IRC Schedule of BCLS and CCLS

Start	Finish	Topic	Speaker
		Day 1	
8.30 am	9.00 am	**Registration**	
9.00 am	9.10 am	Welcome & Introduction IRC Courses & Learning Objective	Course Coordinator Course Director
9.10 am	9.25 am	BCLS Core link & Algorithm - Scene safety - Call for the Help - Checking Pulse & Respiration	
9.25 am	9.50 am	Chest Compression - Lecture Demonstration	
9.45 am	10.00 am	Introduction to COLS Importance & difference	
10.00 am	10.20 am	Airway & Breathing - Lecture & Demonstration	
10.20 am	10.50 am	Single Rescuer & Two Rescuer Algorithm	
10.50 am	11.10 am	AED Lecture - Demonstration	
11.10 am	11.30 am	Tea Break	
11.30 am	12.30 am	Hands on practice Single & Two Rescuer, & AED	3-4 students one Manikin 6-8 Students One instructor
12.30 am	1.00 pm	CPR in special Situation - Child & Infant - Pregnant woman	
1.00 pm	1.20 pm	Adult Choking	
1.20 pm	2.00 pm	Lunch	
2.00 pm	2.10 pm	BCLS Algorithm - Putting all together - Review & Question - Answer	
		CCLS	
2.10 pm	2.20 pm	Introduction to CCLS - CCLS Core links	
2.10 pm	2.40 pm	CCLS Algorithm	
2.40 pm	3.00 pm	Basic & Advance Airway	
3.00 pm	3.45 pm	ECG –Interpretation & Rhythm Identification	
3.45 pm	4.15 pm	Defibrillation with TCP & Cardio version	
4.15 pm	4.45 pm	Tea Break	
4.45 pm	5.45 pm	Skill Station 1 –Airway stations - Airway adjuncts, SGA, Endotracheal Intubation Skill Station 2 – Defibrillation - - Understanding of Defibrilators, Cardioversion & TCP	Total 4 Skill Statins 2 Airway stations 2 Defibrillation stations 4 groups Swap from Airway to Defibrillation stations
5.45 pm	6.00 pm	Q & A – End of the day	

Email: vc@kgmcindia.edu

Registrar
King George Medical University
Lucknow

Start	Finish	Topic	Speaker
		Day 2	
9.00 am	**9.30 am**	Acute Coronary Syndrome	
9.30 am	**9.50 am**	Pharmacology	
9.50 am	**10.10**	Intra Osseous Approach	
10.10 am	**10.30 am**	Stroke	
10.30 am	**10.45 am**	Team Approach	
10.45 am	**11.00 am**	Tea Break	
11.00 am	**12.30 pm**	Understanding Pre arrest ECG Rhythms on Simulators - Defibrillation - Cardio-version - TCP	Demonstration & Interaction with students Station 1 VF/VT/PEA/Asystole Station 2 Tachycardia Station 3 Bradycardia
12.45 pm	**1.30 pm**	Lunch	
1.30 pm	**3.00 pm**	Code Blue / Team Approach Skill Station 1 – Cardiac arrest Skill Station 2 – Tachycardia Rhythms Skill Station 3 – Bradycardia Rhythms	Team Approach Roles Allocation to Students Case scenarios
3.30 pm	**3.50 pm**	ROSC & Post resuscitation care	
3.50 pm	**4.30 pm**	Test	
4.30 pm	**4.40 pm**	Putting All together - Q & A	
4.40 pm	**END**	Interaction, Review – Remediation and Closure Valedictory	

Email: vc@kgmcindia.edu

Registrar
King George Medical University
Lucknow

CPR provider courses organised and conducted by Department of Anaesthesiology, KGMU, Lucknow

Basic Cardiopulmonary Life support (BCLS) and Comprehensive Life support (CCLS) provider course training data , July,2023 to June,2024

