

Santosh Patel - PUBLICATIONS:

■ PUBLISHED: Peer review publications.

Book Chapters:

- Two Chapters: B Pollard, G Kitchen (Editors). Handbook of clinical anaesthesia, 4th Edition, Sep 2017. CRC press (Taylor and Francis Group).

Santosh Patel and Tom Wright: Chapter 25 Preoperative assessment pages 549-589 – several sections including: Cardiopulmonary exercise testing, Preoperative assessment – Overview, Preoperative drug administration, Preoperative assessment – Specific surgical populations, Psychiatric illness and drug abuse.

Santosh Patel and Alastair Duncan. Chapter 7 Blood pages 197-224 – several sections including: Anaemia, Blood loss and replacement, Disseminated intravascular coagulation, Sickle cell anaemia, Multiple myeloma.

- A chapter in 'Anaesthesia and Perioperative care of high-risk surgical patients', 3rd edition, Editor: Ian McConachie, Cambridge University Press; 2014.

Santosh Patel: Gastrointestinal surgery Chapter 24 pages 365-86. Chapter contents are – Cricoid pressure and aspiration, Fluid therapy, Anaesthesia and intestinal circulation, Anaesthesia and intestinal anastomosis, Oxygen and surgical site infection, Enhanced recovery.

Editorials

Patel S. Safe spinal anesthesia practices to prevent intrathecal tranexamic acid incidents. Journal of clinical anesthesia 2022;82:110889.

Cited by 3 as per Google scholar

<https://www.sciencedirect.com/science/article/abs/pii/S0952818022002471?via%3Dhub>

Lie J; **Patel S.**: Ultrasound for obstetric neuraxial anesthetic procedures - practical and useful? J Obstet Anaesth Crit Care 2015;5:49-53

Cited by 16 as per Google Scholar

<https://www.joacc.com/article.asp?issn=2249-4472;year=2015;volume=5;issue=2;spage=49;epage=53;aulast=Lie>

Patel S, Kaul T. Fluid therapy during major bowel surgery – Restrictive or Liberal? *J of Anesthesiol Clin Phramcol*; 2010; 26: 1-2.

Cited by 4 as per Google Scholar

Medical Intelligence Article:

Patel S, Loveridge R: Obstetric neuraxial wrong drug administration errors: A quantitative and qualitative analytical review. *Anesth Analg* 2015; 121:1570-1577
DOI: <https://doi.org/10.1213/ANE.0000000000000938>

Cited by 64 as per Google Scholar

(Our research in the article was included in ‘What is new in Obstetric Anesthesia : The 2016 Gerard W Ostheimer Lecture’ by Philip E Hess published in *Anesth Analg* 2017; 124:863-871)

(Our work was included in “Survey of Anesthesiology”. Patel, Santosh; Loveridge, Robert Obstetric Neuraxial Drug Administration Errors, *Survey of Anesthesiology*: December 2016 - Volume 60 - Issue 6 - p 250
doi: 10.1097/01.sa.0000504624.15149.36)

https://journals.lww.com/anesthesia-analgesia/abstract/2015/12000/obstetric_neuraxial_drug_administration_errors_a.29.aspx

Review Articles:

Patel S. Intravenous magnesium administration errors, attributing factors and associated respiratory or cardiopulmonary arrest in obstetric and non-obstetric patients-A systematic review. *Anaesth Crit Care Pain Med.* 2026; 45(1):101621. doi: 10.1016/j.accpm.2025.101621. Epub ahead of print. PMID: 41033447.

In addition, three supplemental files (9 pages) are also published.

[Intravenous magnesium administration errors, attributing factors and associated respiratory or cardiopulmonary arrest in obstetric and non-obstetric patients—A systematic review - ScienceDirect](#)

Patel S. A Systematic review of antibiotic administration incidents involving neuraxial routes: Clinical analysis, contributing factors and prevention approaches. *Pain Ther.* 2025; 14(2): 445-460 doi: 10.1007/s40122-024-00701-7. PMID: 39792237.

<https://rdcu.be/d5U2P> (link for a pdf copy)

Additional 16 pages supplemental file is also published with the article.

