

DEPARTMENT OF ANAESTHESIOLOGY

SRI DEVARAJ URS MEDICAL COLLEGE, KOLAR

1.INTRODUCTION

BRIEF HISTORY OF THE DEPARTMENT:

Department started in April – 1988 with one Professor, two lecturers and two tutors under the able guidance of Dr.M.H.Chandrappa, MD; DA (London). Upgraded in 1989 with one Professor & HOD, two Associate Professors, two lecturers and two tutors and in 1995 Hospital complex with 3 Major operating rooms and one Minor O.T. and Multi specialty ICU with 10 beds. In 1997 P.G. studies started with Two M.D. candidates and four D.A. Candidates and had Two Professors, Three Associate Professors, Four Lecturers and Four Tutors.

13th and 25th State Level Anaesthesia Conference & CME was conducted during Sept. 1997 and August 2010 respectively, Dr.M.H.Chandrappa, Professor & HOD being the Organising Chairman. Dr.Sujatha.B.D, Professor was the Organising Secretary for 13th conference and Dr.Somasekharam.P, Professor & HOD being the Organising Secretary for the 25th conference . In 1999 First Diploma Anaesthesiology exam conducted under M.C.I Inspectors supervision. In 2000 First M.D. Anaesthesiology exam conducted under supervision of M.C.I Inspectors.

At Present we have 14 Operating rooms, One Pre Anaesthetic room, 14 Bedded I.C.U with all state of the art Anaesthesia apparatus, Monitors, Ventilators, etc...

We have a separate septic O.T & pain clinic doing about 4000 Major cases & 1000 minor cases / year.

HOD 's of Anaesthesia

Dr.M.H.Chandrappa	01.03.1988 To 31.03.2002
Dr.S.K.S.Puri	01.04.2002 To 19.01.2004
Dr.P.S.Nag	20.01.2004 To 31.10.2006
Dr.B.M.Chandra Kumar	01.11.2006 To 31.03.2008
Dr.P.Somasekharam	01.04.2008 To Till date

2) FACULTY

At present we have 3 Professors, 3 Associate Professors , 2 Assistant Professors.

Dr.P.Somasekharam	MBBS,MD	Professor & HOD
Dr.Dinesh.K.	MBBS,MD	Professor
Dr.Ravi.M	MBBS, DA, DNB	Professor
Dr.Anand Tippanna Talikoti	MBBS, MD	Assoc.Prof.
Dr.Ramesh Kumar.P.B	MBBS, MD	Assoc.Prof.
Dr.Krishna Kumar.B.R	MBBS, MD	Assoc.Prof.
Dr.Priya Margavi	MBBS, MD	Asst.Prof.
Dr.Kiran.N.	MBBS, DA,MD	Asst.Prof.

Post Graduates Per Year

M.D. Anaesthesiology Course - 3seats

D.A. Anaesthesiology course - 4 Seats.

3) TRAINING

A) Structured anaesthesia training programme and evaluation offered.

B) Regular Seminars, Journal Clubs, Case Presentations and Symposiums done.

C) Super speciality postings to higher centres like NIMHANS and Sri Jayadeva Institute of Cardiology.

D) Compulsory Paper presentations and Publications encouraged.

E) Periodical BLS workshops are conducted by the department.

F) Annual CME's and Workshop's and Guest Lectures from eminent persons in the field of Anaesthesiology and Critical care.

FACILITIES

Pre operative room – 01(8 beds); Operating Rooms – 14, Recovery rooms-15.

14 Bedded Multispeciality ICU – 01; Anaesthesia Out patient cum Pain Clinic - 01

4) **RESEARCH AND PUBLICATIONS**

- a) Anaesthetic management for a case of Lithium Toxicity with Hypothyroidism- a case report has been published in JOACP in Feb 2011 by Dr. K. Dinesh, Professor.
- b) “Confirmation of Ryles tube insitu” , an article has been published in JCBS, in March 2011 by Dr. K. Dinesh, Professor.
- c) “Comparative study of Acupuncture at P6 point with 0.2ml 50 % dextrose and inj Ondansetron 50 microgms/kg for preventing PONV”. A study "Published in JOACP, in June 2010 by Dr.Ravi.M., Associate Professor.
- d) “Post Operative Hysterical symptoms in a patient with Epidural catheter”. An article published in IJA . Nov 2010 by Dr.Ravi.M., Associate Professor.
- e) “Management of cough syncope and hypoglycaemia in a urological case”- An article published in JOACP . June 2010 by Dr.Ravi.M., Associate Professor.
- f) “Anaesthetic management of a patient with left ventricular clot posted for laparotomy”-A case report published in KAJ, Dec 2010.
- g) “Third and Fourth cranial nerve involvement following trigeminal neurolytic block with absolute alcohol”- case report published in JOACP in July 2010 by Dr.Anand.T.T , Associate Professor.

