

ANNUAL REPORT – Jan 2020- Dec 2020

Department of Anesthesiology, LHMC & Associated Hospitals

1. Faculty

Dir. Prof. & Head	Dr. Maitree Pandey	M.D.
	Dr. Aruna Jain	M. D.
	Dr. Usha Saha	M. D.
	Dr. Ajai Kumar	M. D.
	Dr. Sunil K Sinha	M.D.
	Dr. Radhika B Aggarwala	M. D.
	Dr. Pramod Kohli	M.D.
	Dr. Ranju Singh	M.D.
Professors	Dr. Anshu Gupta	M.D.
	Dr. Nitin Hayaran	M.D.
	Dr. Nishant Kumar	DA, DNB

Associate Professors

Dr. Garima Aggarwal	M.D.
Dr. Anshu Gupta	M.D.
Dr. Upma Bhatia	M.D.
Dr. Anil Kumar	M.D.
Dr. Raksha Kundal	M.D.
Dr. Vidhi Chandra	M.D.
Dr. Preeti Goyal Varshney	M.D.

Research projects (Non funded)

Protocols submitted for thesis work to be done

S. No.	Name of Investigator	Co-Investigators	Title of Project
1.	Dr. Raksha Kundal	Dr. Vishal Kant Dr. Ranju Singh Dr. Maitree Pandey Dr. Yogesh K Sarin	Perioperative course of Covid-19 paediatric patients undergoing emergency surgeries
2.	Dr. Kriti Puri	Dr. Kriti Puri Dr. Raksha Kundal Dr. Garima Aggarwal Dr. Ranju Singh Dr. Maitree Pandey	A prospective Randomized Controlled Study To Compare Oropharyngeal Leak pressure in I-Gel versus LMA Supreme in Children in Lateral Position under General Anesthesia

Thesis submitted to the University of Delhi (Non Funded)

S. No	Funding Agency	Name of the Project	Principal Investigator	Faculty & Staff Involved
1	Dr. Neha Verma	Dr. Ajai Kumar	Dr. Nishant Kumar, Dr. Smita Tripathi	A Comparative study to evaluate I/V Fentanyl along with Dexmedetomidine, Magnesium sulphate or saline on stress Hormone Response to endotracheal intubation.
2	Dr. Ravi Kumar	Dr. Usha Saha	Dr. Radhika Agarwala Dr. Anju Jain	Postoperative Pulmonary Function Tests and its Correlation with Postoperative serum Magnesium levels in adult patients undergoing elective Surgeries under general anaesthesia
3	Dr. Vishal Arora	Dr. Sunil Kumar Sinha	Dr. Nitin Hayaran	A Comparative study to Assess the postoperative Analgesic Efficacy of Proximal Versus Distal Approaches of Ultrasound guided continuous Adductor canal block Following total knee Arthroplasty.
4	Dr. Neethu P.P	Dr. Radhika Agarwala	Dr. Usha Saha	Correlation of Post – Operative alteration in pulmonary function Tests with Body mass index in patients undergoing Elective surgeries under General Anaesthesia.
5	Dr. Saloni	Dr. Pramod Kohli	Dr. Maitree Pandey	Assessment of predictors of difficult airway in patients with diabetes mellitus posted for surgery under general Anaesthesia.
6	Dr. Mareena Thomas	Dr. Maitree Pandey	Dr. Pramod Kohli	Study of Perioperative Modified Early Obstetric Warning Scores Among Pregnancy Induced Hypertensive Patients Posted For Caesarean Deliveries
7	Dr. Ruby	Dr. Ranju Singh	Dr. Aruna Jain	A comparative study to evaluate Intrathecal isobaric Ropivacaine with Hyperbaric bupivacaine for caesarean delivery in patients of pregnancy induced

				hypertension
8	Dr. Sanjana Mohan	Dr. Anshu Gupta	Dr. Maitree Pandey	Study of the predictors of difficult airway in children aged 3-15 years posted for surgery under general anaesthesia.
9	Dr. Lalmunanzeli	Dr. Nitin Hayaran	Dr. Sunil Kumar Sinha	A comparative study to Evaluate the postoperative analgesic Efficacy of Erector spinae plane Block versus Thoracic Paravertebral block in patients following modified Radical Mastectomy.
10	Dr. N. Eashwar	Dr. Nishant Kumar	Dr. Aruna Jain.	A study of relationship between bispectral index values and age adjusted minimum alveolar concentration during the maintenance phase of general anaesthesia in elective pediatric surgery.