Cited by 1

Patel S, Dexter F. A scoping review of feedback features during clinical education for anaesthesia trainees. Indian J Anaesth. 2025 May;69(5):450-457. doi: 10.4103/ija.ija_1011_24. Epub 2025 Apr 16. PMID: 40364937

https://journals.lww.com/ijaweb/fulltext/2025/05000/a_scoping_review_of_feedback_features_during.6.aspx

Patel S: Accidental intrathecal tranexamic acid administrations during spinal anaesthesia and their reporting in India - A Narrative Review'. Int J Pharm Sci & Res 2024; 15(10): 2977-82. doi: 10.13040/IJPSR.0975-8232.15(10).2977-82.

In the article, intrathecal tranexamic acid error database is published. Also, figures showing country-wise and year-wise distribution of errors are published.

Patel S. Inadvertent administration of intravenous anesthesia induction agents via the epidural, intrathecal, intracerebroventricular or brachial plexus route – A Narrative Review. Ind J Anaesth 2024; 68:439-446

In addition, three supplemental files are also published.

https://journals.lww.com/ijaweb/fulltext/2024/68050/inadvertent_administration_of_intravenous.6.aspx

Cited by 1 as per Google Scholar

Patel S. A Bibliometric Analysis of Publications by Anesthesia Departments in the United Arab Emirates. Cureus. 2024 Jul 31;16(7):e65878. doi: 10.7759/cureus.65878. PMID: 39219959

<https://pubmed.ncbi.nlm.nih.gov/39219959/>

Cited by 2 as per Google Scholar

Patel S. Role of Reflection in Education and Practice in Anaesthesia: Purpose, Process, Pitfalls and Promotion. International Medical Education. 2023; 2(4):262-275. <https://doi.org/10.3390/ime2040025>

One supplemental file is also published with the article.

<https://www.mdpi.com/2813-141X/2/4/25>

Cited by 6 as per Google Scholar

Patel S. Tranexamic acid-associated intrathecal toxicity during spinal anaesthesia. A narrative review of 22 recent reports. European J of Anaesthesiology 2023; 40: 334-342.

In addition, three supplemental files (13 pages) are also published (literature search strategy – 1 page, Clinical case analysis table -11pages, Human factors 1 page).

https://journals.lww.com/ejanaesthesiology/Abstract/9900/Tranexamic_acid_associated_intrathecal_toxicity.70.aspx

Cited by 24 as per Google Scholar

Patel S. Cardiovascular drug administration errors during neuraxial anesthesia or analgesia—A narrative review. *Journal of Cardiothoracic and Vascular Anesthesia* 2023; 37: 291-298 <https://doi.org/10.1053/j.jvca.2022.10.016>

In addition, three supplemental files (16 pages) are also published (literature search strategy – 3 pages, HFACS categories table 1 page, Clinical case analysis table -12 pages)

<https://www.sciencedirect.com/science/article/abs/pii/S1053077022007686>
[https://www.jcvaonline.com/article/S1053-0770\(22\)00768-6/fulltext](https://www.jcvaonline.com/article/S1053-0770(22)00768-6/fulltext)

Cited by 16

Patel S, Dexter F. Narrative review of neuraxial potassium chloride administration errors: clinical features, human factors, and prevention measures. *Regional Anesthesia & Pain Medicine* 2021; 46: 904-908 doi: 10.1136/rappm-2021-102933

In addition, two supplemental files (19 pages) are also published (search strategy – 6 pages, clinical case analysis table – 13 pages)

<https://rappm.bmjjournals.org/content/46/10/904.abstract>

Cited by 12 as per Google scholar

Patel S and Dukan A. Anaesthesia and intestinal anastomosis. *BJA education* 2021; issue 11: P433-443

[https://www.bjaed.org/article/S2058-5349\(21\)00079-2/fulltext](https://www.bjaed.org/article/S2058-5349(21)00079-2/fulltext)

Cited by 6 as per Google Scholar

Patel, S. Erroneous neuraxial administration of neuromuscular blocking drugs. *European Journal of Anaesthesiology* 2020; 37: 857-863

https://journals.lww.com/ejanaesthesiology/fulltext/2020/10000/erroneous_neuraxial_administration_of.5.aspx

Cited by 9 as per Google scholar.