- h) “Anaesthetic management of a patient with complete AV block associated with congenital corrected TGA with difficult airway”.Case report published in JOACP in Feb 2011 by Dr.Anand.T.T , Associate Professor.
- i) “Auto Laryngotomy with razor blade- a rare case of laryngeal foreign body”, An article published in JOACP . June 2010 by Dr.Ramesh Kumar.P.B., Assistant Professor.
- j) “Combination of Supraclavicular and low interscalene block with bupivacaine and lignocaine for shoulder and upperlimb surgery”.Article published in JOACP in oct2010 by Dr.H.N.Chandrappa, Associate Professor.
- k) “Anaesthetic management of cesarian section in a patient with acoustic neuroma”, Article published in JOACP in oct2010 by Dr.Rajesh.S, Assistant Professor and Prof.Dr.Somasekharam.
- l) “Cut Throat Injuries - A Challenge for Airway and Anaesthetic Management –Case Report of 5 Cases”, Article published in International Journal of Current Scientific Research in July 2011 by Dr.Ramesh Kumar.P.B, Associate Professor.
- m) “Anaesthetic Management of a Rare Case of Priapism”, Article published in International Journal of Current Biological and Medical Science in July 2011 by Dr.Ramesh Kumar.P.B, Associate Professor.
- n) Prof .Dinesh, Prof. Ravi, Dr.Ramesh Kumar.P.B-“ Severe thoraco lumbar kyphoscoliosis- a challenge to anaesthesiologists”.Int J Pharm Biomed Res 2012;3(1):69-70.
- o) Prof.Ravi, Dr.Sujatha.M.P, Prof . Somasekharam.P- Anaesthesia mangament for a case of chorea gravidarum”. Int J Biol Med Res.2011;2(3):816-817.

- p) Dr.Priya margavi, Prof.Ravi, Prof. Dinesh.-“ Anaesthesia management for Bronchial Foreign body with PDA in CCF”. Int J Biol Med Res.2011;2(4):1189-1190.
- q) Prof. Ravi,Dr.Krishna Kumar.B.R, Dr.Ramesh Kumar.B.R.”Supraclavicular brachial plexus block with 0.75% ropivacaine and with additives tramadol, fentanyl- a comparative pilot study”. Int J Biol Med Res.2011;2(4):1061-1063.
- r) Prof.Ravi. “A comparative study of ketorolac with lornoxicam as pre-emptive analgesics in patients who were undergoing elective abdominal surgery under general anaesthesia”.JCDR.2012;6(3):418-22.

5) **Projects completed till now,**

A) Prof.Ravi-3 projects, completed and published.

1) “Comparative Efficacy of Acupuncture at p6 Point with 0.2ml 50% Dextrose and Inj Ondansetron 50 µg kg-1 IV for Preventing Postoperative Nausea and Vomiting”.

J Anaesth Clin Pharmacol 2010; 26(2): 237-239.

2) “Supraclavicular brachial plexus block with 0.75 % ropivacaine and with additives tramadol, fentanyl- a comparative pilot study”. Int J Biol Med Res. 2011; 2(4): 1061 – 1063.

3) “A comparative study of ketorolac with lornoxicam as pre-emptive analgesics in patients who were undergoing elective abdominal surgery under general anaesthesia”.JCDR.2012; 6(3):418-22.

6) **CME and CONFERENCES**

A CME & Workshop on Mechanical ventilation was conducted during August,2008.

Annual State conference and Workshop, KISACON 2010, was conducted on 27,28,29 August ,2010.

A CME & Workshop on Ultrasound in Pain & Palliative Medicine was conducted on 3.03.2012.

A CME was conducted on Pain & Palliative Medicine in Cancer Survivors on 29.sept.2012.

4 Staff members on rotation along with all Exam going Post graduates (6) have attended all State , South Zone and National conferences of ISA, National Airway Workshops, PG Excel Programmes , RACE programmes from 2007 and SAARC conference in 2011.

