

## FORMAT FOR FACULTY DETAILS AT UCMS WEBSITE



### 1. Personal details:

**Name:** Dr. Asha Tyagi

**Designation:** Director Professor

**Degrees:** MBBS, MD, DNB (Anaesthesiology)

**Department:** Anaesthesiology, Critical Care and Pain Medicine

**Areas of interest (Max. 3 bullets):**     Obstetric Anaesthesia  
  Sepsis (Including mechanical ventilation)  
  Research In Anaesthesia

### 2. Education and Trainings (in ascending order):

Degree	Institution	Place	Period
MBBS	Lady Hardinge Medical College	University of Delhi, Delhi	1989 to 1993 (excluding internship)
MD	University College of Medical Sciences	University of Delhi, Delhi	1995 to 1998
DNB	National Board of Examinations	PGI, Chandigarh	2000
MNAMS	National Board of Examinations	-	2004
Professional Diploma in Clinical Research	Catalyst clinical services	Delhi (Online programme)	2012
Short-term training for Critical Care and Transplant Anaesthesia	All India Institute of Medical Sciences	Delhi	2015

### 3. Experience (In ascending order)

Post	Institute	Total Duration
Post-graduate Student	University College of Medical Sciences & GTB Hospital; Delhi	April 1995-April 1998
Senior Resident	University College of Medical Sciences & GTB Hospital; Delhi	20.5.1998 to 20.5.2001
Lecturer and Senior Lecturer	University College of Medical Sciences & GTB Hospital; Delhi	11.6.2001 to 29.4.2005
Reader (Associate Professor)	University College of Medical Sciences & GTB Hospital; Delhi	30.4.05 to 30.12.08
Professor	University College of Medical Sciences & GTB Hospital; Delhi	31.12.08 to 29.4.15
Director Professor	University College of Medical Sciences & GTB Hospital; Delhi	30.4.15 to date

### 4. Assignments in Academic associations:

Invited as reviewer for research proposals (STS) at ICMR; and subject expert at UGC; as faculty to deliver lectures/academic deliberations in various conferences.

### 5. Awards and Honours:

1.	Invited reviewer for several international and national journals.
2.	Associate Editor: BMC Anesthesiology (Pubmed indexed international journal; ( <a href="https://bmcanesthesiol.biomedcentral.com">https://bmcanesthesiol.biomedcentral.com</a> ).
3.	Section Editor: Journal of Anaesthesiology and Clinical Pharmacology (National Pubmed indexed).
4.	Invited as subject expert for faculty interviews, thesis reviewing, and postgraduate examination.
5.	Invited as faculty in various national/state level conferences.
6.	<b>J.S. Virk Award 2020</b> ; (as co-author) for Best Letter to Editor titled “Malignant Hyperthermia: An Indian Perspective”, published in the Journal of Anesthesiology and Clinical Pharmacology, the official publication of RSACP.
7.	Research work conducted and presented under guidance received the <b>Dr G K Sinha Young Researcher Award</b> in 1 <sup>st</sup> International and 37 <sup>th</sup> National conference of Research Society of Anesthesiology and Clinical Pharmacology; Online conference: 6 <sup>th</sup> -7 <sup>th</sup> March 2021.(ED90 of Oxytocin Infusion in Preeclamptic versus Normotensive Patients undergoing Cesarean Delivery).
8.	Research work conducted and presented under guidance adjudged as <b>best research paper</b> in 59 <sup>th</sup> National conference of Indian Society of Anaesthesia; Mumbai: December 2011.(Presentation of Research in Anaesthesia: Culmination into publication?)

