

CURRICULUM VITAE

- 1. Name :** Dr. H.L. Kaul
- 2. Date and Place of birth:** 27th March, 1942
Srinagar, Kashmir
- 3. Address :**
- (a) Present :** C – 168,
KENDRIYA VIHAR
SECTOR-51,
NOIDA, 201 307 (U.P)
- Mobile: 9810754347
- E-Mail: kaulhiralal@hotmail.com
- (b) Permanent :** Same as above
- 4. Last position held:**
- Prof. and Head
Deptt. of Anaesthesiology & Intensive Care.
All India Institute of Medical
Sciences, New - Delhi.
- 5. Family:**
- Wife:** Dr. Ratna Kaul, B.D.S
Dental Surgeon (Retired)
- Son:** Rakesh Kaul
Age: 35 Years, Married
Quality Control Manager,
In a Pharmaceutical Co.
Ahmedabad, India
- Daughter:** Dr. Renuka Kaul Raina
Age: 32 Years, Married
Ph. D, Molecular Biology
Toronto, Canada



undergraduate medical students who have mandatory posting of two weeks each at 6/7 semester and during Internship (after passing the final graduate examination).

The Department also runs in-service training programmes for nurses and technicians both in the operation theatres as well as ICU.

- (c) Organization, conduct and evaluation of Research activities: These include research as part of the postgraduate teaching (Thesis) as well as intra- and extra-mural research projects funded by the Institute or national or international funding agencies.
- (d) Policy Planning, Equipment acquisition and up-gradation: Our Department is probably the best equipped service in the country with facilities matching with the best in the world.
- (e) Organization of Workshops, Symposia and CME programmes as part of the on-going academic activities of the Department.

May 1987:	(A.I.I.M.S):	Prof. Anaesthesiology, A.I.I.M.S
Jan. 1983 – May,1987	(A.I.I.M.S):	Additional . Professor. (re-designated) Functions: Clinical Work, Research, Teaching, Administrative: Postgraduate Teaching Programme; Store purchase
June 1974 - Jan. 1983	(A.I.I.M.S):	Associate Prof.: (Redisgnated): Functions as above. + Started supervising thesis work of postgraduate students independently.
Sept. 1971 – June 1974	(A.I.I.M.S):	Lecturer Anaesthesiology (Redesignated as Asst. Prof.) Functions: Clinical Work, research and teaching at Postgraduate & undergraduate level.
Feb. 1971 - Sept. 1971	:	Registrar / Medical Officer Anaesthesiology, Govt. Medical College, Srinagar : Clinical work and Teaching.

Visits & Fellowships outside India:

Commonwealth Medical Fellowship: (1976 - 1977)	Paediatric anaesthesia and Intensive Care: University of Sheffield Medical School, Sheffield. (U.K.)
Association of Anaesthetist of Great Britain and Ireland Travelling Fellowship (Feb. 1977).	Intensive Care: Hospital Raymond Poincare, Garche, France.
INSA - Royal Society	Intensive Care; University of

Fellowship (Sept - Oct. 1988)	Glasgow, Queen's University of Belfast, N. Ireland and University of Sheffield. (U.K.)
British Council Fellowship: (May - June 1990)	Medical Education Technology at Institute of Educational Technology, Dundee. U.K.
Hague, The Netherlands May, 1992	Invited speaker at the 10 th World Congress of Anaesthesiology
Colombo, Srilanka Sept., 1995	Invited speaker at the 2 nd Congress of SACA
Sydney, Australia June 1996	Invited speaker at the 11 th World Congress of Anaesthesiologists
Royal Victoria Hospital, Belfast June, 1997	Invitee at the Bicentennial celebrations of the Royal Victoria Hospital
Kuala Lumpur, Malaysia 24-27 April, 1997	Guest Speaker: 4 th Biennial Congress of AOSRA
Karachi, Pakistan Dec 1997	Invited speaker of the 3 rd Congress of the South Asian Confederation of Anaesthesiology
Kyoto, Japan Feb. 1998	Invited speaker at the First Congress of Asian & Oceanic Society for Intravenous Anaesthesia
Taipei, Taiwan May, 1998	Special invitee at the 10 th Asian Congress of Anaesthesiologist
Kuala Lumpur, Malaysia July 1999	Invited Speaker at the 11 th ASEAN Congress of Anaesthesiologists.
Dharan, Nepal Feb., 2000	Invited expert for setting up the Department and also developing the postgraduate curriculum: 1995-96 Invited faculty at the International Conference on Pain
Montreal, Canada June, 2000	Invited speaker/Guest Faculty at the 12 th World Congress of Anaesthesiologist
Seoul, Korea (Oct. 2001)	invited speaker at the 6 th Biennial Congress of Asian & oceanic Society of Regional Anaesthesia Pain Medicine
Kuwait (1994 till 2002):	Invited as short term Visiting Consultant For periods varying from 4-6 weeks each year Functions include teaching training and clinical Work – paediatric anaesthesia and Intensive Care