7) **ACHIEVEMENTS**

a) Indian Society of Anaesthesiologists , Kolar Branch was formed and registered in August 2010. Dr.Chandrappa.M.H. was elected as the President; Dr.Somasekharam.P. as Vice President; Dr.Ravi.M. as Secretary; Dr.Dinesh.K. as Joint Secretary; Dr.Ramesh kumar .P.B. as Treasurer; Dr. Krishna Kumar.B.R and Dr.Anand.T.T. as Internal Auditors .

b) Dr. Somasekharam.P. Professor and HOD, Department of anaesthesiology, SDUMC, Kolar was unanimously elected as President of Indian Society of Anaesthesiologists, Karnataka State Branch.

- c) Dr.Somasekharam.P., Professor and HOD, Chaired a scientific session Titled “Newer trends in Local Anaesthetics” at South Zone ISA conference held during Sept.2010 at Trissur, Kerala.
- d) Dr.Dinesh.K., Professor, Chaired a scientific session Titled “ Recent advances in Sevoflurane” at South Zone ISA conference held during Sept.2010 at Trissur, Kerala.
- e) Dr.H.N.Chandrappa ,Associate Professor , Chaired a scientific session titled” Cardiac Troponins: Use and relevance in Critical care” at KISACON 2010, Kolar, Aug 2010.
- f) Dr.Ravi.M., Associate Professor , Chaired a scientific session titled” Anaesthesia considerations in patients on Psychiatric medications” at KISACON 2010, Kolar, Aug 2010.
- g) Dr.Dinesh.K., Professor, Chaired a scientific session Titled ” Update in the diagnosis and management of sepsis” at KISACON 2010, Kolar, Aug 2010.
- h) A Guest lecture on “ Pre anaesthetic evaluation of a cardiac patient coming for non cardiac surgery” by Dr.Ravi.M., Associate Professor of Anaesthesiology held at PES Institute of Medical Sciences and Research, Kuppam, NTR University Zonal Cme held during April 2011.
- i) A Guest lecture on “ Perioperative management of uncontrolled Hypertension” by Dr.Krishna Kumar.B.R., Assistant Professor of Anaesthesiology held at PES Institute of Medical Sciences and Research, Kuppam, NTR University Zonal Cme held during April 2011.
- j) Dr.Pradeep kumar, Post Graduate, won the First prize at the National level PG quiz competition held at Mangalore 2010.

k) Staff and Post graduates presented and published numerous papers and articles at National and State level conferences and Journals.

l) Prof.Somasekharam.P, Prof.Dinesh.K, Prof.Ravi.M chaired scientific sessions at SAARC and KISACON 2012 conferences.

m) Dr.Victor Mayoral , Pain Specialist from Spain was invited for our CME and Workshop on Ultrasound in Regional Anaesthesia and Pain.

n) Dr.Stephen Bret from UK was invited for a guest lecture.

o) Dr.Dinesh.K. and Dr.Ravi.M, Professors completed BLS and ACLS provider course at St. Johns Medical college.

8) **Dissertations – ongoing**

a) “Comparative study between IV Granisetron with dexamethasone Vs IV Ondansetron with dexamethasone for preventing PONV in general anaesthesia”

Dr.Rakesh Bendre;Dr.Dinesh.K.

b) “Comparative study of Epidural Ropivacaine 0.75% alone and Ropivacaine with Dexmedetomidine and Ropivacaine with clonidine for lower abdominal and lower limb surgeries”

Dr.Manjunath.T; Dr.Ravi.M.

c) “ Bolus dose of Dexmedetomidine for attenuation of haemodynamic response and airway reflexes during extubation of trachea for surgeries under general anaesthesia.”

Dr.Shrirang Rao; Dr.Somasekharam.P.

Completed-

a) “Comparative study between Gabapentin and Clonidine for attenuation of Haemodynamic responses to laryngoscopy and tracheal intubation”

Dr .Ananya .N; Dr.Dinesh.K.

- b) “A Comparative Study Of Epidural Ropivacaine 0.75% Alone With Ropivacaine Plus Fentanyl And Ropivacaine Plus Clonidine For Lower Abdominal And Lower Limb Surgeries.”

Dr.Sindhu.B.S; Dr.Dinesh.K.

- c) “A Comparative Study of efficacy of Phenylephrine, Ephedrine, and Mephentermine for maintenance of Blood pressure for caesarean section under Spinal anaesthesia”.

Dr.Sushree Das; Dr.Somasekharam.P.