9.	Research work conducted and presented under guidance adjudged as <b>best research paper</b> (poster – postgraduate section) in 1 <sup>st</sup> National conference of obstetric anaesthesia; Chennai: August 2008.(Role of patient position in Epidural Volume Extension).
10.	Case study conducted and presented under guidance adjudged as <b>best research paper</b> (poster) in 1 <sup>st</sup> National conference of obstetric anaesthesia; Chennai: August 2008.
11.	<b>Best Research Paper Presentation</b> for “Perioperative problems in thoracic spine tuberculosis”, presented at Annual Conference of ISA Delhi chapter, held at Army Hospital, Delhi 2007.
12.	“ <b>National KPR Young Anaesthesiologist award</b> ”, conferred by the Indian Society of Anaesthesiologists, Kerala state branch (2004).
13.	<b>T N Jha Memorial Award</b> for Best Scientific Research Paper presentation (1996).

## 6. Projects (Externally funded)

- a) Effect of low tidal volume ventilation in postoperative progression of sepsis; 2012-2015; SERB funded.

## 7. Publications: (Details below)

## 8. H-index (As per google scholar): 19

### A) Publications in Indexed journals

1. **Tyagi A**, Mohan A, Yuvraj S, Luthra A, Garg D, Malhotra RK. ED90 of Prophylactic Oxytocin Infusion During Cesarean Delivery in Non-laboring Preeclampsics receiving Magnesium Sulfate Therapy and Normotensives: An Up-Down Sequential Allocation Dose-Response Study. Accepted for publication in Anesthesia and Analgesia.
2. **Tyagi A**, Yadav P, Salhotra R, Das S, Singh PK. Acute Kidney Injury in severely preeclamptic patients admitted to ICU: Epidemiology and Role of Serum Neutrophil Gelatinase - Associated Lipocalcin. Accepted for publication in Indian J Critical Care Med.
3. **Tyagi A**, Padhy A, Agrawal A, Salhotra R. Co-infections in patients with COVID: A case series. Accepted for publication in J Anaesthesiol Clin Pharmacol.
4. Nimodia V, Jain S, Rajaram S, **Tyagi A**, Gupta B. Effect of Diluted Vasopressin vs Saline on Intraoperative Blood Loss during Vaginal Hysterectomy- A Randomised Controlled Trial. Journal of Clinical and Diagnostic Research. 2021 Jun, Vol-15(6): QC13-QC16 .
5. **Tyagi A**, Tyagi S, Agrawal A, Mohan A, Garg D, Salhotra R, Saxena AK, Goel A. Early Warning Scores at time of ICU admission to Predict Mortality in critically ill COVID-19 Patients. Disaster Med Public Health Prep. 2021 Jun 18:1-15. doi: 10.1017/dmp.2021.208. Epub ahead of print. PMID: 34140066.
6. Goel A, Raizada A, Agrawal A, Bansal K, Uniyal S, Prasad P, Yadav A, **Tyagi A**, Rautela RS. Correlates of In-Hospital COVID-19 Deaths: A Competing Risks Survival Time Analysis of Retrospective Mortality Data. Disaster Med Public Health Prep. 2021 Mar 25:1-8. doi: 10.1017/dmp.2021.85. Epub ahead of print. PMID: 33762056; PMCID: PMC8129688.