Patel S, B Robertson B, McConachie I. Catastrophic drug errors involving tranexamic acid administered during spinal anaesthesia. *Anaesthesia*. 2019; 74: 904-14 <https://onlinelibrary.wiley.com/doi/abs/10.1111/anae.14662>

- Cited by 97 as per Google scholar

- This article is accompanied by an editorial – A Palanisamy and S M Kinsella: Spinal tranexamic acid – a new killer in town. *Anaesthesia* 2019; 74: 831-3
<https://onlinelibrary.wiley.com/doi/10.1111/anae.14632>)
- The article was selected as one of the top 10 articles for 2019 for 'Anaesthesia' journal.
<https://associationofanaesthetists-publications.onlinelibrary.wiley.com/hub/journal/13652044/homepage/top10-2019>
- The article has a high **Altmetric Score**.
- The article was a topic for publication in 'Anesthesiology News' June, 2019.
<https://www.anesthesiologynews.com/Clinical-Anesthesiology/Article/06-19/Spinal-Administration-of-Tranexamic-Acid-Catastrophic-and-Avoidable/55134>
- The article was used by Institute for Safe Medication Practices, USA to include intrathecal tranexamic acid as one of the top 10 hazards to avoid for 2020.
<https://www.ismp.org/resources/start-new-year-right-preventing-these-top-10-medication-errors-and-hazards>
- The article was Editor's pick for June 2020 issue of *Obstetric Anesthesia Digest* (Patel, S.; Robertson, B.; McConachie, I. Catastrophic Drug Errors Involving Tranexamic Acid Administered During Spinal Anesthesia, *Obstetric Anesthesia Digest*: June 2020 - Volume 40 - Issue 2 - p 57-58
https://journals.lww.com/obstetricanesthesia/Abstract/2020/06000/Catastrophic_Drug_Errors_Involving_Tranexamic_Acid.5.aspx?context=LatestArticles
doi: 10.1097/01.aoa.0000661304.69019.e3)
- It is referenced in an alert by World health organization
<https://www.who.int/news/item/16-03-2022-risk-of-medication-errors-with-tranexamic-acid-injection-resulting-in-inadvertent-intrathecal-injection>
- Institute for Safe Medication Practices, Canada used the article and referenced in newsletter alert published in May 2022.
<https://ismpcanada.ca/bulletin/alert-substitution-error-with-tranexamic-acid-during-spinal...>
- The article is cited in national safety alerts issued by several countries

Duncan A, **Patel S**. Neurological complications in obstetric regional anaesthetic practice. *J Obstet Anaesth Crit Care*; 2016; 6:3-10.

<https://joacc.com/article.asp?issn=2249-4472;year=2016;volume=6;issue=1;spage=3;epage=10;aulast=Duncan>

Cited by 20 as per Google Scholar

Loveridge R, **Patel S.** Systemic non-opioid adjuvant analgesics: Their role in acute postoperative pain in adults. Trends Anaesth Crit Care; 2014; 4:10-18

https://www.sciencedirect.com/science/article/abs/pii/S2210844013001305?via%3Di_hub

The image from the article was chosen for cover image of the issue.

Cited by 20 as per Google Scholar

Patel S. Understanding intestinal circulation – Many barriers, many unknowns. Trends Anaesth Crit Care; 2013; 3: 302-309

With this article an audio slide presentation is also published.

<http://www.sciencedirect.com/science/article/pii/S2210844013001056>

Patel S, Kitchen G and Barrie J. Personal development plans – Practical pitfalls. Trends Anaesth Crit Care; 2013; 3: 220-223.

<https://www.sciencedirect.com/science/article/abs/pii/S2210844013000592>

Cited by 16 as per Google Scholar

The image from the article was chosen for cover image of the issue.

Patel S, J. Lutz, U. Panchgula, S. Bansal. Anesthesia and perioperative management of colorectal surgical patients – Specific issues (Part 2). J of Anaesthesiol Clin Pharmacol 2012; 28: 304-313.

