century, Ambroise Paré, a French surgeon, described temporary colostomies as a means to divert faeces and promote healing (3). However, the lack of proper containment systems limited the effectiveness and practicality of these early procedures.

19th Century Innovations

The 19th century witnessed remarkable advancements in surgery and medical devices, including the evolution of colostomy bags. In 1828, French surgeon Dominique-Jean Larrey developed a metal colostomy tube with an attached reservoir to collect faeces (4). This design marked a significant improvement in managing fecal diversion, but it still posed discomfort and limited mobility for patients.

Pioneering Innovations in the 20th Century

The 20th century brought forth pioneering innovations in the field of colostomy bags and devices. In 1917, a significant breakthrough occurred when Fredrick W. Salmon, introduced a rubber colostomy bag with an adhesive ring (5). This design provided a more secure and comfortable fit for patients.

During World War II, the need for improved colostomy devices grew, as many soldiers required temporary or permanent stomas. In response, several advancements were made, including the introduction of odor-reducing materials and one-piece systems that enhanced convenience and hygiene.

In South Asian countries like Sri Lanka and India patients initially used improvised colostomy devices made from leaves especially the 'Kenda' leaves. This plant *Macaranga pellata* is found in Sri Lanka, India and Thailand. Later plastic bags with rubber bands were used as stoma appliances. Although these improvised stoma devices were not ideal, they served their purpose as before the mid 1990s most stomas were sigmoid colostomies, following abdomino-perineal resection of the rectum or diversion colostomies following rectal trauma.

These stomas produced mainly solid waste and leakage was easier to control. Furthermore, soiling of the skin with faeces was not a major problem as it was unlikely to lead to skin excoriation. When ileostomies became frequent it was necessary to have purpose made stoma bags to collect the liquid effluent and to protect the skin from excoriation.

Modern Innovations and Improved Quality of Life

Advances in materials, technology, and medical understanding have propelled the development of colostomy bags and devices to unprecedented levels. Modern colostomy bags are now discreet, odor-resistant, and designed for enhanced comfort and flexibility, allowing patients to lead active and fulfilling lives.

In recent years, manufacturers have introduced innovative features, such as integrated filters, controlled-release systems, and skin-friendly adhesives. These advancements have significantly reduced the impact of having a colostomy

on daily life, empowering individuals to regain confidence and normalcy.

In conclusion, the historical journey of colostomy appliances reveals the remarkable progress made in the field of medical science and surgical innovation. From ancient makeshift methods to the state-of-the-art systems available today, the development of colostomy devices has revolutionized the lives of millions of individuals worldwide. As technology continues to advance, we can expect further improvements in stoma management, ensuring that patients experience increased comfort, convenience, and an improved quality of life.

References

- (1) Metwaly AM, Ghoneim MM, Eissa IH, Elsehemy IA, Mostafa AE, Hegazy MM, Afifi WM, Dou D. Traditional ancient Egyptian medicine: A review. *Saudi J Biol Sci.* 2021 Oct;28(10):5823-5832.
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(3) Drucker CB. Ambroise Paré and the birth of the gentle art of surgery. *Yale J Biol Med.* 2008 Dec;81(4):199-202.

(4) Ramdhan RC, Rai R, Brooks KN, Iwanaga J, Loukas M, Tubbs RS. Dominique Jean Larrey (1766-1842) and His Contributions to Military Medicine and Early Neurosurgery. *World Neurosurg.* 2018 Dec;120:96-99.

(5) Banov L. Frederick salmon-surgeon who founded St. Mark's Hospital. *Dis Colon Rectum.* 1968;(11):447-451.

Sri Lanka Surgical Congress 2023 (SLSC 23)



Sri Lanka Surgical Congress 2023

'Training the future surgeon'

The College of Surgeons of Sri Lanka

In Collaboration with

The Royal College of Surgeons of Edinburgh

The SAARC Surgical Care Society

SLSC 23'

14th to 16th September

Plenaries & Symposia

Inauguration - 14th September

Surgical Training
General Surgery
Coloproctology
Plastic & Hand Surgery
ELSA
SAARC
Orthopaedic & Trauma
Oncology
Hepatobiliary
Vascular
Endocrine
Urology
Neuro Surgery
Breast Surgery
Cardiothoracic & Thoracic
Technical & Non-Technical
Minimal Access

Orations

Professor R A Navaratne Oration
Dr R L Spittle Oration
SAARC Oration

Pre Congress Workshops

Debates

Research Presentations

Meet the Experts

Master Classes

College Dinner

Trainees' Night

At UCFM Tower

(Faculty of Medicine)