7. Kumar S, Shah B, Johari A, Anjum R, Garg D, Salhotra R, **Tyagi A**, Khan AM, Jain AK. Covid-19 Pandemic: Resumption of Orthopedic Care and Medical Education. *Indian J Orthop*. 2021 Apr 3;55(2):1-10. doi: 10.1007/s43465-021-00379-5. Epub ahead of print. PMID: 33840819; PMCID: PMC8019346.
8. **Tyagi A**, Ramanujam M, Sethi AK, Mohta M. Clinical utility of epidural volume extension following reduced intrathecal doses: a randomized controlled trial. *Braz J Anesthesiol*. 2021 Jan-Feb;71(1):31-37. doi: 10.1016/j.bjane.2020.12.005. Epub 2020 Dec 25. PMID: 33712249.
9. Mohta M, Chowdhury R, **Tyagi A**, Agarwal R. Efficacy of different infusion rates of oxytocin for maintaining uterine tone during elective caesarean section – a randomised double blind trial. *Anaesth Intensive Care*. 2021 May 2;310057X20984480. doi: 10.1177/0310057X20984480.
10. Garg D, **Tyagi A**, Kumar M. Intraabdominal pressure and its relation with organ dysfunction in patients scheduled for elective cesarean section: Effect of supine vs left lateral tilt position. *Acta Obstet Gynecol Scand*. 2021 Jan;100(1):101-108. doi: 10.1111/aogs.13965. Epub 2020 Aug 19. PMID: 32726457.
11. Sharma A, **Tyagi A**, Singal A. Posterior reversible encephalopathy syndrome in Wegener's granulomatosis: A rare occurrence. *Indian J Anaesth*. 2020 June; 64 (6): 538-539. doi:10.4103/ija.IJA\_924\_19.
12. Garg D, **Tyagi A**. Intra-abdominal hypertension in pregnancy: Need for generating more evidence before providing sound clinical management recommendations. *Acta Obstet Gynecol Scand*. 2019 Nov;98(11):1485. doi: 10.1111/aogs.13676. Epub 2019 Jun 27.
13. Ramanujam M, **Tyagi A**, Garg D. Chicken pox in pregnancy: Choice of anaesthetic technique. *Indian J Anaesth* 2019;63 (6):501-3. doi: 10.4103/ija.IJA\_53\_19.
14. Chugh V, **Tyagi A**, Arora V, Tyagi A, Das S. Low tidal volume ventilation strategy and organ functions in patients with pre-existing systemic inflammatory response. *J Anaesthesiol Clin Pharmacol* 2019 Oct-Dec;35(4):460-467. doi: 10.4103/joacp.JOACP\_112\_18.
15. Ramanujam M, Gulati S, **Tyagi A**. Malignant hyperthermia: An Indian perspective. *J Anaesthesiol Clin Pharmacol*. 2019 Oct-Dec;35(4):557-558. doi: 10.4103/joacp.JOACP\_243\_18.
16. Luthra A, **Tyagi A**. [TIMP-2]\*[IGFBP7] for predicting early AKI. *Anaesth Crit Care Pain Med*. 2019 Dec;38(6):677. doi: 10.1016/j.accpm.2018.11.011.
17. Arora V, **Tyagi A**, Ramanujam M, Luthra A. Intraabdominal Pressure in Non-laboring Preeclamptic vs. Normotensive Patients Undergoing Cesarean Section: A Prospective Observational Study. *Acta Obstet Gynecol Scand*. 2019 Oct 23. doi: 10.1111/aogs.13757. [Epub ahead of print]
18. **Tyagi A**, Luthra A, Garg D. Critically Ill Obstetric Patients: Much more than Meets the Eye. *Indian J Crit Care Med* 2019;23(10):493.
19. Salhotra R, **Tyagi A**. Medication errors: They continue. *J Anaesthesiol Clin Pharmacol*. 2019 Jan-Mar;35(1):1-2. doi: 10.4103/joacp.JOACP\_88\_19.
20. Tyagi A, Sethi AK, Salhotra R, **Tyagi A**. Nonpneumatic Anti-Shock Garment versus Intermittent Sequential Compression Device for Prevention of Postspinal Hypotension in Patients Undergoing Cesarean Section: A Randomized Controlled Study. *Anesth Essays Res*. 2019 Apr-Jun;13(2):383-388. doi: 10.4103/aer.AER\_83\_19.
21. Mohta M, Dubey M, Malhotra R K, **Tyagi A**. Comparison of the potency of phenylephrine and norepinephrine bolus doses used to treat post-spinal hypotension during elective caesarean section. *Int J Obstet Anesth*. 2019; 38: 25–31.
22. **Tyagi A**, Gupta YR, Das S, Rai G, Gupta A. Effect of Segmental Thoracic Epidural Block on Pancreatitis Induced Organ Dysfunction: A Preliminary Study. *IJCCM*; 2019 Jan; 23(2): 89-94. DOI: 10.5005/jp-journals-10071-23123.
23. **Tyagi A**, Verma G, Luthra A, Lahan S, Das S, Rai G, Sethi AK. Risk of Early Postoperative Acute Kidney Injury with Stroke Volume Variation Guided Tetrastarch versus Ringers Lactate. *Saudi J Anaesth*. 2019 Jan-Mar;13(1):9-15. doi: 10.4103/sja.SJA\_410\_18.
24. **Tyagi A**, Salhotra R. Total hip arthroplasty and peripheral nerve blocks: Limited but salient role? *J Anaesthesiol Clin Pharmacol* 2018 Jul-Sep;34(3):379-380. doi:10.4103/joacp.JOACP\_114\_18.