Organizing Training Course/ Conferences/ Symposia/ Seminars/ Workshops/ CMEs

S. No.	Faculty member	Organiser (s)	Name, Venue, Date
1.	Dr. Maitree Pandey	Dept. of Anaesthesia	ISA clinical meet, LHMC Sept 2020
2.	Dr. Maitree Pandey Dr. Ranju Singh Dr. Anshu Gupta (Prof) Dr. Nitin Hayaran Dr. Anshu Gupta (Asso. Prof)	Dept. of Anaesthesia	ISA Webinar LHMC Sept 2020
3.	Dr. Maitree Dr. Ranju Dr. Anshu Gupta (Prof) Dr. Anshu Gupta (Asso. Prof)	Dept. of Anaesthesia	BLS training programme every 15 days
4.	Dr. Maitree Pandey Dr. Nishant Dr. Preeti	Dr. Maitree Pandey	Prehospital Trauma Technician Course
5.	All Faculty	Dr. Maitree Pandey/Dr. Pramod Kohli	MD Anesthesia Mock exam Dec 2020
6.	All Faculty	Dr. Maitree	Online Lecture and offline workshop on Mechanical ventilation in June 2020

Publications

1. **Singh Ranju**, Kaur Manpreet. Thyroid storm: Does dexmedetomidine have a role? Indian J Anaesth 2020; 64: 716-7.
2. **Singh Ranju**, Jain Aruna – Perioperative Anaphylaxis – Have we seen it all? Indian J Anaesth 2020; 64: 209-210.
3. Malhotra R, Kumar N*, Jain A. Cost identification analysis of general anaesthesia. J Anaesth Clin Pharmacol 2020;36;219-26
4. Kumar N. Bioethics: Principles, issues and cases. Anesth Analg 2020;130: e144-5.
5. Bajwa SJS, Kumar N, Mehdiratta L. The ten essential ‘T’s’ imparting impetus to research in anaesthesiology. Ind J Anaesth 2020; 64:551-5.

National & International Conferences / Symposia / Seminars /Workshops / CMEs attended by Faculty Members

S No	Faculty Member	Role	Topic	Organizer/ name	Venue	Date
1	Dr. Maitree Pandey	Faculty workstation were managed	Workshop on “Airway in Lung Isolation” during AIRWAY”	AMF	Hotel Holiday Inn, Aerocity, Delhi	Feb 2020
		Organiser, Faculty ISA webinar	Lecture Topic: Role of early warning scores for prediction of outcome in obstetrics	L.H.M.C & ISA Delhi	L.H.M.C	18.09.2020
		Organiser, Faculty ISA clinical meeting	ISA Clinical Meeting	L.H.M.C & ISA Delhi	L.H.M.C	11.09.2020
		Expert for Asst. Proff. Selection	Contractual AP selection	RMLH	RMLH	June 2020
		Expert for Asst. Proff. Selection	Contractual AP selection	L.H.M.C	L.H.M.C	Jan 2020
		Author for	Phenotype in acute	JPH	_____	2020

