**List of Publications of Prof(Dr) Sampa Dutta Gupta :**

**A .Original research articles:**

1. Rimjim Chakma, Sampa Dutta Gupta, Avijit Karmakar, Siddhi Banerjee, Saptaki Majumder.Comparison between albumin and crystalloid as priming solution In cardiopulmonary bypass paediatric cyanotic heart disease Patients admitted for surgery.International Journal of Scientific research.Volume - 13 | Issue - 03 | March - 2024 | PRINT ISSN No. 2277 - 8179 | DOI : 10.36106/ /ijsr
2. Lini srivastava . Das Haripada. Sampa Dutta Gupta. Soumyadip Pal . Aditi Das . . An intra operative transesophageal echocardiographic study to compare the effect of Sevoflurane and isoflurane on left ventricular dysfunction in patients with ischemic heart disease indergoing coronary artery by pass grafting using cardiopulmonary bypass. vol 10 . issue 10 . October 2021
3. Dr kangkan Sharma, Dr Haripada Das , Dr Sampa Dutta Gupta ,Dr Aditi Das, Dr Soumyadip Pal, Dr Tulip Jana, Dr Lini Srivastava ,Dr Shabahat Ali Siddiqui , Dr Animesh Makal. A study to explore correlation between transpulmonary gradient and Pulmonary artery systolic pressure for identification of right heart dysfunction. A prospective observational study. International journal of scientific research volume - 9 | issue - 11 | november - 2020 | print issn no. 2277 - 8179 | doi : 10.36106/ijsr
4. Soumyadip Pal\* Haripada Das, Lini Srivastava, Sampa Dutta Gupta. A study to predict post cross clamp venous oxygen saturation by Tricuspid annular plane systolic excursion and transpulmonary gradient in chronic obstructive pulmonary disease patients undergoing on pump coronary artery bypass grafting. International journal of scientific research. Volume - 9 | Issue - 10 | October - 2020 | PRINT ISSN No. 2277 - 8179 | DOI : 10.36106/ijsr.
5. Dr. Saikat Majumdar1. Prof. Sampa Dutta Gupta2, Dr.Soumyadip Pal3, Dr. Kankhan Sarma4, Dr. Partha Sarthi Das5. Efficacy Of spirometric Lung Exercise On Patients Of Chronic Obstructive Pulmonary Diseases Posted For Off-Pump Coronary Artery Bypass Grafting Surgery – A comparative Study. IOSR Journal of Dental and Medical Sciences (IOSR-JDMS) e-ISSN: 2279-0853, p-ISSN: 2279-0861.Volume 18, Issue 4 Ser. 12 (April. 2019), PP 19-24 [www.iosrjournals.org](http://www.iosrjournals.org).
6. Prof (Dr) Sampa Dutta Gupta**.** Assessment of insulin sensitivity in obese, nondiabetic subjects undergoing infraumbilical surgery and its variation with general and regional anaesthesia – a prospective randomized study. Paripex - Indian Journal Of Research Volume-7 | Issue-6 | June-2018 | Print Issn No 2250-1991
7. Assessment of insulin sensitivity in obese,nondiabetic subjects undergoing infra -umbilical abdominal surgeries. Sampa Dutta Gupta, Samarendranath Samui, Sushovan chakraborty, Aritra Bhattacharyya. INTERNATIONAL JOURNAL OF SCIENTIFIC RESEARCH APRIL 2017, pg 440 vol 6 . 2017 April vol 6. On 30.7.18
8. intraoperative blood glucose level changes between obese and non-obese non-diabetic patients undergoing general anaesthesia for creniotomy surgeries soumaya Chakraborty, sampa Dutta gupta , indrani chakraborty, aritra bhattacharya Journal of Anaesthesia & Critical Care: Open access 2018;10(5):162 -165.