25. **Tyagi A**, Lahan S, Verma G, Das S, Kumar M. Role of Intra-Abdominal Pressure in Early Acute Kidney Injury: A Prospective Cohort Study in Critically ill Obstetric Patients. *Indian J Crit Care Med*. 2018 Aug;22(8):602-607. doi: 10.4103/ijccm.IJCCM\_170\_18.
26. Arora V, **Tyagi A**, Verma G. Prediction of outcome in perforation peritonitis: Sequential organ function assessment score and inflammatory mediators. *J Anaesthesiol Clin Pharmacol*. 2018 Apr-Jun;34(2):253-254. doi:10.4103/joacp.JOACP\_91\_17.
27. **Tyagi A**, Luthra A, Kumar M, Das S. Epidemiology of Acute Kidney Injury and Role of Urinary [TIMP-2] • [IGFBP7]: A Prospective Cohort Study in Critically Ill Obstetric Patients. *Int J Obstet Anesth*. 2018 Nov;36:77-84. doi: 10.1016/j.ijoa.2018.08.002.
28. **Tyagi A**, Kumar M. Thoracic epidural in Pancreatitis. *Crit Care Med*. 2018 Jul;46(7):e720-e722. doi: 10.1097/CCM.0000000000003066.
29. Das S, Tigga R, Rai G, Singh PK, Datt S, **Tyagi A**, Singh NP. Candida auris colonization in an immunocompetent patient: A new threat in medical ICU. *Medical Mycology Case Reports* 2018; 21:54–56.
30. **Tyagi A**, Ramanujam M. Epidural volume extension. *Anaesthesia*. 2018 May;73(5):645. doi: 10.1111/anae.14267.
31. **Tyagi A**, Kakkar A, Niwal N, Mohta M, Sethi AK. Effect of intravenous phenylephrine infusion on dose requirement of intrathecal plain levobupivacaine for cesarean section: A placebo-controlled preliminary study. *Saudi J Anaesth*. 2017 Oct-Dec;11(4):421-426. doi:10.4103/sja.SJA\_269\_17.
32. **Tyagi A**, Singh S, Kumar M, Sethi AK. Intra-abdominal pressure and intra-abdominal hypertension in critically ill obstetric patients: a prospective cohort study. *Int J Obstet Anesth*. 2017 Nov;32:33-40.; doi: 10.1016/j.ijoa.2017.05.005.
33. **Tyagi A**. Thoracic epidural block in sepsis: Looking beyond the known. *J Anaesthesiol Clin Pharmacol* Apr-June 2017;33:148-50.
34. Kakkar A, **Tyagi A**. Dose of propofol for successful insertion of I-gel and laryngeal mask airway. *J Anaesthesiol Clin Pharmacol* Apr-June 2017;33:265.
35. Kakkar A, **Tyagi A**, Sethi AK. Intra-operative mechanical ventilation in amebic liver abscess surgery: Another paradigm. *J Anaesthesiol Clin Pharmacol* Jan-March 2017;33:125-6.
36. Arora V, **Tyagi A**, Kumar S, Kakkar A, Das S. Intraoperative low tidal volume ventilation strategy has no benefits during laparoscopic cholecystectomy. *J Anaesthesiol Clin Pharmacol* Jan-March 2017;33:57-63.
37. **Tyagi A**, Salhotra R. Lower tidal volumes through ProSeal laryngeal mask airway as compared to endotracheal tube? *J Anaesthesiol Clin Pharmacol* October 2016; 32(4):543.
38. **Tyagi A**, Bansal A, Das S, Sethi AK, Kakkar A. Effect of thoracic epidural block on infection-induced inflammatory response: A randomized controlled trial. *J Crit Care* 2016 Oct 18;38:6-12.
39. Kakkar A, **Tyagi A**, Nabi N, Sethi A K, Verma UC. Comparison of clonidine and dexmedetomidine for attenuation of laryngoscopy and intubation response – A randomized controlled trial. *J Clin Anesthesia* 2016; 33: 283-88.
40. **Tyagi A**. Unspoken. *Hektoen International*. Volume 7, Issue 3 - Summer 2015 ISSN 2155-3017
41. Sharma JP, Salhotra R, Kumar S, **Tyagi A**, Sethi AK. Noninvasive lung recruitment maneuver prevents reintubation and reduces ICU stay. *Lung India*. 2016 Jan-Feb;33(1):99-101.
42. **Tyagi A**, Venkateswaran V, Jain AK, Verma UC. Cost analysis of three techniques of administering sevoflurane. *Anesthesiol Res Pract* 2014;459432:1-6.
43. Sethi AK, Desai M, **Tyagi A**, Kumar S. Comparison of combitube, easy tube and tracheal tube for general anesthesia. *J Anaesthesiol Clin Pharmacol*. 2014;30(4):526-32.
44. **Tyagi A**, Kumar S, Salhotra R, Sethi AK. Minimum effective volume of normal saline for Epidural Volume Extension. *J Anaesthesiol Clin Pharmacol* 2014;30(2):228-32.