<https://pubmed.ncbi.nlm.nih.gov/22869934/>

Cited by 24 as per Google Scholar

Patel S, J. Lutz, U. Panchgula, S. Bansal. Anesthesia and perioperative management of colorectal surgical patients – A clinical review (Part 1). J of Anaesthesiol Clin Pharmacol 2012; 28:162-171

<https://pubmed.ncbi.nlm.nih.gov/22557737/>

Cited by 39 as per Google Scholar

Patel S. Sodium balance – An integrated physiological model and novel approach. Saudi J Kidney Dis Transpl; 20: 560-569, 2009.

https://journals.lww.com/sikd/Fulltext/2009/20040/Sodium_Balance_An_Integrated_P_hysiological_Model.2.aspx

Cited by 39 as per Google Scholar

Patel S, Souter M. Equipment-related electrocardiographic artifacts – Causes, Characteristics, Consequences and Correction. Anesthesiology, 108; 138-148, 2008.

<https://pubs.asahq.org/anesthesiology/article/108/1/138/7669/Equipment-related-Electrocardiographic>

Cited by 113 as per Google Scholar

With this review article additional 18 pages web based (www.anesthesiology.org) enhancement of 'Equipment-related electrocardiographic artifacts (1968-2006)' is also published.

Patel S, S Bhananker S: Anesthesia and Analgesia for Pediatric Burns. Current Reviews; 28:27-37, 2007. (CME article with 10 MCQs)

Original Articles:

Pearse R, Moreno R, Bauer P on behalf of EUSoS group. Mortality after surgery in Europe: A 7 day cohort study. Lancet, 380:1059-65, 2012
(European surgical outcome study (EUSoS) was a multicentre study. I was the lead investigator at Royal Oldham Hospital).

Cited by > 1000 as per Google Scholar

Patel S, S Subramanian, Swarup Patel, Singh RP et al. Non-Obstetric surgery in pregnant patients – Our experience at Ibri Hospital. Oman Medical Journal, 17:20-23, 2001.

Patel S, Calla S: Use of Esmolol and Sodium nitroprusside for control of post coronary artery bypass grafting hypertension. J of Anaesth. Clin. Pharmaol.; 13:151-154, 1997.

Research Letter:

Patel S. Accidental Epidural Infusion of Acetaminophen (Paracetamol) During Acute Postoperative and Labor Pain Management. Anesthesia & Analgesia ()[10.1213/ANE.0000000000007287](https://doi.org/10.1213/ANE.0000000000007287), November 06, 2024. | DOI: [10.1213/ANE.0000000000007287](https://doi.org/10.1213/ANE.0000000000007287) (**Published ahead of print**)
Link - [Anesthesia & Analgesia](https://pubs.asahq.org/anesthesiology/article/108/1/138/7669/Equipment-related-Electrocardiographic)

In addition, one supplemental file is also published.

Cited by 1 as per Google Scholar.

Case reports:

Patel S. Aspiration of Dental Metallic Crown in a Pregnant Patient with Eclampsia: Case Report and Literature Review. Journal of Obstetric Anaesthesia and Critical Care 2025; 15:62-65. DOI: [10.4103/JOACC.JOACC_28_24](https://doi.org/10.4103/JOACC.JOACC_28_24)

https://journals.lww.com/joac/fulltext/2025/01000/aspiration_of_dental_metallic_crown_in_a_pregnant.11.aspx

Patel S. Electrocardiographic artifacts during electroconvulsive therapy. *J Electocardiol* 42; 307-309, 2009. DOI: [10.1016/j.jelectrocard.2009.02.003](https://doi.org/10.1016/j.jelectrocard.2009.02.003)

Cited by 1 as per Google Scholar

Patel S. Electrocardiograph artifact mimicking ventricular tachycardia during high frequency oscillatory ventilation. *Ame J of Crit Care*, 15:310-311, 2006. doi.org/10.4037/ajcc2006.15.3.310

<https://pubmed.ncbi.nlm.nih.gov/16632773/>

Cited by 18 as per Google Scholar

Patel S, Singh RP, S. Rao. Repeated severe painful crises in a patient with sickle cell disease. *Indian J. of Crit Care Medicine*, 4:100-102, 2000.