University of Colombo

For more details



The College of Surgeons of Sri Lanka

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Sri Lanka Surgical Congress 2023

'Training the future surgeon'



The College of Surgeons of Sri Lanka

Meet The Experts

14th September (07:00–08:00)

Current Management of varicose veins: a case based discussion	Professor Mandika Wijeyaratne Dr Nalaka Gunawansa Dr Thanoj Fernando Dr Ranjuka Ubayasiri Dr Malaka Amarasinghe
Liver parenchymal transection	Dr Prabath Kumarasinghe Dr Suchintha Tilakaratne

15th September (07:00–08:00)

Surgery for chronic pancreatitis - Pancreatico-Jejunostomy	Dr Buddhika Dassanayake Dr Duminda Subasinghe
Tips and Tricks in Laparoscopic Fundoplication	Dr Manjula Pathirana SLAMADS

16th September (07:00–08:00)

Tips and Tricks of Minimal Invasive UGI Cancer Surgeries	Dr Jayamal Ariyaratne Dr Sritharan Ganeshmoorthy
Safe dissection of Calot's triangle	Dr Malith Nandasena

Registration Fee

Rs 1000/= per session

**Free of charge for Congress (SLSC 23) Registration

**Limited to 20 participants per session

Scan to Register



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Sri Lanka Surgical Congress 2023

'Training the future surgeon'

The College of Surgeons of Sri Lanka



Masterclasses

14th September

08:45 - 10:00	Gynecomastia Surgery
10:20 - 11:30	Controversies of Surgical Management of Thyroid Cancer

15th September

14:00 - 17:00	Vascular Surgery
15:30 - 16:30	Management of Biliary Calculi

16th September

07:00 - 08:00	Brachial Plexus Injuries
10:35 - 12:20	Surgical Training and Assessment
13.45 - 15.45	Hemifacial Microsomia

Registration Fee

Rs 2000/= per session

**Free of charge for Congress (SLSC 23') Registration

** Limited to 20 participants per session

Scan to Register



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Post congress workshops

Emergency Sonography for Trauma Care (ESTC) - THA (October)



A course on Emergency Sonography for Trauma Care (ESTC)

Organized by
The College of Surgeons of Sri Lanka
in collaboration with
Anuradhapura Clinical Society



Date - 19th October 2023
Time - 8.30 am to 2.00 pm
Venue - Professorial Unit
Teaching Hospital Anuradhapura

Participants-
Any Doctor who is involved in acute trauma care
Limited for 50 participants only

Co-ordinators

Dr. Mihira Bandara 071 800 45 32
Dr. Prathibha Nelihele 077 060 62 29



Course Outline

FAST

Vascular access

IVC Assessment

Use of Ultrasound for fluid Resuscitation

Cadiac Assessment - Tamponade

Lung Assessment - Pneumothorax
Pleural effusion

Faculty

- Dr. Mihira Bandara
- Dr. Lewan Kariyawasam
- Dr. Geethika Perera
- Dr. Pavithra Rubasinghe
- Dr. Ruwani Herath
- Dr. Buddhika Gurunayaka
- Dr. Dinesh Weerasinghe
- Dr. Dinesha Punchihewa



Scan to Register

For Registration contact
The College of Surgeons of Sri Lanka - 011 268 22 90
www.surgeons.lk
Dr Prathibha Nellihele 077 060 62 29

Course fee
Rs. 5000/-











Post congress workshop



Mehan Siriwardhane
Bch Med Sc (Hons) MBBS FRACS
Dept. of General Surgery, Mater Hospital,
Queensland



Shinn Yeung
MBBS(Hons) FRACS FACS
Dept. of General Surgery, Mater Hospital,
Queensland



Joel Lewin
BSc MBBS (Hons) FRACS
Dept. of HPB Surgery, Royal Brisbane
Hospital

REGISTRATION FREE

First eight registrars enrolled can participate at Hands on laparoscopic cholecystectomy guided by a mentor-Workshop scheduled for November 2023!