		chapter in book	respiratory distress in critical care update 2020, publisher JPH			
		Organiser, Faculty	Workshop on “Mechanical ventilation”	L.H.M.C	L.H.M.C	June 2020
	Dr. Ranju Singh	Convener & Organizer of BLS & Medical emergencies session for international UG students	“East Asian Medical Students Conference” organized at LHMC	Medicus Conventus, LHMC	Medicus Conventus, LHMC	6th Jan 2020
		Inspector for DNB Anaesthesiology course	Ruby Hospital	National Board of Examination	National Board of Examination, Kolkata	7th Jan 2020
		Lecture on “Pediatric Difficult Airway – Don’t Lose The Way”	NZISACON	North Zone ISA	N Amritsar North Zone ISA ,	9th Feb 2020
		Coordinator of specialty workshop – Airway & The ICU	AIRWAY 2020	Airway Management Foundation (AMF)	hotel Holiday Inn in Aerocity	22nd & 23rd Feb 2020
		Coordinator of the CME proceedings	AIRWAY 2020, at hotel Holiday Inn in Aerocity on	Airway Management Foundation (AMF)	hotel Holiday Inn in Aerocity	22nd & 23rd Feb 2020
		Lecture on “Anticipated Difficult Airway – Always Awake?”	AIRWAY 2020, at hotel Holiday Inn in Aerocity on	Airway Management Foundation (AMF)	hotel Holiday Inn in Aerocity	22nd & 23rd Feb 2020
		Panelist in a panel discussion on “Prehabilitation & Anaesthesia”	CME at HIMSR, Delhi on	Dept of Anaesthesia HIMSR, New Delhi	Dept of Anaesthesia HIMSR, New Delhi	29th Feb 2020

		Made a presentation on “Anaesthetic Management of Covid Positive Parturients for Caesarean Delivery” – Our Experience	MoHFW, in a meeting chaired by the DG.	MoHFW, in a meeting chaired by the DG.	Meeting at Nirman Bhavan.	15th July 2020,
		External subject expert for interview board for Assistant professors	ESI, Faridabad	ESI, Faridabad	ESI, Faridabad	24th July 2020
		Panelist in a webinar on mental health issues, titled “Sab Badhiya”	Webinar	Medicus Conventus, LHMC	Medicus Conventus, LHMC	21st July 2020
		Lecture on “Myths and Facts about Anaesthesia in Neonates	Webinar	Delhi chapter of IAPA.	Delhi chapter of IAPA.	15th August 2020
		External subject expert for interview board for Assistant professors	ESI, Faridabad	ESI, Faridabad	ESI, Faridabad	28th August 2020
		Chief organized for a hands-on workshop for PG students on Regional Anaesthesia	Seminar room, Dept Of Anaesthesia, LHMC	Dept of Anaesthesia. LHMC	Dept of Anaesthesia. LHMC	5th September 2020
		Lecture on	Webinar	National Board of	National Board	9th September

		“Bronchoscopic Removal of Foreign Body in Children: Perioperative Challenges” for DNB Anesthesiology students		Examination	of Examination	2020
		Moderated a presentation titled “Anaesthetic Management of Covid Positive Parturients for Caesarean Delivery” – A comparison with Non Covid Parturients” in the monthly meet of Delhi chapter of ISA	Webinar,	Dept Of Anaesthesia, LHMC under ISA Delhi Chapter	Dept Of Anaesthesia, LHMC under ISA Delhi Chapter	11th September 2020
		Moderated a presentation titled “Epidermolysis Bullosa – Tread Carefully” in the monthly meet of Delhi chapter of ISA	Webinar,	Dept Of Anaesthesia, LHMC under ISA Delhi Chapter	Dept Of Anaesthesia, LHMC under ISA Delhi Chapter	11th September 2020
		Lecture on “Anaesthetic	Webinar	Dept of Anaesthesia,	Dept of Anaesthesia,	18th September 2020