Number of candidates

Trained for BCLS=156

Number of candidates trained for CCLS=0

Total candidates trained=156

Trained BCLS candidate list 2 July, 2023				
S No	Name	Email	Course	Result
1	Akanksha shukla	akanksha786t@gmail.com	BCLS	Passed
2	Khushboo nishad	nkhushbu76@gmail.com	BCLS	Passed
3	Yatendra Umrao	umrao7389@gmail.com	BCLS	Passed
4	Pankaj Singh	singhp34571@gmail.com	BCLS	Passed
5	Pinki	pinkiraj271298@gmail.com	BCLS	Passed
6	Vandana patel	vaishu.v9293@gmail.com	BCLS	Passed
7	Km Aamina khatoon	mekku6677@gmail.com	BCLS	Passed
8	Reena singh	reena1132002@gmail.com	BCLS	Passed
9	Ratan chand	ratanchand.sunil6970@gmail.com	BCLS	Passed
10	Anjali verma	anjaliverma1809.av@gmail.com	BCLS	Passed
11	Neelam rao	raoneelam1993@gmail.com	BCLS	Passed
12	Saumya	sarikanigam3635@gmail.com	BCLS	Passed
13	Sanjana Singh	sanjanasingh1994lko@gmail.com	BCLS	Passed
14	Sadhana agarhari		BCLS	Passed
15	Yamini shukla	yaminishukla1999@gmail.com	BCLS	Passed
16	Supriya Kumari	SupriyaKumari33433@gmail.com	BCLS	Passed
17	Sandhya kumari	sandhyakumari12.sk@gmail.com	BCLS	Passed
18	Indrajeet Kushwaha	manishmaurya5537@gmail.com	BCLS	Passed
19	AMARJEET SINGH	amarjeetsingh963@gmail.com	BCLS	Passed
20	SHUBHAM TRIPATHI	Tripathishubham759@gmail.com	BCLS	Passed
21	VIKASH VERMA	vermavikash173@gmail.com	BCLS	Passed
22	Priyanka Verma	priyankaverma191093@gmail.com	BCLS	Passed
23	Sadhna yadav	sadhnayadav3386@gmail.com	BCLS	Passed
24	ANJU SINGH	anjusingh7800@gmail.com	BCLS	Passed
25	Gulbashar Siddiqui	gulbasharsiddiqui19@gmail.com	BCLS	Passed
26	Anamika kushwaha	kushwahaananika786@gmail.com	BCLS	Passed
27	Ankit Kumar	Ankitrana7542@gmail.com	BCLS	Passed
28	Suman C Bala	sumanziva1@gmail.com	BCLS	Passed
29	Varun upadhyay	varunupadhyay.bst@gmail.com	BCLS	Passed
30	Km Nisha Yadav	nishyadav2672@gmail.com	BCLS	Passed
31	Nisha Gupta	ng607748@gmail.com	BCLS	Passed
32	Amayra khan	anshubht67@gmail.com	BCLS	Passed
33	Yogita verma	vermayogita223@gmail.com	BCLS	Passed
34	Anjali tripathi	anjalitripathi42@gmail.com	BCLS	Passed
35	Anshika maurya	mauryaanshika133@gmail.com	BCLS	Passed
36	Anshu Devi	anshuvermabbk10@gmail.com	BCLS	Passed
37	Madhu verma	mv2110009@gmail.com	BCLS	Passed

Dr Satish Verma
1-02-25
ADDITIONAL PROFESSOR
Deptt. of Anaesthesiology
K.G.'s Medical University, U.P.

Registrar
King George Medical University
Lucknow

38	Nishi singh	Ashu15AT@gmail.com	BCLS	Passed
39	Vaishnavi shukla	shuklavaishnavi667@gmail.com	BCLS	Passed
40	Bharti Verma	bhartiv191967@gmail.com	BCLS	Passed
41	Shalu Sharma	6394shalu@gmail.com	BCLS	Passed
Total candidates=41				

Trained BCLS candidate list 23 July, 2023				
S No	Name	Email	Course	Result
1	Suneela Devi	suneelarathour74@gmail.com	BCLS	Passed
2	Julie Ross	rossjulie607@gmail.com	BCLS	Passed
3	Arti singh	arti5799931@gmail.com	BCLS	Passed
4	Arpita Verma	vermaarpita9918@gmail.com	BCLS	Passed
5	Sandhya	chuahansandhya111@gmail.com	BCLS	Passed
6	Kiran Yadav	kiranyadav1488820@gmail.com	BCLS	Passed
7	Vandna Sharma	vandnas917@gmail.com	BCLS	Passed
8	Shraddha mishra	shraddhamishrastp200@gmail.com	BCLS	Passed
9	Anam Sahid	anam112shahid@gmail.com	BCLS	Passed
10	Deepak shukla	ds6132557@gmail.com	BCLS	Passed
11	Layak ram	rayak1@1234	BCLS	Passed
12	Sanjeet Kumar	sanjeetkumaremo@gmail.com	BCLS	Passed
13	Neem Kumar	neemkumar143@gmail.com	BCLS	Passed
14	Navita	navitarai0@gmail.com	BCLS	Passed
15	Hirendra sahu	hirendrasahu871@gmail.com	BCLS	Passed
16	Neetu Chaudhary	nee265755@gmail.com	BCLS	Passed
17	Rajesh Kumar Rawat	rajeshkrawat38@gmail.com	BCLS	Passed
18	Pushpa	pushpay157@gmail.com	BCLS	Passed
19	Kanti shukla	swatisai407@gmail.com	BCLS	Passed
20	Nirupma singh	nirupmasingh4264@gmail.com	BCLS	Passed
21	Khushboo Chaudhary	khushboochaudhary845@gmail.com	BCLS	Passed
22	Tarushi mishra	tarushim7@gmail.com	BCLS	Passed
23	Saloni singh	simmisingh9648668282@gmail.com	BCLS	Passed
24	Narendra kumar	kumarnarendra201516@gmail.com	BCLS	Passed
25	Mamta	mamtachauhan.1907@gmail.com	BCLS	Passed
26	Ashok Kumar pandey	pandeyashokkumar10@gmail.com	BCLS	Passed
27	Amita Singh	amitasingh.bird@gmail.com	BCLS	Passed
28	Kajal Sharma	kajalsharma7845@gmail.com	BCLS	Passed
29	Sarvesh Kumar Srivastav	sarveshsrivastav739089@gmail.com	BCLS	Passed
30	Krishna Chandra chaudhary	ckrishnachandra405@gmail.com	BCLS	Passed
31	Priya devi	Priyadixit.unnao123@gmail.com	BCLS	Passed
32	Ashutosh Kumar Singh	ashu45182@gmail.com	BCLS	Passed
33	Rita Devi	ritad161099@gmail.com	BCLS	Passed
34	Jyoti Chaudhary	jyotichaudhary0045@gmail.com	BCLS	Passed
35	Akhilesh kumar	ak7539249@gmail.com	BCLS	Passed
36	Jugunu ram	jugunuk1995@gmail.com	BCLS	Passed
37	Alka Verma	alkaa.verma2000@gmail.com	BCLS	Passed
38	Satya bhooshan singh	sb.singh8858@gmail.com	BCLS	Passed
39	Sanjay Kumar	sanjaybrh514@gmail.com	BCLS	Passed
40	Pooja devi	nishapooja109@gmail.com	BCLS	Passed

Dr Satish Verma
1-02-25
ADDITIONAL PROFESSOR
Deptt. of Anaesthesiology
K.G.'s Medical University, U.P.