S. Ramakrishna, V. Ingle, **Patel S** et al. Reversible cardio-pulmonary changes due to adeno-tonsillar hypertrophy. *International J. of Pediatric Otorhinolaryngology*, 53: 203-206, 2000. DOI: [10.1016/s0165-5876\(00\)00389-x](https://doi.org/10.1016/s0165-5876(00)00389-x)

<https://pubmed.ncbi.nlm.nih.gov/11035178/>

Cited by 51 as per Google Scholar

Patel S. Emergency caesarean section in a patient with repaired tetralogy of Fallot. *Indian J.of Anaesth.*, 43:67-69, 1999.

Patel S, Malhotra SK. Anaesthetic considerations in a patient with Wolff- Parkinson-White syndrome. *Annals of Cardiac Anaesthesia*, 2:44-47, 1999.

Edicula G, **Patel S**, Ramakrishna S et al. Reversible severe pulmonary hypertension following adeno-tonsillar hypertrophy. *Oman Med J* 15: 26-28, 1998.

Patel S, P. Ponnurangam, M. Kishore. Tay-sachs disease: Anaesthetic implications. *Oman Med J* 14:37-39, 1998.

Patel S: Emergency mitral valve replacement during second trimester of pregnancy. *J. of Anaesth Clin. Pharmacol.*; 13:151-154, 1997

Patel S. Anaesthesia for intracranial surgery in the presence of Eisenmenger's syndrome. *J of Anaesth Clin Pharmacol*, 12: 155-157, 1996.

Patel S. Vasospasm following intracranial aneurysm surgery. *J of Anesthesiol Clin Pharmacol*, 12: 139-141, 1996

Neema PK, **Patel S**, Waikar HD. Anticonvulsants and non-depolarizing muscle relaxants: A drug interaction. J. of Anaesthesiology and Clinical Pharmacology, 11: 69-71, 1995.

Correspondence / Letters to editor:

Patel S, Bhatia K. Prevalence and Prevention of Medication Errors in Obstetric Anesthesia Practice. Journal of Obstetric Anaesthesia and Critical Care 15(1):p 85-86, Jan–Jun 2025. | DOI: 10.4103/JOACC.JOACC_60_24

https://journals.lww.com/joac/fulltext/2025/01000/prevalence_and_prevention_of_medication_errors_in.20.aspx

Cited by 1

Patel S, Bhatia, K. Prevalence and Prevention of Medication Errors in Obstetric Anesthesia Practice. Journal of Obstetric Anaesthesia and Critical Care 2025;15: 85-86, Jan–Jun 2025. | DOI: 10.4103/JOACC.JOACC_60_24

https://journals.lww.com/joac/fulltext/2025/01000/prevalence_and_prevention_of_medication_errors_in.20.aspx

Patel S. Accidental infusion of tranexamic acid via a thoracic epidural catheter. Canadian Journal of anesthesia 2023; 70: 915-916.

<https://link.springer.com/article/10.1007/s12630-023-02435-0>

Cited by 4

The above letter is accompanied with-

1. An Editorial: [Preventing neuraxial administration of tranexamic acid](https://link.springer.com/article/10.1007/s12630-023-02434-1)
<https://link.springer.com/article/10.1007/s12630-023-02434-1>
2. Editor in Chief (EIC)'s notes: [One week in the life of my anesthetic cart's medication drawer or: drug errors—what \(else\) will it take to change the system?](https://link.springer.com/article/10.1007/s12630-023-02437-y)
<https://link.springer.com/article/10.1007/s12630-023-02437-y>

Patel S. Epidural and intrathecal magnesium sulphate administration errors – clinical features and contributory factors. British J of Anaesthesia 2023; 130: E35-40

<https://www.sciencedirect.com/science/article/abs/pii/S0007091222007401>
[https://www.bjanaesthesia.org/article/S0007-0912\(22\)00740-1/fulltext](https://www.bjanaesthesia.org/article/S0007-0912(22)00740-1/fulltext)

I reviewed magnesium sulphate administration errors via neuraxial route.