45. **Tyagi A**, Chugh V, Kumar S, Sethi AK. Presentation of research in anesthesia: Culmination into publication? *J Anaesthesiol Clin Pharmacol* 2013;29(2):216-20.
46. **Tyagi A**, Kumar S, Sethi AK, Dhaliwal U. Factors influencing career choice in anaesthesiology. *Indian J Anaesth* 2012;56(4):342-7.
47. **Tyagi A**, Sharma C, Kumar S, Sharma D, Jain A, Sethi A. Epidural volume extension: a review. *Anaesth Intensive Care* 2012;40(4):604-13.
48. Salhotra R, Sharma C, **Tyagi A**, Kumar S, Sethi AK, Bhatt S. An unanticipated difficult airway in Lesch-Nyhan syndrome. *J Anaesthesiol Clin Pharmacol* 2012;28(2):239-41.
49. **Tyagi A**. Reply to dr. Makkar et al. *Reg Anesth Pain Med*. 2012;37(4):462.
50. Jain AK, Kumar S, **Tyagi A**. Practice trends in use of morphine for control of intraoperative pain: An audit. *J Anaesthesiol Clin Pharmacol* 2012;28(1):62-5.
51. **Tyagi A**, Kakkar A, Kumar S, Sethi AK, Salhotra R. ED50 of hyperbaric bupivacaine with fentanyl for cesarean delivery under combined spinal epidural in normotensive and preeclamptic patients. *Reg Anesth Pain Med* 2012;37(1):40-4.
52. **Tyagi A**. Regional anesthesia in anticoagulated patients. *J Clin Anesth* 2011;23(7):587.
53. **Tyagi A**, Kumar A, Girotra G, Sethi AK. Combined spinal epidural and epidural volume extension: Interaction of patient position and hyperbaric bupivacaine. *J Anaesthesiol Clin Pharmacol* 2011;27(4):459-64.
54. **Tyagi A**, Kumar S, Salhotra R. Sequential combined spinal epidural block. *Indian J Anaesth* 2011;55(4):430-1.
55. **Tyagi A**, Seelan S, Sethi AK, Mohta M. Role of thoracic epidural block in improving post-operative outcome for septic patients: a preliminary report. *Eur J Anaesthesiol* 2011;28(4):291-7.
56. **Tyagi A**, Kumar R, Sethi AK, Mohta M. A comparison of pressure-controlled and volume-controlled ventilation for laparoscopic cholecystectomy. *Anaesthesia*. 2011;66(6):503-8.
57. **Tyagi A**, Gupta U, Kumar A, Sethi AK, Mohta M. Role of repeated epidural injections in preventing post-spinal hearing loss. *J Clin Anesth* 2010;22(8):587-91.
58. **Tyagi A**, Agrawal D, Gupta S, Kumar A, Mohta M, Sethi AK. Role of Breathing System Filter in Prevention of Postoperative Nosocomial Respiratory Infection: A Pilot Study. *J Anaesth Clin Pharmacol* 2010; 26(3): 345-9.
59. Jain AK, **Tyagi A**, Kumar S. Manufacturing Defect in a Single Use Flexible Catheter Mount. *J Anaesth Clin Pharmacol* 2010; 26(3): 422-423.
60. Mohta M, Agarwal D, Gupta LK, Sethi AK, **Tyagi A**. Potency of mephentermine for prevention of post-spinal hypotension. *Anaesth Intensive Care* 2009;37(4):568-70.
61. **Tyagi A**, Behl N, Dey D, Sethi AK. Esophageal Foreign Body masquerading as Myocardial Infarction with AV block. *Anesth Analg* 2010;110(2):641-2.
62. Mohta M, Janani SS, Sethi AK, Agarwal D, **Tyagi A**. Comparison of phenylephrine hydrochloride and mephentermine sulphate for prevention of post spinal hypotension. *Anaesthesia* 2010;65(12):1200-5.
63. Agarwal D, Mohta M, **Tyagi A**, Sethi AK. Subdural block and the anaesthetist. *Anaesth Intensive Care* 2010;38(1):20-6.
64. **Tyagi A**, Sethi AK, Girotra G, Mohta M. The microcirculation in sepsis. *Indian J Anaesth* 2009; 53(3):281-93.
65. **Tyagi A**, Girotra G, Kumar A, Kumar S, Kumar Sethi A, Mohta M. Single-shot spinal anaesthesia, combined spinal-epidural and epidural volume extension for elective caesarean section: a randomized comparison. *Int J Obstet Anesth* 2009;18(3):231-6.