Registrar
King George Medical University
Lucknow

Total candidates=40

Trained BCLS candidate list 30 July, 2023				
S No	Name	Email	Course	Result
1	Pragati Panday	Ppragati379@gmail.com	BCLS	Passed
2	Mohd Khalid	khalid.khan1990mohd@gmail.com	BCLS	Passed
3	Ankita Shukla	ankita.shukla350@gmail.com	BCLS	Passed
4	Fatima Hayat	fatimahayat359@gmail.com	BCLS	Passed
5	Himanshu	hk437619@gmail.com	BCLS	Passed
6	Anjali kumari	anjali987575@gmail.com	BCLS	Passed
7	ARUN KUMAR SHARMA	arunrmlims@gmail.com	BCLS	Passed
8	Alok pratap	4597alokpratap@gamil.com	BCLS	Passed
9	Punam Chauhan	pmchauhan531@gmail.com	BCLS	Passed
10	Shikha joshi	shikhanavya@33gmail.com	BCLS	Passed
11	Ankit singh	ankitpratap947@gmail.com	BCLS	Passed
12	Praveen kumar singh	679praveen@gmail.com	BCLS	Passed
13	Antima Yadav	antimayadav1201@gmail.com	BCLS	Passed
14	Komal Verma	komal250963@gmail.com	BCLS	Passed
15	Pooja pal	palp53732@gmail.com	BCLS	Passed
16	Nagma khan	n.k8090@gamil.com	BCLS	Passed
17	Shalini chaudhary	shalinichaudhary02071999@gmail.com	BCLS	Passed
18	Soni yadav	ysona7473@gmail.com	BCLS	Passed
19	Suneeta	suneetag456@gmail.com	BCLS	Passed
20	Preeti yadav	Preetisyadav757575@gmail.com	BCLS	Passed
21	PREM SHANKAR VISHWAKARMA	sprem2240@gmail.com	BCLS	Passed
22	SUNEELA	rajpootaru0786@gmail.com	BCLS	Passed
23	Jyotsana vishwas	jyotsnabishwas22233@gmail.com	BCLS	Passed
24	Pooja singh	poojathakur2400@gmail.com	BCLS	Passed
25	Priyanka ojha	priyankanurse8400@gmail.com	BCLS	Passed
26	Aman Gond	gondaman901@gmail.com	BCLS	Passed
27	Deependra Nath Shukla	gopal.sdr@gmail.com	BCLS	Passed
28	Renu Gupta	renugupta5762@gmail.com	BCLS	Passed
29	Neha rai	nrai00337@gmail.com	BCLS	Passed
30	Sapna Singh	mb97sapna@gmail.com	BCLS	Passed
31	Archana Yadav	ay8949495@gmail.com	BCLS	Passed
32	SATISH PAL	satishpal255@gmail.com	BCLS	Passed
33	ANKIT PATEL	an70713940@gmail.com	BCLS	Passed
34	Vimal kumar patel	patelwimal@gmail.com	BCLS	Passed
Total candidates=34				

Trained BCLS candidate list 6 August, 2023				
S No	Name	Email	Course	Result
1	Pawan Kumar Verma	pawanverma.ot@gmail.con	BCLS	Passed
2	Saba	saba.mirza27@gmail.com	BCLS	Passed
3	Aman Rai	aman67938@gmail.com	BCLS	Passed