Cited by 2 as per Google Scholar

Markey T, Bhatia K, **Patel S.** Accidental oral administration of Monsel's solution during caesarean delivery. International Journal of Obstetric Anesthesia 2022; 52:103597.

<https://pubmed.ncbi.nlm.nih.gov/36183608/>

A case report of a rare drug error.

Cited by 2 as per Google Scholar

Patel S. Tranexamic acid-associated fatal status epilepticus in a paediatric patient. British Journal of Clinical Pharmacology 2022; 88: 4657-8.

<https://bpspubs.onlinelibrary.wiley.com/doi/10.1111/bcp.15475>

Patel S. Neuraxial and peripheral misconnection events leading to wrong-route medication errors. Reg Anesth Pain Med. 2021;48:1116-1117 doi: 10.1136/rapm-2021-102527.

Patel S: Artefactual electrocardiographic ST segment depression: less likely due to electrocautery. Ann Card Anaesth 2012; 15:85-6

<https://pubmed.ncbi.nlm.nih.gov/22234030/>

Cited by 2 as per Google Scholar

Patel S. Anaesthetic agents and vasopressors interaction on gastrointestinal microcirculation and oxygenation. Brti J Anaesth eletter (October, 2010).

<http://bja.oxfordjournals.org/content/105/4/421>

Patel S. Sinus arrest on the electrocardiograph - pseudo or real? Acta Anesthesiol Scand 53: 883; 2009

<https://pubmed.ncbi.nlm.nih.gov/19563573/>

Patel S, Souter M. Electocardiographic ST segment depression: confirm, deny or artefact? Anesthesiology 109:352, 2008 (Author Reply)

<https://doi.org/10.1097/ALN.0b013e31817f8cbd>

Patel S, Bhananker S. Perioperative Paediatric Cardiac Arrest Study – A Case of duplication? Brit J of Anaesthesia (e-letter, March 2007).

<http://bja.oxfordjournals.org:80/cgi/eletters/96/5/569#1694>

Patel S, Finbar O'Neill: (Feedback) in response to 'Catheter related blood stream infection'. (October, 2005, *BJA-Continuing Education in Anaesthesia, Critical Care and Pain*)

Patel S, Turner G: Aspiration and laryngeal mask airway. Brit J Anaesth, 94: 546, 2005. <https://doi.org/10.1093/bja/aei527>

Cited by 4 as per Google scholar

Patel S. How comparable are Primary FRCA London and Primary FCA Dublin? RCoA Bulletin 29; January 2005:1478-9.

Patel S. Anaesthesia for laparoscopic cholecystectomy in a patient with Eisenmenger's syndrome. Brit J.Anaes., 81:297, 1998

Patel S. Management of coronary artery fistula in a child. J Anesth Clin Pharmacol; 14:197-198, 1998.

Calla S, **Patel S**, Shastri N, Shah D. Occipital alopecia after cardiac surgery. Canadian J. Anaesthesia, 43:1180-1181, 1996.

<https://pubmed.ncbi.nlm.nih.gov/8922779/>

Cited by 6 as per Google Scholar.

Abstracts in Journals:

Patel S. Inadvertent neuraxial antibiotic administration incidents - A review of the literature. Anaesthesia 2023; 78 (Suppl. 3): 28 **[For oral presentation].**

<https://associationofanaesthetists-publications.onlinelibrary.wiley.com/doi/epdf/10.1111/anae.16112>

Patel S. Review of neuraxial paracetamol, nonsteroidal anti-inflammatory analgesics and antiemetics errors. Anaesthesia 2023; 78 (Suppl. 3):102 (Shortlisted for moderated poster discussion).

<https://associationofanaesthetists-publications.onlinelibrary.wiley.com/doi/epdf/10.1111/anae.16112>

Patel S. Intrathecal tranexamic acid incidents in India – A problem of look-alike ampoule or a physician's incorrect visual perception? Anaesthesia 2023; 78 (Suppl. 3): 103 (Shortlisted for moderated poster discussion).