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1. A comparison of post operative analgesic efficacy of Bupivacaine fentanyl combination versus ropivacaine Fentanyl combination in caudal blockade in pediatric Patients undergoing infraumbilical surgery. Pabitra das, Haripada das, Sampa Dutta Gupta , saikat majumdar, A.K.sing, Aritra bhattacharya INTERNATIONAL JOURNAL OF SCIENTIFIC RESEARCH.
2. Effect of starvation times on blood glucose of mother and her full term newborn before spinal anaesthesia for elective caesarean section. Sampa Dutta Gupta. Tanushree mondal. Sulagna Bhattacharya . Col AK Singh. Sunanda Maji. Mouli Bhattacharya Saikat Bhattacharya. "Journal of Anesthesia & Critical Care: Open Access" <anesthesia@medcraveonline.us. Acceptance for publication: JACCOA-16-RA-315 on  22/08/2016.
3. Neurogenic stress cardiomyopathy. Sampa Dutta Gupta.CME.ISAJAC. November -2015.
4. A comparative study of post operative analgesic effect of intra-articular levobupivacaine and levobupivacaine with fentanyl in arthroscopic knee surgery. Global journal for research analysis. Haripada Das. . Sankar Pal . Sampa Dutta Gupta. . Bimal kumar Hajra A. Bhattacharya Volume-5, issue-8, August - 2016 • ISSN No 2277 – 8160.
5. Effect of intravenous bolus esmolol on changes in heart rate during laryngoscopy and endotracheal intubation under general anesthesia in patients with mitral stenosis posted for closed mitral commissurotomy . International Journal of Medical Science and Public Health . Chhandasi Naskar1, Shreyasee Naskar2, Sampa Dutta Gupta3, Tapas Ghose4, Anupam Goswami5, Samarendra Pal6 | 2016 | Vol 5 | Issue 08.
6. Changes in Qtc interval with ondansetron vs palanosetron in prophylaxis of postoperative nausea and vomiting in subjects undergoing general anaesthesia – A randomized controlled trial. Dr. S Dutta Gupta, Dr. S Bhattacharya, Dr.T Mandal, Col Dr.A k Singh, Dr. S Biswas,Dr. H Das. International Journal of Scientific Research .Vol5, Issue 5.May 20th. 2016 .ISSN No 2277 -8179.pg36-39.
7. A Comparative Study Of Effects Of Standard And Low Dose Intrathecal Bupivacaine To Find Out Correlation Between Age And Haemodynamic Changes As Well As On Early Ambulation In Patients Undergoing Trans-Urethral Resection Of Prostate. S Dutta Gupta1, Dr. A.K.Singh2, Dr. D. Adhikari3\*, Dr. S.Bhar Kundu3, Dr. S. Pal4, Dr. S. Sinha5 . International Research Journal of Natural and Applied Sciences Vol. 2, Issue 8, August 2015 IF- 2.818 ISSN: (2349-4077) © Associated Asia Research Foundation (AARF).
8. A Clinical trial comparing levobupivacaine, standard and low dose bupivacaine for subarachnoid block to compare the haemodynamic changes as well as effect on early ambulation in patients undergoing trans urethral resection of prostate. Dhiman Adhikari, Sampa Dutta Gupta, Sandip Sinha, Anindita saha and Sudeshna Bhar Kundu. International Journal of Basic and Applied sciences 2015 May – August. Vol-4 (2) pg 44-51.