Dr Satish Verma
1-10-25

Archana
Registrar
King George Medical University
Lucknow

4	Ashish kumar yadav	ashishyadavn92@gmail.com	BCLS	Passed
5	Nidhi Gupta	nidhigupta2592@gmail.com	BCLS	Passed
6	Amrita verma	vamrita420@gmail.com	BCLS	Passed
7	Mamta	mamtammm188@gmail.com	BCLS	Passed
8	Anuradha Pal	ankitofhrt220@gmail.com	BCLS	Passed
9	Shivani Pandey	shivanipandey00335@gmail.com	BCLS	Passed
10	Dileram pal	dileramsing87@gmail.com	BCLS	Passed
11	Suneel Kumar Kasaudhan	guptasuneel1996@gmail.com	BCLS	Passed
12	Anamika patel	panamika478@gmail.com	BCLS	Passed
13	Shivangi sharma	shivangisharma551656@gmail.com	BCLS	Passed
14	SHARIF ALI	sharif.ali470@gmail.com	BCLS	Passed
15	Prashant tiwari	pt25008@gmail.com	BCLS	Passed
16	Namish Kumar	namishtiwaribbk@gmail.com	BCLS	Passed
17	Najiya parveen	naziya.humaid@gmail.com	BCLS	Passed
18	Vinay Kumar	vinayetct68600@gmail.com	BCLS	Passed
19	Sarasvati devi	ankitkushwaha7289@gimal.c	BCLS	Passed
20	VINAY MISHRA	vinaymishra100777@gimal.com	BCLS	Passed
21	Savitri	savitrirao9414@gmail.com	BCLS	Passed
22	Akhilesh kumar pandey	akhilesh619110@gmal.com	BCLS	Passed
23	AJAY YADAV	ajay48249@gmail.com	BCLS	Passed
24	Shiv Kumar Chaudhary	shivkumarchaudhary9994@gmail.com	BCLS	Passed
25	Shinoy singh	shinoy88@gmail.com	BCLS	Passed
26	Namita Yadav	ynamita035@gmail.com	BCLS	Passed
27	Vijay Laxmi Gupta	laxmigupta2891@gmail.com	BCLS	Passed
28	Shashi sharma	sshashiisharma@gmail.com	BCLS	Passed
29	SHEELU PATEL	patelsheelu3@gmail.com	BCLS	Passed
30	Poonam baghel	baghelpoo16@gmail.com	BCLS	Passed
31	AMRESH SINGH	atreshsingh@gmail.com	BCLS	Passed
32	Divya mishra	divyamishra19195@gmail.com	BCLS	Passed
33	Anupama pathak	anupamapathak73791547@gmail.com	BCLS	Passed
34	Avani shukla	shuklaavani2@gmail.com	BCLS	Passed
35	Danish Ahmad Ansari	danish.ahmad12@gmail.com	BCLS	Passed
36	Radha	radhey7433@gmail.com	BCLS	Passed
37	Monika pandey	pandeykirti146@gmail.com	BCLS	Passed
38	Aaradhana tiwari	aradhanat090@gmail.com	BCLS	Passed
39	Shweta Rai	shwetarai201989@gmail.com	BCLS	Passed
40	Rajeshwari Gupta	guptarajeshwari41@gmail.com	BCLS	Passed
41	Damini pandey	daminipanday5@gmail.com	BCLS	Passed
Total candidates=41				

Satish Verma
PROFESSOR
Physiology
University, U.P.
226003

Registrar
King George Medical University
Lucknow

Essentials of Stapled and Hand-sewn bowel Anastomosis (ESHA) Course

Didactic lectures with Hands on Workshop

Date

Venue

Department of Surgery (General)
King George's Medical University UP
India 226003

Supported by
Covidien Healthcare India Ltd.

I. OBJECTIVES

By the end of this course participants should be able to…

1) Perform Hand-sewn anastomosis along with knowledge of its principles
2) Identify types of Gastrointestinal stapling devices and principles of their use.
3) Perform anatomic side-to-side (functional end-to-end) stapled anastomoses.
    a) colocolic
    b) enterocolic
    c) enteroenteric
4) Perform simulated end to end anastomoses with the circular stapler
    a) using double staple technique
    b) using distal handsewn pursestring

II. ASSUMPTIONS

Review principles of handsewn and mechanical sutures in operation on the alimentary tract as enclosed in the suggested readings.

III. SUGGESTED READING

Please read the enclosed reviews "Operations on the Small and Large Intestine," from Mastery of Surgery by Nyhus and Baker, 2nd edition.

Steichen, FM. Mechanical Sutures in Operations on the Alimentary tract. In Lloyd M. Nyhus and Robert J. Baker (eds). Mastery of Surgery. Boston/Toronto/London: Little, Brown, and Company, 1992. Pages 455-474.

Review surgical anatomy of the small and large intestine as enclosed in the suggested readings.

Healey, John E, Jr., M.D. and Joseph Hodges, M.D., Surgical Anatomy. Toronto / Philadelphia: B.C. Decker Inc., Publisher, 1990. Pages 190-197.

IV. DESCRIPTION OF LABORATORY MODULE

After a 15 minute overview, participants will rotate through the following two stations,

Station 1) enteroenterostomy: anatomic side-to-side and functional end to- end anastomosis.
a) colon-colon b) small bowel-small bowel c) small bowel-colon

Station 2) End to end anastomosis with circular stapler

a) using double staple technique b) using distal handsewn pursestring technique
Each station will take approximately 30 minutes.

V. DESCRIPTION OF TECHNIQUE/PROCEDURE

I. Anatomic Hand-sewn anastomosis.

Technique Of Hand Sewn Two Layered Bowel Anastomoses

1) The two bowel ends that are to be anastomosed are next to each other.

2) Two seromuscular corner sutures are placed 0.5 cm. from the cut edges, each is then tied and tagged with a straight clamp. The needle and suture is cut distal to the clamps.

3) Posterior (outer) interrupted layer: Interrupted (seromuscular) Lembert stitches are placed between the corner sutures, enter right bowel segment 0.5 cm. from the cut edge exit 0.1 cm. from the cut edge continue with same suture, enter left bowel segment enter 0.1 cm. tied (four knots). Place sutures approximately 0.5 cm apart. All but the two corner sutures are cut leaving a 0.3 cm tail and leaving the tied corner sutures tagged with clamps.

4) Posterior (inner) running layer: Starting in the middle of the posterior wall of the anastomosis, take a bite of the mucosa and submucosa and tie the suture to itself.

5) Start another suture next to it in the same manner. Each running suture goes towards each corner, in an over and over manner (0.5 cm below the cut edge and 0.5 cm. apart from each other) incorporating the mucosal and submucosal layers of each lumen to form the posterior inner layer of the anastomosis.

6) Anterior (inner) running layer: The running sutures are continued around the corners until the anterior wall is reached at each end. Continue the over and over stitch from each corner taking the mucosa and submucosa (0.5 cm below the cut edge and 0.5 cm. apart from each other) coming together anteriorly in the middle and tying the two ends (4 knots) after cutting the needles of each. Cut suture leaving 0.5 cm. long. After the inner layer of the anastomosis has been completed, the non crushing bowel clamps are removed (if used).