66. **Tyagi A**, Ghaus MS, Girotra G, Chaudhary S, Bhardwaj R, Mohta M, Sethi AK. Inspiratory Stridor Following Oral Mercurous and Mercuric Chloride Poisoning. *J Anaesth Clin Pharmacol* 2009;25(2):235-6.
67. Kumar A, **Tyagi A**. Dixon and massey's method: the starting dose. *Anesth Analg* 2009;108(1):378.
68. **Tyagi A**. Sequential allocation method. *Anesth Analg* 2009;108(1):379.
69. Mohta M, Verma P, Saxena AK, Sethi AK, **Tyagi A**, Girotra G. Prospective, randomized comparison of continuous thoracic epidural and thoracic paravertebral infusion in patients with unilateral multiple fractured ribs--a pilot study. *J Trauma* 2009;66(4):1096-101.
70. Mohta M, Kumari N, **Tyagi A**, Sethi AK, Agarwal D, Singh M. Tramadol for prevention of postanaesthetic shivering: a randomised double-blind comparison with pethidine. *Anaesthesia* 2009;64(2):141-6.
71. Garkoti R, Sethi AK, **Tyagi A**, Mohta M, Agarwal D. Depth of femoral and sciatic nerves and its correlation with anthropometric parameters. *J Anesth Clin Pharmacol* 2009;25(1):59-62.
72. Chugh S, **Tyagi A**, Kumar A. Repeated successful anaesthesia in a 110-year old. *Injury* 2008;40(1):112-3.
73. **Tyagi A**, Kumar A, Sethi AK, Mohta M. Epidural Volume Extension and Intrathecal Dose Requirement: Plain versus Hyperbaric Bupivacaine. *Anesth Analg* 2008;107(1):333-8.
74. **Tyagi A**. Epidural volume extension and role of baricity. *Eur J Anaesthesiol* 2008;25(7):609-10.
75. Mohta M, Agarwal D, Gupta LK, **Tyagi A**, Gupta A, Sethi AK. Comparison of potency of ephedrine and mephentermine for prevention of post-spinal hypotension in caesarean section. *Anaesth Intensive Care* 2008;36(3):360-4.
76. Mohta M, Bhagchandani T, **Tyagi A**, Pendse M, Sethi AK. Haemodynamic, electrolyte and metabolic changes during percutaneous nephrolithotomy. *Int Urol Nephrol* 2008;40(2):477-82.
77. **Tyagi A**, Girotra G, Mohta M, Bhardwaj R, Sethi AK. Autonomic Dysfunction and Adrenal Insufficiency in Thoracic Spine Tuberculosis. *Clin Orthop Relat Res* 2007;460:56-61.
78. **Tyagi A**, Sethi AK, Mohta M, Bhardwaj R, Kansal A, Girotra G. Effect of Preemptive Interpleural Block on the Haemodynamic Parameters During Open Cholecystectomy. *J Anesth Clin Pharmacology* 2007; 23(1): 47-52.
79. Singh M, Ahuja S, Mohta M, **Tyagi A**. Undergraduate Medical Students Assessment of a revised curriculum – How effective? *J Anesthesiol Clinical Pharmacol* 2006;22 (4):399-402.
80. Bhagchandani T, Mohta M, Sethi AK, **Tyagi A**. Laryngotracheal hypoplasia: A rare cause of difficult intubation. *Anaesth Intensive Care* 2006; 34: 107-110.
81. Mohta M, Kumar P, Mohta A, Bhardwaj R, **Tyagi A**, Sethi AK. Experiences with chest trauma: Where do we stand today? *Ind J Critical Care Med* 2006;10(1):25-8.
82. Singh M, Mohta M, Sethi AK, **Tyagi A**. Efficacy of dexamethasone pretreatment for alleviation of propofol injection pain. *Eur J Anaesthesiol*. 2005;22(11):888-90.
83. Kansal A, Mohta M, Sethi AK, **Tyagi A**, Kumar P. Randomized trial of intravenous infusion of ephedrine or mephentermine for management of hypotension during spinal anaesthesia. *Anaesthesia* 2005;60(1):28-34.
84. Ramachandran R, Gaur A, **Tyagi A**, Sethi AK, Mohta M. An unusual complication of central venous cannulation. *J Anesth Clin Pharmacology* 2005;21(2):225-30.
85. **Tyagi A**, Kathuria H, Bhattacharya A. Prediction of Outcome in Eclampsia Patients. *J Anesth Clin Pharmacol* 2005;21(3):287-92.
86. Mittal MK, Sethi AK, **Tyagi A**, Mohta M. Awareness about anaesthesiologist and the scope of anaesthesiology in non-surgical patients and their attendants. *Ind J Anaesth* 2005;49(6):492-8.
87. **Tyagi A**, Sethi A K, Agrawal V, Mohta M. Intraoperative Diagnosis of Rate Dependent Left Bundle Branch Block. *Anaesth Intensive Care* 2004;32(5):715-8.