9. Influence of naloxone infusion on quality and duration of analgesia produced by thoracic epidural morphine and bupivacaine**.** Sri Lankan Medical Journal**.** Vol 22. No 2 (2014)
10. S Dutta Gupta, S Majhi...Caudal Epidural Bupivacaine versus Bupivacaine and Neostigmine Combination in Infraumbilical Surgeries in Children. INDIAN MEDICAL GAZETTE2014
11. Das S.1, Dutta Gupta S 2, Goswami A3, Sarbapalli S4, Mukherjee M.5. Comparative study of heart rate responses to laryngoscopic endotracheal intubation and to endotracheal intubation using intubating laryngeal mask airway under general anaesthesia in patients with pure mitral stenosis for closed mitral commissurotomy, open mitral commissurotomy and mitral valve replacement surgery.Journal of the Indian Medical Association. April 2013.vol.111.No.04 p239-245
12. Dutta. Gupta S, Roy S1, Mitra K2, Bhar. Kundu S, Maji3 S, Sarkar A4, Bhattacharya S, D. Roy C5, Sen S, Basu M. Effect of QTc interval on prediction of hypotension following subarachnoid block in patients undergoing caesarean section: A comparative study. Journal of Obstetric Anaesthesia and Critical Care. Jul –Dec 2012. Vol 2 issue 2.p.79 – 85.
13. Dutta Gupta S, Kundu SB, Ghose T, Maji S, Mitra K, Mukherjee M, *et al*. A comparison between volume-controlled ventilation and pressure-controlled ventilation in providing better oxygenation in obese patients undergoing laparoscopic cholecystectomy. Indian Journal of Anaesthesia**2**012 56:276 – 82
14. Bhar (Kundu) S1, Dutta Gupta S2, Ghose T 1, Kanti Kundu K2, Ray M 3 Difficult endotracheal tube cuff deflation: an unusual observation. Sri Lankan Journal of Anaesthesiology 20 (1) : 96 – 97 (2012) Place of Publication - Srilanka.
15. Dutta Basu R, Dutta Gupta S, Ghosal K A, Biswas A, Maji S, Das S. A comparative study between anatomical landmark and nerve stimulator guidedsupraclavicular brachial plexus block for neurovascular variations in topographic anatomy of brachial plexus. International Journal of Basic and Applied Medical Sciences ISSN: 2277-2103 (Online) An Online International Journal Available at http://www.cibtech.org/jms.htm 2012 Vol. 2 (1) January-April, pp.117 -125/ Basu et al. Place of publication - INDIA.
16. Dutta Gupta S, Pal R, Sarkar A, Mukherjee S, Mitra K, Roy S, Sarbapalli D, Kundu KK, Zaman FA, Kar S. Evaluation of Ondansetron-induced QT interval prolongation in the prophylaxis of postoperative emesis**.** J Nat Sc BiolMed 2011;2:119-24. Place of publication - Ireland
17. Dutta Gupta S, Mitra K, Mukherjee M, Roy S, Sarkar A, Kundu S, Goswami A, Sarkar N.U, Sanki P, Mitra R. Effect of magnesium on thoracic epidural analgesia. Saudi Journal of Anaesthesia January-March 2011 / vol 5 / issue 1 Place of publication- Saudi Arabia
18. Mandal S, Basu M, Kirtania J, Sarbapalli D, Pal R, Kar S, Kundu KK, Sarkar U, Dutta Gupta S **.**  Impact of general versus epidural anesthesia on early post-operative cognitive dysfunction following hip and knee surgery **.** Journal of emergency ,Trauma,Care and Shock. 2011| January-March  | Volume 4 | Issue 1.
19. Mukherjee M, Goswami A , Dutta Gupta S , Sarbapalli D, Pal R, Kar S. Analgesia in post – thoracotomy patients :Comparison between thoracic epidural and thoracic paravertebral blocks. Anesthesia : Essays and Researches. 2010 . vol 4. issue 2. Place of publication – Saudi Arabia.
20. Dutta Gupta S, Das S, Ghose T1, Sarkar A2, Goswami A, Kundu S. Controlled transient respiratory arrest along with rapid right ventricular pacing for improving balloon stability during balloon valvuloplasty in pediatric patients with congenital aortic stenosis – A retrospective case series analysis. Annals of Cardiac Anaesthesia . 2010 Sept – Dec issue.13.3
21. Dutta Gupta S, Pal S, Goswami A, Bhadra S, Mandal S, Naskar C, Mukherjee S, Boral D. A comparative study to determine the effect of intravenous magnesium on postoperative bleeding after on pump CABG in patients receiving pre-operative aspirin. Indian Journal of Anaesthesia. 53(2); 197 – 203: 2009.