Bangkok, Thailand :
Sept. 2003

Invited As President of the Asian and Oceanic
Society of Regional Anaesthesia – Pain
Medicine,

8. (i) Professional Achievements :

- a) Member Committee of Quality Assurance under the World Federation of Society of Anaesthesiologists, (1992-2000)
- b) Started the use of Nitric oxide in the treatment of Adult respiratory distress syndrome for the first time in India. Our ICU is the only one in India offering this treatment modality to patients of ARDS since 1997.
- c) Selected as Advisor to Armed Forces Medical Services 1997- 1999.
- d) Elected President Research Society of Anaesthesiology Clinical Pharmacology in Oct. 1999.
- e) Elected Member Board of Directors of the AOSRA during its Biennial Congress in Manila, Philippines, 1995 and Director Scientific Affairs of AOSRA during its Congress in Kuala Lumpur, Malaysia in 1997
- f) Invited as special invitee to DAK-99 The Annual Conference of German Society of Anaesthesiologists at Frankfurt (June, 1999)
- g) Elected President elect. Of the Asian and Oceanic Society of Regional Anaesthesia (1999 - 2001) and President (2001 - 2003).
- h) Member Committee Ethics, 12th World Congress of Anaesthesiologist (Montreal, 2000)
- i) Co-organizer, The 1st World Congress of Regional Anaesthesia & Pain Medicine – Barcelona, (May-June, 2002)
- j) Member Board of studies of :
 - 1. Benaras Hindu University
 - 2. Aligarh Muslim university
- k) Member Academic committee, University of Jammu
- l) Awarded the Claris Oration & Life time achievement award at the International Congress of the Critical Care Medicine held in New Delhi from Feb. 13-16th, 2002.
- m) Awarded the Fellowship of the Royal College of Anaesthetists, London, England for contributions in Academic anaesthesia and Teaching and Training of Anaesthesiologists: Jan. 2004. The award was conferred during a ceremony held at the Royal College of Anaesthetists, London, on 16th June, 2004.

8. (ii) Research Contributions:

1. Comparative evaluation of ether and halothane in a completely closed circuit anaesthesia systems: A.I.I.M.S. Research Grant: (1980 - 82).
2. Tissue toxicity reactions to endotracheal tubes materials: Comparison of an indigenous endotracheal tubes with an implantation tested imported tubes; (1981 - 83).
3. Evaluation of the incidence of postoperative pulmonary complications in relation to preoperative pulmonary status: ICMR Project: (1986 - 89).
4. Survey of Laryngeal and tracheal complications following prolonged intubation and tracheostomy in-patients treated in an ICU. ICMR Project (1989 onwards).
5. Evaluation of an air - oxygen anaesthesia system based on a oxygen concentrator for use in peripheral hospital and camps. Drager (West Germany) and Usha Services Consultants (Delhi) sponsored project (1990 onwards).
6. Evaluation of Ketorolac Trimethomine, an non-steroidal, non-narcotic analgesic for postoperative pain - Sponsored by Ranbaxy Laboratories Ltd. (1991 onwards).
7. Stratification and correlation of outcome using various indices like APACHE-II, APACHE-III and TISS etc. In critically sick patients in the ICU (1994-1996).
8. Evaluation of the incidence, causes and therapeutic regimes for the management of Nosocomial Pneumonia's in the ICU (1995-1997)
9. Evaluation of Remifentanil as an opioid analgesic agent for use as part of Total Intravenous Anaesthesia (TIVA) technique. This is an AIIMS funded research project and the drugs for use have been offered by M/s Glaxo- Wellcome Lab. India. (1999-2000)
10. Research project entitled " A randomized open-label, Comparative multi centre study of Voriconazole versus conventional Amphotericin B followed by Fluconazole in the treatment of candidemia in non-neutropenic subjects (150-608)" is a multi-national project funded by M/S Pfizer and is underway (2000 - 2003)