7) Anterior (outer) interrupted layer: · Anterior (seromuscular) Lembert sutures are placed. Enter the right bowel segment 0.5 cm away from cut edge, exiting 0.1 cm away from cut edge, continuing with the same suture to the left bowel segment. Enter the left bowel segment 0.1 cm away from bowel edge, exit 0.5 cm away from cut edge. Place the Lembert sutures 0.5 cm. apart. · Sutures are tied (4 knots) as they are placed · Once all sutures are placed and tied, they are cut 0.5 cm. distal to the knots

Technique Of Hand Sewn Single Layered Bowel Anastomoses

1) The two bowel ends that are to be anastomosed are next to each other.

2) Two seromuscular corner sutures are placed 0.5 cm. from the cut edges, each is then tied and tagged with a straight clamp. The needle and suture is cut distal to the clamps.

3) Anterior sero submucosal layer: Leaving the mucosa, the suture goes into the side (0.5 cm away) of the cut surface through the submucosa, circular and longitudinal muscularis layers and goes out to the bowel trough the serosa. It continues trespassing the wall of the serosa, muscularis layers and mucosa of the opposite side back into the opposite stump. The stitches are tied in the interior of the viscus, under the submucosa. The mucosa remains untouched.

Archana
Registrar
King George Medical University
Lucknow

4) Posterior sero submucosal layer: The sutures extend deeply enough to include the submucosa without penetrating the mucosa 0.5cm away from cut surface. The suture goes into the wall of the serous surface, through the serosa, muscularis and submucosa, out into the side of the cut surface between the mucosa and submucosa, back into the side of the cut surface of the opposite stump between the mucosa and submucosa, through the submucosa, muscularis and serosa, out through the serous surface wall. The stitches are tied on the exterior, under the serosa.

II. Anatomic side-to-side (functional end-to-end) anastomosis.

1) Circumferentially clear of fat from the intended areas of bowel division.
2) Resect intended lesion/area.
3) Align the antimesenteric borders, stapled ends together.
4) Place a crotch stitch 6-8 cm from the stapled ends just lateral to the antimesenteric border, taking care to rotate the antimesenteric borders toward one another.
5) Cut off antimesenteric corner of each staple line.
6) Insert one fork of GIA-type stapler into each limb.
7) Close stapler, taking care to align antimesenteric borders and exclude mesentery/adjacent tissues. Fire stapler smoothly, moving only the trigger and not the body of the stapler.
8) Remove the forks of the stapler. Inspect the staple line for bleeding.
9) Use allis clamps to close resultant enterotomy, ensuring that the staple lines just performed, are not in contact
10) Apply the TA-type stapler beneath the allis clamps and fire.
11) Excise excess tissue before removing TA stapler. Inspect staple line for adequacy of hemostasis.
12) Close mesenteric defect.

III. End-to-end anastomosis: simulated colorectal anastomosis.

1) Curcumferentially clear of fat, the intended aras of bowel division.
2) Either A) place automatic pursestring across proximal part of colon with straight bowel clamp just distal and divide colon sharply, or B) use GIA stapler to divide colon, excise proximal staple line, and place handsewn pursestring.
3) Use allis clamps to grasp edges of colotomy for anastomotic sizing.
4) Place chosen anvil into lumen and tie pursestring.
5) Place TA stapler across the point chosen for division of the rectum. Place angled Hayes clamps proximally for bowel control.
6) Fire TA stapler and sharply divide rectum. Remove specimen.
7) A) For double stapled technique, pass circular stapler per rectum to end of rectal stump. Advance spike completely.
B) For handsewn pursestring, excise TA staple line. Place handsewn pursestring at divided edge of rectum. Have assistant pass circular stapler per rectum, tie pursestring around spike shaft. Advance spike completely.
8) Place anvil on spike, close stapler, and fire.
9) Partially open stapler, gently disengage from anastomosis and remove. Inspect donuts for completeness.

Archana
Registrar
King George Medical University
Lucknow

Stapled and Hand-sewn GI Anastomosis – Course Module

I. OBJECTIVES

By the end of this course participants should be able to…

1) Perform Hand-sewn anastomosis along with knowledge of its principles
2) Identify types of Gastrointestinal stapling devices and principles of their use.
3) Perform anatomic side-to-side (functional end-to-end) stapled anastomoses.
    a) colocolic
    b) enterocolic
    c) enteroenteric
4) Perform simulated end to end anastomoses with the circular stapler
    a) using double staple technique
    b) using distal handsewn pursestring

II. ASSUMPTIONS

Review principles of handsewn and mechanical sutures in operation on the alimentary tract as enclosed in the suggested readings.

III. SUGGESTED READING

Please read the enclosed reviews "Operations on the Small and Large Intestine," from Mastery of Surgery by Nyhus and Baker, 2nd edition.

Steichen, FM. Mechanical Sutures in Operations on the Alimentary tract. In Lloyd M. Nyhus and Robert J. Baker (eds). Mastery of Surgery. Boston/Toronto/London: Little, Brown, and Company, 1992. Pages 455- 474.

Review surgical anatomy of the small and large intestine as enclosed in the suggested readings.

Healey, John E, Jr., M.D. and Joseph Hodges, M.D., Surgical Anatomy. Toronto / Philadelphia: B.C. Decker Inc., Publisher, 1990. Pages 190-197.