22. Dutta Gupta S, Mandal S, Naskar C Mukherjee S, Kundu KK, Sah SK. Caudal epidural bupivacaine alone versus bupivacaine – low dose morphine combination in paediatric infraumbilical surgeries for post operative analgesia. Journal of Anaesthesiology Clinical Pharmacology. 25(2); 183-186: 2009.
23. Basu M, Dutta Gupta S, Ghosh Dastidar (Bose) A , Mukherji S, Kundu KK, Roy S. Comparative study of the efficacy of intravenous midazolam and propofol as induction agent to attenuate haemodynamic response of laryngoscopy and intubation” Journal of medical society. 23(2);67- 72: 2009.
24. Dutta Gupta S, Ghosh K, Garai D, Pal S, Ghose T, Goswami A, Sarkar UN. Management of a case of pregnancy with Eisenmenger’s syndrome posted for emergency LUCS with low dose Spinal Anaesthesia supplemented with continuous epidural infusion postoperatively. Indian Medical Journal. 102(1); 15 – 17: 2008.
25. Dutta Gupta S, Ghose T, Goswami A, Pal S, Sarkar A. Maintenance of stability during balloon positioning in balloon dilatation of valvular aortic stenosis in paediatric cardiac cath lab – a new anaesthetic technique. Journal of Medical Society. 22( 3); 143-148: 2008.
26. Dutta Gupta S, Pareek A, Ghose T, Sarkar UK, Mukherjee S, Goswami A, Sarbapalli D, Pal S. Management of postoperative hypoxaemia in patients following upper abdominal laparoscopic surgery. – A comparative study. Indian Journal of Anaesthesia. 52 ( 2); 185 – 191: 2008.
27. Sarkar UN, Dutta Gupta S, Srivastava DK, Rai N, Das D, SenGupta G, Bhattacharya S, Ghosh K, Dutta S, Shanki P. A comparative study between off pump and on pump beating heart coronary artery bypass graft surgery – a retrospective analysis. Indian Medical Journal. 102. (1); 18 -20: 2008.
28. Kirtania J, Ghosh K, Dutta Gupta S, Goswami A. Sarkar UN, Bhattacharya S. Perioperative management of a child with JERVELL and LANGE-NIELSEN syndrome. Journal of the Indian medical Association. Accepted for publication. Ref no ED/HAE/88/2006-2007/278. Dated 25.4.2008.
29. Bhattacharya S, Sarkar UN, Sadique JV, Dutta Gupta S, Sanki P, Bhadra S, Goswami A Ghosh K. Closure of Atrial Septal Defect in a case of Gilbert’s Syndrome. Indian Medical Journal. 102 (1); 4-9: 2008.
30. Dutta Gupta S, Mukhopadhyay S, Das A, Sarbapalli D, Pal S. Comparative study between tramadol and clonidine in prevention of postoperative shivering following general anaesthesia for exploratory laparotomy. Journal of medical society. 21( 1 );13-17: 2007.
31. Basu M, Dutta Gupta S, Mukhopadhyay S, Saha S. Anaesthetic management of bilateral pheochromocytoma in a young female patient. Indian Journal of Anaesthesia. 51(.3) ; 237-240: 2007.
32. Sadique JV, Srivastava DK, Das D, Dutta S, Sanki PK, Dutta Gupta S, Sengupta G, Bhattacharjee S, Sarkar UN, Goswami A. Management of hidden problems of corrosive stricture oesophagus; A retrospective study. Indian medical journal. 101( 6); 203 – 205 : 2007.