88. **Tyagi A**, Kumar R, Bhattacharya A, Sethi AK. Filters in anaesthesia and intensive care- A review. *Anaesth Intensive Care* 2003;31:418-33.
89. Mohta M, Sethi AK, **Tyagi A**, Mohta A. Psychological care in trauma patients. *Injury* 2003;34:17-25.
90. Sethi AK, Sharma P, Mohta M, **Tyagi A**. Shock – A short review. *Indian J Anaesth* 2003;47(5):345-59.
91. **Tyagi A**, Bhattacharya A. Central Neuraxial Blocks and anticoagulants. *Eur J Anaesthesiol* 2002,19: 522.
92. **Tyagi A**, Bhattacharya A. Central Neuraxial Blocks and anticoagulants – A review of current trends. *Eur J Anaesthesiol* 2002;19:317-29.
93. **Tyagi A**, Rautela R, Bhattacharya A. Renal tubular acidosis presenting with respiratory arrest. *Indian J Paed* 2002; 69:197.
94. **Tyagi A**, Chawla R, Sethi AK, Bhattacharya A. Porphyria with respiratory insufficiency- Case reports. *Journal of Association of Physicians of India* 2002; 50: 443-5.
95. **Tyagi A**, Ahuja S, Bhattacharya A. Undergraduate Medical Student's Assessment of Teaching Curriculum – A cross sectional study. *Indian J Anaesth* 2002;46(3):186-8.
96. **Tyagi A**, Sethi AK, Chatterji C. Comparison of isoprenaline with adrenaline as components of epidural test dose solutions for halothane anaesthetized children–*Anaesth Intensive Care* 2002;30(1): 29-35.