IV. DESCRIPTION OF LABORATORY MODULE

After a 15 minute overview, participants will rotate through the following two stations,

Station 1) enteroenterostomy: anatomic side-to-side and functional end to- end anastomosis.
a) colon-colon b) small bowel-small bowel c) small bowel-colon

Station 2) End to end anastomosis with circular stapler
a) using double staple technique b) using distal handsewn pursestring technique
Each station will take approximately 30 minutes.

V. DESCRIPTION OF TECHNIQUE/PROCEDURE

I. Anatomic Hand-sewn anastomosis.

II. Anatomic side-to-side (functional end-to-end) anastomosis.

1) Circumferentially clear of fat from the intended areas of bowel division.
2) Resect intended lesion/area.
3) Align the antimesenteric borders, stapled ends together.

4) Place a crotch stitch 6-8 cm from the stapled ends just lateral to the antimesenteric border, taking care to rotate the antimesenteric borders toward one another.
5) Cut off antimesenteric corner of each staple line.
6) Insert one fork of GIA-type stapler into each limb.
7) Close stapler, taking care to align antimesenteric borders and exclude mesentery/adjacent tissues. Fire stapler smoothly, moving only the trigger and not the body of the stapler.
8) Remove the forks of the stapler. Inspect the staple line for bleeding.
9) Use allis clamps to close resultant enterotomy, ensuring that the staple lines just performed, are not in contact
10) Apply the TA-type stapler beneath the allis clamps and fire.
11) Excise excess tissue before removing TA stapler. Inspect staple line for adequacy of hemostasis.
12) Close mesenteric defect.

III. End-to-end anastomosis: simulated colorectal anastomosis.
1) Curcumferentially clear of fat, the intended aras of bowel division.
2) Either A) place automatic pursestring across proximal part of colon with straight bowel clamp just distal and divide colon sharply, or B) use GIA stapler to divide colon, excise proximal staple line, and place handsewn pursestring.
3) Use allis clamps to grasp edges of colotomy for anastomotic sizing.
4) Place chosen anvil into lumen and tie pursestring.
5) Place TA stapler across the point chosen for division of the rectum. Place angled Hayes clamps proximally for bowel control.
6) Fire TA stapler and sharply divide rectum. Remove specimen.
7) A) For double stapled technique, pass circular stapler per rectum to end of rectal stump. Advance spike completely.
B) For handsewn pursestring, excise TA staple line. Place handsewn pursestring at divided edge of rectum. Have assistant pass circular stapler per rectum, tie pursestring around spike shaft. Advance spike completely.
8) Place anvil on spike, close stapler, and fire.
9) Partially open stapler, gently disengage from anastomosis and remove. Inspect donuts for completeness.

CERTIFICATE

This Certifies that

Dr. _____

Has successfully completed the training program requirement for

ESSENTIALS OF STAPLED AND HAND-SEWN ANASTOMOSES COURSE

conducted by Department of Surgery, King George's Medical University UP India

DATE	PROF ABHINAV A SONKAR HEAD OF SURGERY	PROF H S PAHWA

Registrar
King George Medical University
Lucknow

KGMU : Department of Surgery (General)

Basic Surgical Skill Course

Supported by Covidien

Difficulty Level: Foundation Course

Target: UG/PGY1

Time	Schedules Topics	Teaching Method
3 min	Introduction to the course, Defining Learning Outcomes	
9 am - 10 am	***Preteaching Questionnaire***	MCQs
	Prinicples of Asepsis and Anti sepsis, Hand Hygiene Technique	Lecture with Demonstration
	Gloving and Gowning: Ideal Methods of wearing and removal	Lecture with Demonstration
	Post-teaching Questionnaire	MCQs
10 am - 1 pm	Knotting and Suturing Module	
	Basic Knots: Introduction	Lecture
	Knot Security	Lecture with Demonstration
	General Priniciples of Knot tying	Lecture with Demonstration
	Square Knot: 2-hand and 1-hand technique	Lecture with Demonstration
	Surgeon's/Friction knot	Lecture with Demonstration
	Granny Knot	Lecture with Demonstration
	Deep tie	Lecture with Demonstration
	Ligation around Hemostatic Clamp	Lecture with Demonstration
	Instrument tie	Lecture with Demonstration
	Suturing Techniques:	
	Holding /Manipulation of needles	Lecture
	Interrupted sutures, continuous sutures, subcuticular sutures	Lecture
	Prinicples of Suture election and Suture Materials, Needles	Lecture
	Hands-on Training Session (with Faculty)	
	Lunch	
	Practice Session (without assistance)	free practice session
	Test Session (Post Lunch)	MCQs and Practical test (OSCE Pattern)

Registrar
King George Medical University
Lucknow

Certificate of Completion

Basic Surgical Skills Course

Dr. _____

Has Successfully Completed a Course on
basic techniques of Essential Surgical Skills
conducted by
Department of Surgery (General)
King George's Medical University UP
on _____.