		c Managemen t of PIH Patients for LSCS”		LHMC for the Delhi chapter of ISA.	LHMC for the Delhi chapter of ISA.	
		Lecture on “When an Anaesthesio logist Encounters A Pregnant Patient with Trauma on 3rd October 2020, organized by SGRH for the ISA Annual Conference 2020	Webinar	SGRH for the ISA Annual Conference 2020	SGRH for the ISA Annual Conference 2020	3rd October 2020
		External subject expert for interview board for Assistant professors	ESI, Faridabad	ESI, Faridabad	ESI, Faridabad	28th October 2020
		Lecture on “Systems of Care” at hands on workshop for nursing officers	Auditorium, RGSSH, Delhi	DSRUD at RGSSH, Tahirpur, Delhi.	DSRUD at RGSSH, Tahirpur, Delhi.	9th of November 2020
	Dr. Anshu Gupta Professor					
		Faculty, Organiser,	Webinar on “ Covid 19 n obstretic patients”	L.H.M.C & ISA Delhi	L.H.M.C	18.09.2020
		Faculty, Organiser, ISA	ISA clinical Meeting	L.H.M.C & ISA Delhi	L.H.M.C	11.09.2020

		Delegate	ISA CON Delhi Virtual	Department of Anesthesiology and Pain medicine Sir Ganga Ram hospital New Delhi	Virtual	2-4 October 2020
	Dr. Nitin Hayaran Professor	Faculty	ISSPCON 2020	The National Conference of Indian Society for Study of Pain scheduled at Hyatt Regency	Ahmedabad	7-9th February,2020
		Member of Central Team from MoHFW (GoI)	2nd Inspection of Skill Centre at Goa Medical College	MoHFW	Goa	9th January 2020
		Multidisciplinary central team	Multidisciplinary central team	Multidisciplinary central team	Rajasthan	April 2020
		Part Of Selection Panel for Faculty Anaesthesia	Uttarakhand Medical Services Selection Board	Uttarakhand Medical Services Selection Board	Dehradun, Uttarakhand	
		Judge for DR. K. P. CHANSORIYA AND LATE DR. T. N. JHA AWARD PAPER	Judge for DR. K. P. CHANSORIYA AND LATE DR. T. N. JHA AWARD PAPER	ISAWEBCON REWA	Rewa	
		Faculty for workshop	Workshop managed in IPSA 2020	IPSA 2020	Delhi	Feb 2020
		Faculty, Organiser,	Webinar on Topic “Critical care issues: Hypertensive disorders of Pregnancy ”	L.H.M.C & ISA Delhi	L.H.M.C	18.09.2020
		Faculty, Organiser, ISA	ISA clinical Meeting	L.H.M.C & ISA Delhi	L.H.M.C	11.09.2020

Dr. Nishant Kumar Professor	Convener & Organizer of BLS & Medical emergencies session for international UG students	Medicus Conventus, LHMC	“East Asian Medical Students Conference” organized at LHMC, on 6th Jan 2020	Convener & Organizer of BLS & Medical emergencies session for international UG students	Medicus Conventus, LHMC
	Delegate	Best Anaesthesia and peri-operative research in the last year	Association of Anaesthetists, UK	Online	Sept 2020
	Delegate	Monitoring the brain in adults	Association of Anaesthetists, UK	Online	Sept. 2020
	Delegate	Focussed trans thoracic echocardiography for anaesthetist	Association of Anaesthetists, UK	Online	Oct 2020
	Delegate	Add on Legal Literacy Course	Delhi legal services	Online	Sept 2020
	Organiser, ISA webinar on Obstetrics	Organised and compered	L.H.M.C & ISA Delhi	L.H.M.C	18.09.2020
	Organiser, Faculty ISA clinical meeting	ISA Clinical Meeting: Unusual complications of PIH	L.H.M.C & ISA Delhi	L.H.M.C	11.09.2020
	Faculty, Speaker	Panel Discussion on AKI in perioperative period	ISACON Delhi	Online	Oct. 2020
	Guided paper presentations	1. A study of relationship between bispectral index values and age adjusted minimum alveolar concentration during the maintenance phase of general anaesthesia in elective pediatric surgery. 2. A Comparative study to evaluate I/V Fentanyl along with Dexmedetomidine, Magnesium	ISACON Delhi	Online	Oct. 2020