- Live demonstration of Laparoscopic cholecystectomy and per op cholangiogram
- Video based discussion on Laparoscopic CBD exploration, Trouble shooting of difficult cholecystectomy, Advanced HPB surgery and robotics
- Participants will receive a certificate from SLIC-23 and e copy of proceedings
- Refreshments at personal cost available at theatre canteen

Organized By

Kandy Chapter - THE COLLEGE OF SURGEONS OF SRILANKA



Prof Arinda Dharmapala
Prof Kuda B Galketiya

HPB division, Department of Surgery
Faculty of medicine Peradeniya



<https://med.pdn.ac.lk/>



Inoka - 070 444 3030

National Trauma Management Course (NTMC)







Advanced Trauma Life Support (ATLS)







Masterclass in Breast and Endocrine Surgery (MaBES)

Masterclass in Breast and Endocrine Surgery (MaBES)



The College of Surgeons of Sri Lanka

In collaboration with

Association of Endocrine Surgeons of Sri Lanka (AESSL) & Sri Lanka Society of Breast Surgeons (SLSBS)

December 1st to 3rd, 2023

Content

- Oncoplastic breast surgery – Level I and Level II (Live patients and Cadaveric)
- Sentinel node biopsy (Live patients)
- Open endocrine surgery – Hands on cadaveric
- Laparoscopic and endoscopic endocrine surgery – Hands on cadaveric

International Faculty

- * Prof Rajeev Parameswaran, NUHS, Singapore
- * Prof Amit Agarwal, Medanta, Lucknow, India
- * Dr Roma Pradhan, Medanta, Lucknow, India
- * Dr Abhishek Krishna, Medanta Lucknow, India
- * Dr Anil Rao, KTPH, Singapore
- * Dr Sujith Wijerethne, NUHS Singapore

Intended Audience

- General Surgical Trainees - Registrars and Senior Registrars
- Surgeons with an interest in Breast and Endocrine Surgery (General Surgeons, Oncosurgeons, Plastic Surgeons and ENT Surgeons.. etc)

National Faculty

- * Prof Ranil Fernando
- * Prof Sanjeeva Seneviratne
- * Prof Ajith Malalasekera
- * Dr Nissanka Jayawardhana
- * Dr Ajith De Silva
- * Dr Kanchana Wijesinghe
- * Dr Rasitha Manathunga
- * Dr Duminda Dissanayake
- * Dr Nalinda Munasinghe
- * Dr Diluka Pinto

Highlights of the Masterclass

- Live oncoplastic breast surgery operative workshop at NHSL
- Hands on cadaveric workshop on breast and endocrine surgery
- Laparoscopic and endoscopic endocrine surgery (cadaveric)
- Video lectures from the experts on various endocrine surgeries
- Interactive discussion with the faculty

OLYMPUS

Day 01 - 1st December Breast Workshop National Hospital of Sri Lanka, Colombo

08:30 - 08:40	Introduction to the course
08:40 - 09:00	Principles of oncoplastic breast cancer surgery
09:00 - 12:00	Live breast surgery (National Hospital of Sri Lanka, Colombo)
12:00 - 13:00	Oncoplastic breast reconstruction Interactive discussion with the Faculty
13:00 - 14:00	Lunch
14:00 - 17:00	Oncoplastic breast reconstruction
17:00 - 19:00	Dinner with the Faculty (Venue TBA)

Registration Fee:

Day 1 only	Rs 10,000
Day 2 only	Rs 10,000
Day 3 only	Rs 10,000
Days 2 & 3	Rs 17,000
All 3 days	Rs 25,000

For Registration:
Log on to www.surgeons.lk



For details Contact:
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+94 74 365 6504 (WhatsApp)

Professor Sanjeeva Seneviratne
Honorary Secretary
The College of Surgeons of Sri Lanka
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Colombo 7
11268250 / 112695080
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collsurg@gmail.com

Day 02 - 2nd December Breast & Endocrine Cadaveric Workshop UCFM Tower, Faculty of Medicine, Colombo

Introduction	Prof Rajeev Parameswaran & Prof Ranil Fernando
08:30 - 08:45	Introduction to safe thyroid surgery - Prof Ranil Fernando
08:45 - 09:00	Introduction to energy devices
09:00 - 09:30	Anatomical Principles
09:30 - 12:30	Parallel session for nurses (set up of energy devices and laparoscopic surgery set up)
09:30 - 12:30	Cadaveric hands-on surgery

Time	Tables 1-3	Tables 4-6
09:30 - 10:30	Open thyroidectomy + central neck dissection	Oncoplastic volume displacement
10:30 - 11:30	Parathyroidectomy + Lateral neck dissection	Oncoplastic flaps for partial reconstruction
11:30 - 12:30	BABA approach / Transoral surgery	Breast reconstruction