8. (iii): Research Projects Supervised as Chief Guide or Co-Supervisor :

(Theses submitted to All India Institute of Medical Sciences)

- Evaluation of Postoperative Pulmonary Complications in Patients with Pre-existing Lung Disease : 1983
- Effects of Prolonged Intubation on Human Larynx: 1987
- Evaluation of the Incidence of Post-Operative Pulmonary Complications in Patients with Moderate to Severe Pre-Operative Lung Disease: 1988
- Prevention of Suxamethonium Induced Muscle Damage: Comparative of Diphenylhydantion with D-Tubucurarine: 1989

- Perioperative Morbidity and Mortality in Neonate and Infant Paediatric Surgical Patients: 1995
- Diagnosis of Nosocomial Pneumonia in the Intensive Care Unit (ICU) and its Correlation with Microbiological Findings: 1995
- An Analysis of Brainstem Auditory Evoked Potentials (BAEPs) in Clinically Brain Dead Patients and its usefulness in the Diagnosis of Brain Death: 1998
- Dose Response Study of Inhaled Nitric Oxide in Patients with Acute Respiratory Distress Syndrome (ARDS): 2001
- Stress Response During Anaesthesia in Children: 1986
- Surgical Management of Laryngo- Tracheal Stenosis: 1991
- Evaluation of Synergism of Preoperative Oral clonidine with Postoperative Epidural Morphine for Postoperative Analgesia: Dec. 1992
- Evaluation of Haemodynamic and Ventilatory Changes in Patients Undergoing Laparoscopic Cholecystectomy Under General Anaesthesia: 1994
- Comparison of two anaesthetic Techniques in Laser Micro Laryngeal Surgery: 1995
- Biochemical Haemodynamic and Hematological changes during Transcervical Resection of Endometrium using 1.5% Glycine as Irrigating Solution: 1996
- Study of Perioperative Control of Diabetes Mellitus, Comparison of Continuous Glucose Insulin Potassium infusion with subcutaneous administration of insulin: 1997
- Stress Ulcer Prophylaxis on Patients in Intensive care Unit on Ventilator: 1998
- Comparative Evaluation of Continuous Spinal Anaesthesia & Combined Spinal Epidural Anaesthesia Techniques for Intraoperative Anaesthesia & Postoperative Analgesia: 1998
- Evaluation of Enteral Vs Parenteral Nutritional Support of Mechanically Ventilated Critically Ill Patients: 2001
- Effect of Addition of Morphine Tramadole to Adrenalized Lignocaine in Interscalene Brachial Plexus Block: 2001
- Ketamine and Midazolam as Adjuvants to Bupivacaine in Epidural Analgesia: 2001

- Comparison of Epidural Infusion of Morphine - Bupivacaine versus Fentanyl Bupivacaine for PostOperative Analgesia following Lower Abdominal Surgeries: 2001

8. (iv): Special contribution to education:

(a) Have organized the following major conferences:

1. Recent Advances in Intensive Care: International Workshop held in Nov. 1989. A number of invited faculty and delegates from India and abroad participated. Workshop included live demonstrations, film and video shows and 'hand on' experience to a limited number of delegates in the Intensive Care procedures like Swan - Ganz catheterization, parenteral alimentation etc. Was demonstrated.
2. International Congress of Anaesthesiology: Nov. 1991, Delhi. Theme of the conference was "Anaesthesia in the Developing Countries". Members from SAARC countries as well as about 100 foreign delegates participated. For the first time, Royal College of Surgeons and the College of Anaesthetist England participated in this Congress and a group of about 30 senior Anaesthesiologists were sponsored by these agencies for participating.
3. Organized the 5th Biennial Congress of Asian and oceanic Society of Regional Anaesthesia (AOSRA) in New Delhi in Oct.1999. The conference was a huge success and attracted about 1000 delegates. It has contributed significantly to increased interest in clinical practice and Research in Regional anaesthesia and Pain management techniques.

b) Chairman, Curriculum Committee of the MCI, for developing & redrafting the Postgraduate degree & Diploma courses, Anaesthesiology - 2001

(b) JOURNALS:

CHIEF EDITOR: Journal of Anaesthesiology - Clinical Pharmacology (1985- 1999). The Journal is the most important and internationally indexed publication in the speciality of Anaesthesiology in our country today.