#### **B) Research publications (Non-indexed Journals/others)**

97. Sethi AK, Mohta M, **Tyagi A**. Geriatric trauma- A short review. *MJDYPU (Medical Journal D Y Patil University)* 2009; Volume 02:3-9.
98. **Tyagi A**, Sharma P, Sethi AK, Bhardwaj R, Mohta M. Epidemiologic profile and risk factor analysis of trauma patients admitted to an ICU. *Asian Archives Anesth Resusc* 2010; 70 (1): 1825-30.
99. Sethi AK, **Tyagi A**, Mohta M. Management of Septicaemic Shock: Whats new? *MJDYPU (Medical Journal D Y Patil University)* 2008 ; Volume 03:3-12.  
Sethi AK, Arora A, **Tyagi A**, Mohta M. Right-sided spontaneous diaphragmatic hernia with hydropneumothorax – A Difficult Diagnosis? *SAARC J Anaesth* 2008;1(1):94-6.
- 100 **Tyagi A**. International Guidelines for Management of severe sepsis and septic shock (2008). *ISA News Bulletin*; September 2008. No. 4: 3-5.
- 101 **Tyagi A**. Non-Cardiac surgery in patients of CAD- Newer concepts. In: “Sanjeevani”-CME lectures; 56<sup>th</sup> National Conference of ISA. December 2008: 118-25.
- 102 **Tyagi A**. Microcirculation in Sepsis. In: *Proceedings of Critical Care* 2007;67-72.
- 103 Sethi AK, **Tyagi A**. Trauma untamed – as yet (Editorial). *Trauma Care* 2002;11(2): 89-90.
- 104 **Tyagi A**, Garkoti R, Bhattacharya A. Changing trends in ventilation: Open Lung Management. *Hospital Today* VI (7): 437-40.
- 105 **Tyagi A**, Sethi AK. Tissue Oxygenation. *Anaesthesia Vibrations – Official News Bulletin of ISA*; 2001; (Delhi Chapter).
- 106 Sethi AK, **Tyagi A**. “Brain Teasers”. Monthly anaesthesiology quiz in *Anaesthesia Vibrations – Official News Bulletin of ISA (Delhi Chapter)*. July 2001 – March 2002.

#### **C) Chapters in Book**

- 107 **Tyagi A**. Pathophysiology of obstructive and restrictive lung diseases. In: *Learning Outcome Based Physiology, Volume II Respiratory System*; Eds: Bhattacharya N, Kumari U; Blue Rose publishers, April 2019.
- 108 **Tyagi A**, Salhotra R. Frailty and Anaesthesia. In: *Yearbook of Anesthesiology* 9. Eds: Sehgal R, Trikha



- A; 2020; Jaypee Brothers Medical Publishers (P) Ltd.
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