**Department of Anaesthesia**

**1.PAPER PUBLICATION:**

1. Vatika Bhardwaj, Dheeraj Singha, Anshit Pathania, Usha Chaudhary,Sudarshan C. Comparing Different Doses of Dexmedetomidine in Attenuating Extubation Response in Hypertensive Patients Undergoing Laparoscopic Cholecystectomy. Bali Journal of Anesthesiology 2021; 5 :2
2. A comparative study of buprenorphine in two different doses as an adjuvant to levobupivacaine in US-guided lumbar plexus block for postoperative analgesia .Authors:Vaibhav Tulsyan, Jai Singh, Lokesh Thakur, Versha Verma and Ashish Minhas Ain-Shams Journal of Anesthesiology 2021; 13:7
3. Sharma S, Bhardwaj V, Sharma S, Rana S. Dexamethasone to decrease post - anesthesia sore throat (POST) and hoarseness- which is the most effective route: intravenous, topical or nebulization? A prospective randomized trial.Ain - Sham Journal of Anaesthesiology 2021;13:26
4. **RESEARCH WORK :**
5. A Study for comparative evaluation of effect on endotracheal cuff pressure by using intracuff alkalinised 1% lignocaine and 2% Lignocaine gel application around endotracheal cuff and thereafter Extubation quality in smokers undergoing general anaesthesia. **(Dr. Latesh Saphiya,GUIDE: Dr Dheeraj Singha, CO-GUIDE: Dr Nanish Sharma)**
6. To study and compare the dimensions and respiratory variations on internal jugular vein and inferior vena cava in stable cardiac and non-cardiac patients- a prospective observational study**.( Dr Maninder Raizada, GUIDE: Dr. Jai Singh, CO-GUIDE: Dr. Shyam Bhandari)**
7. Comparison of three different techniques of i-gel insertion i.e. Standard, rotational, triple airway maneuver in anaesthetised paralysed adult- a prospective randomised trial. **(Dr. Neetiksha GUIDE: Dr. Versha Verma, CO-GUIDE: Dr. Aman Thakur)**
8. Assessment of incidence, degree of hemi diaphragmatic paralysis and predictive factors following us guided supraclavicular and interscalene brachial plexus block- a prospective observational study**. (Dr. Maninder Nehria GUIDE: Dr Shelly Rana, CO-GUIDE: Dr. Shyam Bhandari)**
9. A comparative evaluation of changes in intracuff pressure using blockbuster supraglottic airway device in trendelberg position and reverse trendelberg position in patients undergoing laparoscopic surgery**. (Dr. Nidhi Thakur GUIDE: Dr. Shyam Bhandari, CO-GUIDE: Dr. Dheeraj Singha)**
10. A comparative evaluation of change in intra cuff pressure using ambu auragain in trendelberg position and reverse trendelberg position in patients undergoing laparoscopic surgery**. (Dr. Poonam GUIDE: Dr. Jai Singh, CO-GUIDE: Dr. Dheeraj Singha)**
11. Assessment of the preoperative stress, anxiety and predictive factors in patients undergoing elective surgery under regional and general anaesthesia. **(Dr. Nishita kaushal GUIDE: Dr. Bharti Gupta, CO-GUIDE: Dr. Shelly Rana** )
12. The analgesic efficacy of 4 in 1 blocks with bupivacaine in combination with dexmedetomidine in two doses- a prospective randomized trial. **( Dr. Isha khan GUIDE: Dr. Jai Singh, CO-GUIDE: Dr. Versha Verma )**
13. To study the prevalence, aetiology and associated risk factors for low back pain at a tertiary level institute of sub Himalayan area. **(Dr. Nandini sharma GUIDE: Dr. R.K. Verma, CO-GUIDE: Dr. Bharti Gupta)**
14. Comparative study of conventional orogastric tube insertion with reverse sellick’s technique in patients undergoing laparoscopic cholecystectomy under general anaesthesia. **(Dr. Uravashi nautiyal, GUIDE: Dr. R.K. Verma, CO-GUIDE: Dr. Shyam Bhandari)**
15. Dose response relationship of local anaesthetic to hemidiaphragmatic paralysis following ultrasound guided supraclavicular brachial plexus block. A randomized controlled trial. **( Dr. Radhika sharma GUIDE: Dr. Shelly Rana, CO-GUIDE: Dr. Dheeraj Singha)**
16. To study the effect of vedic chants in laboring parturients with ambulatory epidural labor analgesia. **(Dr. Shelly GUIDE: Dr. Bharti Gupta, CO-GUIDE: Dr. Shyam Bhandari)**
17. To evaluate and compare the skin epidural depth in sitting position as assessed by USG versus epidural depth equation and correlation with body mass index in patients scheduled for orthopaedic surgery under lumbar epidural block. **(Dr. Mohini garg GUIDE: Dr. Shelly Rana, CO-GUIDE: Dr. Versha Verma)**
18. **ISA CONFERENCES IN KANGRA BRANCH :**
19. Recent advances in anaesthesia held on 1st November
20. World AIDS day held on 1st December
21. **BCBR CYCLE:**  cleared by 14 residents and 5 faculty members
22. **Revised Basic course workshop, CISP and sensitization to AETCOM**: cleared by 4 faculty members.
23. **CONFERENCE ATTENDED**: ISACON,CDSA,NAS,AORA
24. **AWARD**: Dr Shelly Rana awarded certificate of excellence by ISA.