REVIEW EDITOR: International Monitor: Regional Anaesthesia and Pain Therapy (2000 onwards) : Published by the European Society of Regional Anaesthesia and Pain Medicine)

SOME IMPORTANT PUBLICATIONS:

A.R. Ramachandra; **H.L. Kaul**; and G.R. Gode. An experimental study of the actions of neurotoxin : A component of cobra venom in dogs. Ind. J. Anaesth. 22 : 43 - 47, 1974.

H.L. Kaul ; S. Yajnik; N. Saxena and G.R. Gode. The effect of hyper - inflation of the lungs on compliance during anaesthesia and IPPV. Ind. J. Anaesth. 23 : 83 - 85, 1975.

G.R. Gode; A.V. Raju; T.S. Jayalakshmi; **H.L. Kaul** . Intensive care in rabies therapy. Lancet, 1: 6 - 8, 1976.

H.L. Kaul; T.S. Jayalakshmi and G.R. Gode. Effect of ketamine on intracranial pressure in hydrocephalic children. Anaesthesia, 31: 698 - 701, 1976.

H.L. Kaul ; Vidyamurty; N. Saxena; G.R. Gode; N.N. Sood; and S.M. Betharia. Effect of three intravenous anaesthetic agents on intraocular pressure in glaucoma. Ind. J. Anaesth. 28: 209 - 303, 1980.

H.L. Kaul ; M.K. Aroma; H.H. Dash; and G.R. Gode. Prolonged and short term IPPV - A retrospective study of 120 patients. Ind. J. Chest Dis. Allied Sci. 113 - 118, 1983.

Abha Saxena; **H.L. Kaul** ; N. Saxena; H.C. Aggarwal ; and P. Chopra. Tissue reactions to indigenous endotracheal tube in rabbits. Ind. J. Med. Res. 79 : 673 - 678, 1984.

H.L. Kaul ; Yatin Mehta, D.K. Mitra and G.R. Gode. Hepatic dysfunction following repeated anaesthesia: A histological study in dogs. J. Anaesth. Clin. Pharmacol. 1: 59 - 66, 1985

H.L. Kaul ; Leela P. Kriplani; N. Bano; S. Yajnik and G.R. Gode. Biochemical and histochemical changes in liver function following halothane and ether anaesthesia. Effect of hypoxia. J. Anaesth. Clin. Pharmacol. 1 : 24 - 30, 1985.

Yatin Mehta; and **H.L. Kaul** . Repeated ether anaesthesia : Study of liver functions and histology in dogs. J. Anaesth. Clin. Pharmacol. 2 : 195 - 200, 1986.

H.L. Kaul ; K. Bhaskaran; N. Saxena; and D.K. Mitra. Alterations in intracranial pressure following ketamine anaesthesia in hydrocephalic children. Ind. J. Pediatr. 52: 671 - 672, 1986.

H. Prakash; S.S. Sidhu; Rupa Raghvan; **H.L. Kaul**; and R.K. Sunderam. Haemodynamic changes and cardiac arrhythmias during oral surgical procedures. J. Anaesth. Clin. Pharmacol. 2 : 155 - 161, 1986.

Gajinder S. Oberoi; N. Saxena and **H.L. Kaul**. Effect of ketamine infusion on metabolic profile. J. Anaesth. Clin. Pharmacol. 2 : 144 - 147, 1986.

H.L. Kaul ; N. Saxena; K. Nirmala Devi. Anaesthesia for microlaryngeal surgery - A review of 300 consecutive cases. Ind. J. Anaesth. 34 - 39, 1986.