33. Das D, Rai N, Srivastava DK, Sadique JV, Sanki PK, Dutta Gupta S, Sengupta G, Bhattacharjee S, Sarkar UN, G. A successful management of a case of pure red cell aplasia – A case report. Indian medical journal. 101( 6); 215 – 218. 2007.

1. Piplai G, Acharya A, Rudra J, Biswas N, Chatterjee R, Dutta Gupta S, Sarkar U N .A comparison of the efficacy of epidural butorphanol and tramadol as post operative analgesics in lower abdominal surgery.Indian medical journal. 100 (12); 411-415: 2006.
2. Guha Biswas R, Sarkar U, Gupta K, Ray Chaudhuri J, Dutta Gupta S, Mukherjee P. Peri-operative anaesthetic management of neonates for surgical emergencies. Journal of Indian Medical Association. 104 (4);190 – 194.: 2006.

1. Dutta Gupta S, Laha B,Ghosh K, Gupta K. Efficacy of fentanyl, tramadol, and parecoxib for providing peroperative analgesia during skin Grafting operation. Indian Journal of Pain. 18( 2 ); 55-59: 2004.
2. Dutta Gupta S, Sarbapalli D . Problem with NIBP, Its management by own self – suggestions to manufacturer in up gradation of softer . Indian Journal of Anaesthesia., 48 (3); 235 : 2004.
3. Dutta Gupta S, Dutta RR, Choudhury A, Roy J, Sen C, Sarkar U, Choudhury G Goswami A, Mukherjee P. Hyperthermia – Its Anaesthetic implication in emergency surgery. Bulletin of Institute of postgraduate medical education and research. Kolkata.. 3(2);12 – 16: 2004.
4. Paul S, Dutta Gupta S, Ghosh K, Kirtania J, Gupta K, Sarbapally D, Paul S, Preventive management of patients with full stomach during anaesthesia and surgery. Bulletin of Institute of postgraduate medical education and research. Kolkata. 3 ( 1); 31-33: 2004.

B. **Books and Books Chapters:**

1. Editor . Anaesthesiology updates for postgraduates. 4th edition . Jaypee brothers publications 2014
2. Editor: Sampa Dutta Gupta. Guidelines from blossoming flowers. For anaesthesiology post graduates January 2016.1st edition.
3. Dutta Gupta S,Kundu S. editors. Anaesthesiology updates for postgraduates. Cancer Care Publications. Cuttack. December 2010 Vol.1,
4. Dutta Gupta S,Kundu S. editors. Anaesthesiology updates for postgraduates. Cancer Care Publications. Cuttack. November 2011Vol.II.
5. Dutta Gupta S,Sarkar S. editors. Cardiac Anaesthesiology Updates. Cancer Care Publications. March 2011.
6. Dutta Gupta S,Kundu S. editors. Anaesthesiology updates for postgraduates. Cancer Care Publications. Cuttack. November 2012 Vol.III.
7. Ray M, Dutta Gupta S. Good Bye Ether. Year book of Anaesthesia. Indian college of anaesthesiologist.2011
8. DuttaGupta S. Sen S. Electrocardiogram-Related to perioperative Anaesthetic management. Anaesthesiology updates for Post Graduates. Cancer Care Publications. Cuttack. November 201o Vol.I. p.170-79.
9. DuttaGupta S .Bhanja D,Roy S. Pregnancy with mitral stenosis A long case discussion. Anaesthesiology updates for Post Graduates. Cancer Care Publications. Cuttack. November 2010 Vol.I. p.374-382.
10. Intravenous induction agents. Anaesthesiology updates for Post Graduates. Cancer Care Publications. Cuttack. November 2010 Vol.I. p.271-286
11. Dutta Gupta S. Anaesthetic considerations for caesarean section in the pregnant patient

with cardiac disease. Anaesthesiology updates for Post Graduates. Cancer Care Publications. Cuttack. November 2012 Vol.111.