12:30 - 13:30 Lunch
13:30 - 16:30 Session 02

Time	Tables 1-3	Tables 4-6
13:30 - 14:30	Open thyroidectomy + central neck dissection	Oncoplastic volume displacement
14:30 - 15:30	Parathyroidectomy + Lateral neck dissection	Oncoplastic flaps for partial reconstruction
15:30 - 16:30	BABA approach / Transoral surgery	Breast reconstruction

Day 03 - 3rd December Breast & Endocrine Cadaveric Workshop UCFM Tower, Faculty of Medicine, Colombo

Introduction	Prof Rajeev Parameswaran
08:30 - 08:45	Introduction to adrenal tumours
08:45 - 09:00	Safe adrenal surgery
09:00 - 12:30	Cadaveric dissection - Laparoscopic surgery

Time	Tables 1-3	Tables 4-6
09:00 - 10:30	Retropertitoneal approach	Retropertitoneal approach
10:30 - 12:00	Anterior approach	Anterior approach
12:00 - 12:30	Videos of cases	

12:30 - 13:30 Lunch

13:30 - 16:00 Adrenal Surgery - Open Techniques

Time	Tables 1-3	Tables 4-6
13:30 - 15:00	Splenectomy Nephrectomy Distal pancreatectomy	Splenectomy Nephrectomy Distal pancreatectomy
15:00 - 16:00	Mobilization of liver and exposure of cava	Mobilization of liver and exposure of cava
16:00 - 16:30	Videos of cases	
16:30 - 17:00	Certificates	

OLYMPUS

Surgical Education & Training Sessions (SETS)



SETS

Surgical Education
& Training Sessions

Date: Saturday 18th November 2023

Time: from 8.30 am

Venue: Auditorium
The College of Surgeons of Sri Lanka
6, Independence Avenue
Colombo 7

Live transmission to

Teaching Hospital Kandy
Teaching Hospital Peradeniya
Teaching Hospital Jaffna
Teaching Hospital Karapitiya &
Teaching Hospital Batticaloa

Thyroid

Topics & Resource Persons

08:30 am - 09:15 am	Assessment of thyroid nodules Dr Diluka Pinto
09:15 am - 10:00 am	Adjuvant therapy for differentiated thyroid cancer Dr Nuradh Joseph
10:00 am - 10:30 am	Break
10:30 am - 11:15 am	Current trends in the surgical management of differentiated thyroid cancer Dr Randima Nanayakkara
11:15 am - 12:00 noon	Management of hyperthyroid goitre Professor Sanjeewa Seneviratne

For pre - registration scan the QR Code Registration Fee : Rs. 1500/=



Pre registration Only

Closing date:
17th November 2023 4:00 PM

Dr Ranga E Wickramarachchi
Coordinator

Professor Sanjeewa Seneviratne
Honorary Secretary
The College of Surgeons of Sri Lanka

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Website: www.surgeons.lk

The Dr Noel Bartholomeusz Memorial Oration and Fellowship awards ceremony



The Dr Noel Bartholomeusz Memorial Oration and Fellowship awards ceremony

25th November 2023



The College of Surgeons of Sri Lanka

Award of Fellowships 2023



Fellowship Awards 2023



Dr Chathuranga Thisara Keppetiyagama

MBBS, MD(Surgery), MRCS(Eng), FMAS(India)

Consultant Surgeon, National Hospital, Kandy



Fellowship Awards 2023



Dr Sundaramoorthy Iyer Thuraisamy Sarma

MBBS(Jaffna), MD Surgery(Colombo), MRCS(Eng), MRCSEd
,PGCetMedEd(Colombo),FICS

Senior Lecturer & Consultant Surgeon, University Surgical Unit, TH Jaffna



Fellowship Awards 2023



Dr Chandika Anuradha Liyanage

MBBS, Mphil, MS, MRCS, FRCSEdin, FACS, FRACS
(Consultant Surgeon, Dubbo Base Hospital, Sydney, Australia)



Fellowship Awards 2023



Dr Urupelewwa Gamladdalage Nandakumara Amarasinghe

MBBS, MS, MRCS

Consultant Surgeon, Colombo South Teaching Hospital, Kalubovila



Fellowship Awards 2023



Dr Suran Rasika de Almeida

MD(Surgery), Mch(Orthopardic),FRCS(Tr&Orth)

Consultant Surgeon,Army Hospital, Colombo



The College of Surgeons of Sri Lanka

The Dr Noel Bartholomeusz Memorial Oration 2023

Dr Umesh Jayarajah

MBBS (Col), MS (Col), MD Surgery (Col), MRCS
(Glasg), FMAS (India)

Senior Registrar in General Surgery
University of Colombo, Sri Lanka









Cricket encounter

