H.L. Kaul ; Nilofer Bano; Leela, P. Kriplani and G.R. Gode. Effect of hypercarbia alone and hypoxia with hypercarbia on liver function during ether and halothane anaesthesia : A histochemical and biochemical study in dogs. J. Anaesth. Clin. Pharmacol. 3 : 225 - 230, 1987.

N. Saxena; Gajinder S. Oberoi and **H.L. Kaul** . Glucose tolerance during ketamine infusion anaesthesia : Study of two dose regimes. J. Anaesth. Clin. Pharmacol. 3 : 167 - 171, 1987.

H.L. Kaul , Abha Saxena and N. Saxena. Implantation testing of endotracheal tubes material. Histopathological changes following prolonged implantation. J. Anaesth. Clin. Pharmacol. 3 : 93 - 98, 1987.

Gajinder S. Oberoi; N. Saxena; **H.L. Kaul** ; N. Kochupillai; and M.M. Godbole. Low dose ketamine infusion and stress responses. Ind. J. Med. Res. 85 : 188 - 192, 1987.

Abha Saxena; **H.L. Kaul** ; N. Saxena and P. Chopra. Endotracheal tube toxicity testing by subconjunctival and intramuscular implantation. Ind. J. Med. Res. 85 : 461 - 466, 1987.

H.L. Kaul ; Muralidhar; T.S. Jayalakshmi; Rashmi Madan; G.P. Dureja; A.P. Bhalla and Srinivas Rao. Anaesthetic accidents due to nitrous oxide impurities. J. Anaesth. Clin. Pharmacol. 5 : 67 - 74, 1989.

V. Muralidhar and **H.L. Kaul**. Testing for impurities in nitrous oxide by Drager detector tubes. J. Anaesth. Clin. Pharmacol. 6 : 129 - 134, 1990.

H.L. Kaul; D.K. Pawar; Abha Saxena; Purnima Dhar; K. Nirmala Devi; Abhiram Mallick; Krishna Mohan and Virginia R. Khyriem. Anaesthetic management for the separation of thoraco-omphalopagus twins. J. Anaesth. Clin. Pharmacol. 6:281-292, 1990.

Usha Saha; **H.L. Kaul** ; T.S. Jayalakshmi; and S. Nayak. How expensive is anaesthesia - An overview. J. Anaesth. Clin. Pharmacol. 7 : 45 - 53, 1991.

Sandhya Mantha; M.K. Arora; G.R. Gode and **H.L. Kaul**. Low concentration bupivacaine for extradural analgesia for labour: Comparison of 0.125% and 0.25% Bupivacaine. J. Anaesth. Clin. Pharmacol. 7 : 177 - 183, 1991.

D. Sreenivasa Rao; **H.L. Kaul** ; and T.S. Jayalakshmi. Effect of premedication on oxygen saturation. J. Anaesth. Clin. Pharmacol. 7 : 195 - 198, 1991.

U. Kiran, **H.L. Kaul**. Single dose epidural Buprenorphine for pain relief in gynecological patients. J. Anaesth. Clin. Pharmacol. Vol. 7 No.1:55-58 Jan 1991

P. Ghose; **H.L. Kaul** ; Seema Mukhopadhyaya. Anterior Tracheoplasty - A new technique. J. Anaesth. Clin. Pharmacol. 43 : 56 - 60.

Veena Hatta, Abha Saxena and **H.L. Kaul** . Phenytoin reduces Suxamethonium induced Myalgia. Anaesthesia, 47 : 664 - 668, 1992.

A.M. Hassan; P. Ghose; P.S.N. Menon; S. Mukhopadhyaya and **H.L. Kaul**. Changes in tracheobronchial angle as a function of age. Ind. J. Otolaryngeal, Head, Neck. 2 : 1 - 6, 1993.

H.L. Kaul ; L. Kashyap; M. Khoshoo; J.N. Pande and K.R. Sunderam. Postoperative pulmonary complications in patients with preoperative lung disease. Ind. J. Med. Res. 98 (B) : 55 - 60, 1993.