			sulphate or saline on stress Hormone Response to endotracheal intubation.			
		Faculty for workshop – Airway & The ICU: Managed station on percutaneous tracheostomy	Airway Management Foundation (AMF)	AIRWAY 2020, at hotel Holiday Inn in Aerocity on 22nd & 23rd Feb 2020	AMF, Delhi	Feb 2020
		Faculty, speaker	Oxygen Therapy in COVID 19	ISA Delhi chapter	Online	July, 2020
		Delegate	Conference	ISCCM	Online	Oct 2020
	Dr. Anshu Gupta Associate Professor	Faculty, Organiser, managed workstations	Workshop on “Airway in Lung Isolation” during AIRWAY”	AMF	Hotel Holiday Inn, Aerocity, Delhi	17.02.2020
		Faculty, Organiser, ISA Executive member	Webinar on “Hypertensive Disorders of Pregnancy” Lecture Topic: Role of Ultrasound in Hypertensive Disorders of Pregnancy”	L.H.M.C & ISA Delhi	L.H.M.C	18.09.2020
		Faculty, Organiser, ISA Executive Member: Conducted Quiz	ISA clinical Meeting	L.H.M.C & ISA Delhi	L.H.M.C	11.09.2020
		Delegate	ISA CON Delhi Virtual	Department of Anesthesiology and Pain medicine Sir Ganga Ram hospital New Delhi	Virtual	2-4 October 2020
	Dr. Upma Bhatia Batra Associate Professor	Station managed 22nd Feb Upper limb	10th Interventional Perioperative Sonography Workshop and	Dept of Anaesthesiology and Pain Management	Superspeciality Hospital Saket, New Delhi.	22.02.20 – 23.02.2020

		<p>Blocks: Above the clavicle (Supraclavicular, interscalene) and stellate ganglion blocks. 23rd Feb Thoracic, Breast and Abdominal surgeries - Blocks on the ventral surface: Pec 1&2, SAP, TAP and Rectus sheath blocks</p>	<p>Conference conducted by the Interventional Perioperative Sonography Association (IPSA) 22nd & 23rd Feb 2020 New Delhi. MAX Superspeciality Hospital Saket, New Delhi.</p>			
		Delegate	ISA CON Delhi Virtual	Department of Anesthesiology and Pain medicine Sir Ganga Ram hospital New Delhi	Virtual	2-4 October 2020
	Dr. Raksha Kundal Associate Professor	Delegate	Ganga Anesthesia Refresher Course 2020/Online Conference	Ganga Medical center and Hospital, Coimbatore	Coimbatore	

Special achievements of staff e.g.

Representation on Expert bodies/Committees:

1. Expert for selection of Assistant Professor at greater institute of medical sciences, NOIDA
2. Internal examiner for MD Anesthesia for Delhi University 2019
3. Chairman condemnation committee: conducted removal of condemned wash linen, furniture, equipment in hospital and campus.
4. Chairman Hospital grievance committee
5. Co-chairperson of Kayakalp LHMC
6. Planned and supervised the development of following area in SSKH
7. New B-wing and A wing in Main OT complex
8. Installation of Air compressor and Air vacuum plant in double in new self-designed and supervised 15x18 feet hall
9. Lounge and 5 cabins for Anaesthesia faculty
10. New changing rooms and hall in OT
11. New doctors lounge in Main OT
12. New Nursing station in Main OT
13. Post op recovery room with 4 beds
14. Modern pain therapy center with 2 beds
15. Superspeciality OT
16. Addition of new Orthopedic OT Table in COT
17. Course co-ordinator for PTT Course by MoHFW
18. Member of the rapid response team formed by MoHFW for preparedness of COVID 19 for the states (4 faculty)
19. Member of the LaQshya committee
20. Member of the general purchase committee for KSCH
21. As an expert for evaluation of invasive and non-invasive ventilators for COVID 19 pandemic in MOHFW
22. First prize in Hindi essay writing competition held during Hindi pakhwara in September 2020 (Dr. Preeti Goyal Varshney)