After His/Her performance in the post course OSCE evaluation,
he/she is awarded following Clinical Competence
Novice/ Advanced Beginner/ Competent/ Proficient/ Expert

Course Faculty

Prof Abhinav A Sonkar
Head of Surgery (Gen) / Course Director

Prof Harvinder S Pahwa
PG Incharge, Dept of Surgery (Gen)

Prof Surender Kumar
Dept of Surgery (Gen)

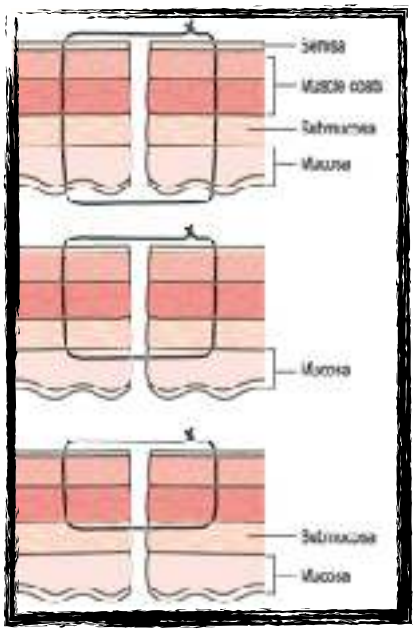
Dr Faraz Ahmad
Dept of Surgery (Gen)

Prof Awanish Kumar
Dept of Surgery (Gen)

Registrar
King George Medical University
Lucknow

Dr Akshay Anand
Dept of Surgery (Gen)

Dr Ajay K Pal
Dept of Surgery (Gen)



Essentials of Stapled and Hand-sewn bowel Anastomosis (ESHA) course

King George's Medical University UP
Department of Surgery (General)

Course Faculty

Prof Abhinav A Sonkar
Head of Surgery
Course Director

Prof H S Pahwa

Dr Awanish Kumar

Dr Faraz Ahmad

Dr Ajay Kr Pal

Dr Akshay Anand

Registrar
King George's Medical University
Lucknow

Notice Date : 05.02.2022

Skill lab Teaching of 2019 & 2020 Batch

Unit Wise Days Allotment

Skill lab teaching for 2019 & 2020 w.e.f. 21.02.2022

		2019 batch (6days/week)	2020 batch (5days/week)
S.No.	Day Allotted	Unit	Unit
1	Monday	3	3
2	Tuesday	6	6
3	Wednesday	1	1
4	Thursday	5	4&5
5	Friday	2	2
6	Saturday	4	----

All units are requested to ensure that all the skill in the attached list are demonstrated & taught to the students in the unit.

Email: vc@kgmcindia.edu

Archana
Registrar
King George Medical University
Lucknow

Notice Date : 05.02.2022

Skill lab Teaching of 2019 & 2020 Batch

Unit Wise Days Allotment

Skill lab teaching for 2019 & 2020 w.e.f. 21.02.2022

S.No.	Day Allotted	2019 batch (6days/week) Unit	2020 batch (5days/week) Unit
1	Monday	3	3
2	Tuesday	6	6
3	Wednesday	1	1
4	Thursday	5	4&5
5	Friday	2	2
6	Saturday	4	----

All units are requested to ensure that all the skill in the attached list are demonstrated & taught to the students in the unit.

Email: vc@kgmcindia.edu

Registrar
King George Medical University
Lucknow

Notice Date : 03.08.2022

Skill lab Teaching of P.G Students of 2022 Batch

Unit Wise Days Allotment

Skill lab teaching for 2022 w.e.f. 20.08.2022

		JR-1	JR-2	JR-3
S.No.	Day Allotted	Unit	Unit	Unit
1	Monday	6	6	6
2	Tuesday	4	4	4
3	Wednesday	1	1	1
4	Thursday	3	3	3
5	Friday	5	5	5
6	Saturday	2	2	2

All units are requested to ensure that all the skill in the attached list are demonstrated & taught to the students in the unit.

Email: vc@kgmcindia.edu

Registrar
King George Medical University
Lucknow

Phone : 220

King George's Medical University
Department of Obstetrics & Gynaecology
Lucknow - 226 003

Ref. No. : OG/ 3431/22 Dated 7/12/22

NOTICE

Skill Lab Teaching Schedule
2019'B' Batch

Timing - 11.30 – 1PM

Venue: Skill Lab, Scientific Convention Center, 2nd Floor, KGMU, U.P., Lucknow

Sl. No.	Date	Topic	Faculty
1	12/12/22(Monday)	Ante Natal Examination	Dr. Vandana Solanki
2	20/12/22(Tuesday)	Conduct of Normal Delivery	Prof. P.L. Sankhwar

Copy to:

- Skill Lab, Scientific Convention Center, 2nd Floor, KGMU U.P., Lucknow
- Notice Board , QMH

UG Teaching Incharge/ Co- incharge 8/12

(Prof. S.P. Jaiswar)
Head of the Department

Email: vc@kgmcindia.edu

Registrar
King George Medical University
Lucknow

Phone : 2257742

King George's Medical University
Department of Obstetrics & Gynaecology
Lucknow - 226 003

Ref. No. : OG/ 3330/22. Dated 28/11/22

NOTICE

2018 "D" batch Demonstration class will be held in Skill Lab Scientific Convention Centre 2nd floor on 29/11/22 from 12:00 noon to 2:00 PM.

Topic: Antenatal Examination.

Following faculty members are requested to take it.
Prof .Amita Pandey / Dr. Monica Agrawal

28/11/22
Dr. Monica Agrawal
UG Teaching /Co-Incharge

(Prof. S.P. Jaiswar)
Head of the Department

Email: vc@kgmcindia.edu

Archana
Registrar
King George Medical University
Lucknow

Phone : 2257742

King George's Medical University

Department of Obstetrics & Gynaecology
Lucknow - 226 003

Ref. No. : OG/ 3277/22 Dated 19/11/22

NOTICE

2018 "D" batch Demonstration class will be held in Skill Lab in Scientific Convention Centre 2nd floor on 21/11/22 from 12:00 noon to 2:00 PM.