- L.N. Yaddanapudi, **H.L. Kaul**. Raman Spectroscopic Evaluation of a Goldman Vaporisor using Halothane, Isoflurane and Enflurane. J. Anaesth. Clin. Pharmacol. Vol. 9:295-304, 1993
- G.P. Dureja and **H.L. Kaul**. Massive unanticipated blood loss during surgery : Management. J. Anaesth. Clin. Pharmacol. 10 : 187 - 189, 1994.
- P. Mandal, S. Chaudhary, D.K. Pawar and **H.L. Kaul**. Spinal Anaesthesia for Day - Care surgery. J. Anaesth. Clin. Pharmacol. 10 : 261 - 265, 1994.
- R.K. Batra and **H.L. Kaul**. Rabies - Pathophysiology and current status of Management. J. Gen. Med. 6 : 3 - 15, 1994.
- V. Muralidhar; R. Chaturvedi; T. S. Jayalakshmi and **H.L. Kaul**. A profile of nutritional practices and its cost in an intensive care in India. Tropical Gastroenterology. 16 : 110 - 116, 1995.
- N.G. Mandal; V. Muralidhar, S. Kumar; **H.L. Kaul** and P. Ghosh. Laryngeal changes following long term stenting with polyvinyl chloride tubes. The National. Med. J. (India). 8 : 213 - 215, 1995.
- Jayalakshmi T.S, **H.L. Kaul**, Batra R.K. Human Rabies - an unusual presentation. J. Anaesth. Clin. Pharmacol. 11(3) 221-223, 1995
- Muralidhar V, Chaturvedi R, Jayalakshmi T.S, **H.L. Kaul**., A profile of nutritional practice and its cost an intensive care in India. Trop Gastroenterol 16 : 110 – 116, 1995
- H.L. Kaul**., Dureja GP. Massive unanticipated blood loss (> 1 Blood Volume) during surgery : management and outcome. Applied Cardiopulmonary Pathophysiology, (Netherlands). 5: 1 – 5, 1996
- H.L. Kaul**, A. Trikha, R.K. Venkatraman, Rashmi Madan. Effect of positive end Expiratory Pressure on Human Intraocular Pressure. J. Anaesth. Clin. Pharmacol. 12:103-106, 1996
- H.L. Kaul**, V. Muralidhar, N.G. Mandal, T.S. Jayalakshmi: Profile of Nosocomial Infections in Mechanically Ventilated Patients in an Intensive Care Unit. J. Anaesth. Clin. Pharmacol. 12: 117-124, 1996
- H.L. Kaul**, G. Bhanumati. Cardiopulmonary Resuscitation : Outcome in ICU Patients. J. Anaesth. Clin. Pharmacol. 12: 193-196, 1996
- H.L. Kaul**, K B Sridevi, Abha Saxena, T S Jayalakshmi. Induction of Anaesthesia with single Vital Capacity Breath: Evaluation of Three Inhalational Agents. J. Anaesth. Clin. Pharmacol. Vol. 12: 259-266, 1996
- Muralidhar V, **H.L. Kaul**, Dwivedi, SN: Comparative evaluation of head-up tilt test and urinary bladder sensation as predictors for early ambulation after spinal anaesthesia. Regional Anesth, 22:582, 1997

- H.L. Kaul**, Chandra Mogera, Maya, R K Batra: Haemodynamic and Ventilatory Changes during Laparoscopic Cholecystectomy. J. Anaesth. Clin. Pharmacol. Vol. 13: 131-136 , 1997
- Alka Kriplani, Jyoti Nath, D. Thakkar, Maya, **H.L. Kaul**: Biochemical hemodynamic and hematological changes during transcervical resection of the endometrium using 1.5% glycine as the irrigating solution . Eur. Obst. Gynecol Repr. Biol. 99-104 , 1998
- H.L. Kaul**, Abeda Sharif: Autologous blood transfusion: 6 % Hydroxyethyl starch for acute Normovolemic Haemodilution. J. Anaesth. Clin. Pharmacol. 14: 23-28 ,1998
- H.L. Kaul**: Awareness during anaesthesia: An Insight into Causes and Prevention (Review). J. Anaesth. Clin. Pharmacol. Vol. 14: 111-124, 1998
- H.L. Kaul**; V. Muralidhar; S, Kathirvel; Rajeshwari,S: Subrachnoid Isobaric Bupivacaine 0.5 % in patient with ischaemic Heart Disease and Hypertension. J. Anaesth. Clin. Pharmacol. Vol. 14: 217-220,1998
- H.L. Kaul**, Manisha Mehta, G. Bhanumati, N G Mandal: Vecuronium is not suitable for rapid sequence intubation for Cesarean Section. J. Anaesth. Clin. Pharmacol. 14: 241-244, 1998
- H.L. Kaul**, T.S. Jayalakshmi; S. Kathirvel; Nagesh; S, Kashinath: Management of patients with smoke inhalation - Uphaar fire Tragedy Report. J. Anaesth. Clin. Pharmacol. Vol. 14: 329-334,1998.
- Nilmani Upadhyay, **H.L. Kaul** and V Muralidhar. Evaluation of Non - Bronchoscopic Broncho-Alveolar Lavage for Diagnosis of Nosocomial Pneumonia in ICU Patients. J. Anaesth. Clin. Pharmacol. 14: 347-352,1998.
- V. Muralidhar, **H.L. Kaul**, Mallick P: Over the needle Versus Microcatheter - Through Needle Technique for Continuous Spinal Anaesthesia : A Preliminary Study. Reg. Anaesth. Pain Med, 24: 417-421, 1999
- H.L. Kaul**, S Balachundhar, S Senthil Kumar. Outcome of Acute Renal Failure in the Critically ill patients. J. Anaesth. Clin. Pharmacol. Vol. 15: 29-36,1999.
- Vimi Rewari, **H.L. Kaul**: Regurgitation and Aspiration during Gynaecological Laparoscopy : Comparision between Laryngeal Mask Airway and Tracheal intubation. J. Anaesth. Clin. Pharmacol. 15: 67-70, 1999
- V. Muralidhar, **H.L. Kaul**. Comparative evaluation of Spinal Anaesthesia with Four Different Bupivacaine (0.5%) Solution with Varying Glucose Concentration. J. Anaesth. Clin. Pharmacol. 15: 165-168 , 1999.
- S Rajeshwari, B,Pandit; S, Senthilkumar, KB.Sridevi: **H.L. Kaul**: Retroperitoneoscopic excision of phaeochromocytoma- Haemodynamic events, complications and outcome. Anaesth. Intens. Care, 28: 49- 53, 2000

R. Madan, Tamil Selvan S, Sadhasivam S, D. Shinde, V. Gupta, **H.L. Kaul** – Intraocular and haemodynamic changes after tracheal intubation and extubation – a comparative study in glaucomatous and non-glaucomatous children. *Anaesthesia* 55: 380-384. 2000

H.L. Kaul, R. Madan, V. Rewari, B. Pandit. Evaluation of the efficacy and safety of remifentanyl based anaesthesia in major and day care surgery (an open, non-comparative and Multicentric study). *Ind. J. Anaesth.* 44: (6); 42-52.

R. Madan, N. Bharti, D. Shende, S.K. Khokhar, **H.L. Kaul** - A Dose response study of clonidine with local anaesthetic mixture for peribulbar block: A Comparison of three doses. *Anaesth. Analg.*, 93:1593-1597,2001

Editorials:

Anaesthesiologist: A Clinical Pharmacologist
J. Anaesth. Clin. Pharmacol. Vol. 2: 69 , 1986

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Enflurane and Isoflurane: Do they have place in our practice?
J. Anaesth. Clin. Pharmacol. Vol. 4: 209 ,1988

Attenuation of laryngotracheal response : Dose the benefit Justify the risk ?
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J. Anaesth. Clin. Pharmacol. Vol. 7: 173 , 1991

Anaesthesia in developing Countries
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J. Anaesth. Clin. Pharmacol. Vol. 9: 261, 1993

Quality Assurance in Anaesthesia through Simulator
J. Anaesth. Clin. Pharmacol. Vol. 10: 69, 1994

Is Cricoid Pressure Mandatory for Obstetric Anaesthesia?
J. Anaesth. Clin. Pharmacol. Vol. 11: 87 , 1995

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J. Anaesth. Clin. Pharmacol. Vol. 12: 231,1996

50 Years of Anaesthesia: The Past and the Present
J. Anaesth. Clin. Pharmacol. Vol. 13: 1, 1997

Newer Anaesthetic Agents: Do we need them?
J. Anaesth. Clin. Pharmacol. Vol. 14: 207,1998