Topic: Mechanism of Normal Labour.

Following faculty members are requested to take it.
Prof .Renu Singh
Dr. Vandana Solanki

Dr. Monica Agrawal
UG Teaching /Co-Incharge

(Prof. S.P. Jaiswar)
Head of the Department

Registrar
King George Medical University
Lucknow

Email: vc@kgmcindia.edu

DEPARTMENT OF OBSTETRICS & GYNAEOLOGY
KING GEORGE MEDICAL UNIVERSITY LUCKNOW

Schedule of Skill lab

MBBS Batch-2020 Phase-3.2

Time-12:00 am to 1:00 pm

S.no	Day	Topics
1.	Monday	• Antenatal Examination • Antenatal Care • Per speculum/Per Vaginal Examination • PAP Smear • Infection Prevention • Urinary Catherization
2.	Tuesday	• Fetal Skull • Pelvic Assessment • Mechanism of normal labor • Conduct of Normal Delivery • AMTSL
3.	Wednesday	• Breech Delivery • External cephalic version • Management of Anemia (Role of Injectable I.V.) • Management of PPH • Management of Eclampsia
4.	Thursday	• Forceps Delivery • Ventouse Delivery • Episiotomy Repair • Cervical tear Repair • Management of Shoulder Dystocia
5.	Friday	• Interval IUCD Insertion • PPIUCD Insertion • MVA instrument & techniques • Temporary Methods of Contraception's • Correct way of Breastfeeding

Monica Agarwal 20/05/24

(Dr. Monica Agarwal)

UG Teaching Incharge

Anjoo 20/5/24

(Prof. Anjoo Agarwal)

Head of the department

Email: vc@kgmcindia.edu

Archana
Registrar
King George Medical University
Lucknow

DEPARTMENT OF OBSTETRICS & GYNAEOLOGY
KING GEORGE MEDICAL UNIVERSITY LUCKNOW

Schedule of Skill lab

MBBS Batch-2018

Time-12:00 am to 1:00 pm

S.no	Day	Topics
1.	Monday	• Antenatal Examination • Antenatal Care • Per speculum/Per Vaginal Examination • PAP Smear • Infection Prevention • Urinary Catherization
2.	Tuesday	• Fetal Skull • Pelvic Assessment • Mechanism of normal labor • Conduct of Normal Delivery • AMTSL
3.	Wednesday	• Breech Delivery • External cephalic version • Management of Anemia (Role of Injectable I.V.) • Management of PPH • Management of Eclampsia
4.	Thursday	• Forceps Delivery • Ventouse Delivery • Episiotomy Repair • Cervical tear Repair • Management of Shoulder Dystocia
5.	Friday	• Interval IUCD Insertion • PPIUCD Insertion • MVA instrument & techniques • Temporary Methods of Contraception's • Correct way of Breastfeeding

Dr. Monica Agrawal 27/08/22

Dr. Monica Agrwal

UG Teaching Incharge

Seema 27/08/22

Dr. Seema Mehrotra

Skill Lab Incharge

Email: vc@kgmcindia.edu

Archana
Registrar
King George Medical University
Lucknow

DEPARTMENT OF OBSTETRICS & GYNAEOLOGY
KING GEORGE MEDICAL UNIVERSITY LUCKNOW

Schedule of Skill lab

MBBS Batch 2019

Time-12:00 am to 1:00 pm

S.no	Day	Topics
1.	Monday	• Antenatal Examination • Antenatal Care • Urinary Catherization • Fetal Skull • Pelvic Assessment
2.	Tuesday	• Mechanism of normal labor • Conduct of Normal Delivery • AMTSL Per speculum/Per Vaginal Examination • PAP Smear • Infection Prevention
3.	Wednesday	• Management of Anemia (Role of Injectable I.V.) • Management of PPH • Management of Eclampsia • Episiotomy Repair • Cervical tear Repair
4.	Thursday	• Forceps Delivery • Ventouse Delivery • Management of Shoulder Dystocia • Breech Delivery • External cephalic version
5.	Friday	• Interval IUCD Insertion • PPIUCD Insertion • MVA instrument & techniques • Temporary Methods of Contraception's • Correct way of Breastfeeding

Monica Agrwal 27/04/23

Dr. Monica Agrwal

UG Teaching Incharge

Dr. Seema Mehrotra 27/4/23

Skill Lab Incharge

Email: vc@kgmcindia.edu

Archana
Registrar
King George Medical University
Lucknow

Phone : 2257742

किंग जार्ज चिकित्सा विश्वविद्यालय

प्रसूति एवं स्त्री रोग विभाग

लखनऊ – 226003

पत्रांक ...OU/1395/24..... दिनांक ...30/5/24...

Notice

This is to inform you all that MBBS Undergraduate Clinical/Demonstration Teaching classes is scheduled to be held as follows: -

Batch	Day	Time	Place
2020 Phase 3.2	Tuesday	12:00 pm – 1PM	Skill Lab
2021 Phase 3.1	Thursday	11:30 am – 1pm	Skill Lab

*The faculty member can use skill lab models for teaching purpose (in front of skill lab room).

*All the students are directed to mark your attendance in attendance register under suprvision of sister incharge Skill lab.

30/5/24

(Dr. Monica Agrawal)
UG Teaching co-incharge

30/5/24

(Prof. Anjoo Agarwal)
Head of the Department.

Registrar
King George Medical University
Lucknow