<https://associationofanaesthetists-publications.onlinelibrary.wiley.com/doi/epdf/10.1111/anae.16112>

Markey T, Bhatia K, **Patel s.** Accidental oral administration of Monsel's solution during caesarean delivery. Int J Obstet Anaesth 2022; 50S: 42

Patel S: Avoidable intrathecal tranexamic acid tragedies: 2019–2021. Anaesthesia 2021;76 (Suppl 6):17

Cited by 1

Patel S, Paskaleva R, Agrawal D. 185 neuraxial drug administration errors from 40 countries – practical issues and human factors. Regional Anesthesia & Pain Medicine 2021;70:A21-A23.

https://rapm.bmjjournals.org/content/70/Suppl_1/A21.2

Patel S, Dexter F. Neuraxial cardiovascular accidental drug administration errors review. *Regional Anesthesia & Pain Medicine* 2021;70:A24-A25.

https://rapm.bmjjournals.org/content/70/Suppl_1/A24

Cited by 2

Patel S and Dexter F: Case Series Of 28 Neuraxial Kcl Administrations Shows Half The Errors Are Not Preventable By NrFit. www.asaabstracts.com A2042, 2020

<http://www.asaabstracts.com/strands/asaabstracts/abstract.htm?year=2020&index=18&absnum=4742>

Cited by 1 as per Google Scholar.

Patel S. Morbidity And Mortality Associated With Drug Administration Errors During Spinal Or Epidural Anesthesia Or Analgesia. www.asaabstracts.com A2045, 2020

Cited by 1 as per Google Scholar.

Patel S and Robertson B. Survey of Practice of Enhanced Recovery for Colorectal Surgery. *European J of Anaesthesiology* 2019; 36 (esupplement 57):40

Roberson B and **Patel S**. Survey of use of spinals for elective colorectal surgery, and the doses of spinally administered opioids and local anaesthetic. *European J of Anaesthesiology* 2019; 36 (esupplement 57):77

Patel S, Robertson B. Use of non-opioid adjuvant analgesia for colorectal surgery. *European J of Anaesthesiology* 2017; 34 (esupplement 55):227

Duncan A, Vickers G and **Patel S**. Conversion of spinal to general anaesthesia for caesarean section. *Anaesthesia* 2014; 69 (Suppl 4):54

Patel S. Teaching methods for airway management skills. *Anesth Analg* 2014; 118: S-109

Patel S. Drug administration errors during epidural or spinal anesthesia or analgesia. *Anesth Analg* 2012; 113:S-197

(This abstract was selected as the best abstract in 'patient safety and education' category and was selected for **Kosaka Abstract Award** competition at the 86th International Anesthesia Research Society meeting held in Boston, USA in May, 2012)

Patel S, Patel S. Epidural and spinal drug injection errors during obstetric anesthesia and analgesia (1981-2011). *Anesth Analg* 2012; 113:S-329

Patel S. Abdominal etiology for mimicked ST segment elevation myocardial infarction on the electrocardiograph. *Anesth Analg* 2012; 113: S-155

Uwubanmwen N, **Patel S**, et al: A 2 year review of obstetric anaesthesia outpatient clinic for high risk obstetric patients. *Anesthesiology* 2008; 109 A1118

Patel S, Knight S, Owen T. Critical incidents / near misses in acute intensive care unit. *Anesth Analg*, 104, S-59, 2007.

Patel S, Vasu T, Kakkar M. Practice and preferences for regional anesthesia and analgesia techniques among anesthetists, *Anesth Analg*, 104, S-260, 2007.

Patel S, O'Neill F: Removal of central venous catheters due to suspected catheter-related infection. *Can J Anesth* 2007, 53: 44445

Patel S: Transcutaneous nerve stimulation induced artifacts on the electrocardiograph. *Can J Anesth* 2007; 54: 44444

Patel S, Hogg R, Turner G: Emergency nephrectomy due to ruptured renal angiomyolipoma in a patient with pulmonary lymphangioliomatosis. *Can J Anesth* 2007, 54: 44526

Others:

ISMP Canada Guideline: Institute for safe medication practices (Canada): Substitution errors with tranexamic acid during spinal anesthesia. ISMP Canada Safety Bulletin 2022; Issue 6: 1-5.

<https://ismpcanada.ca/bulletin/alert-substitution-error-with-tranexamic-acid-during-spinal-anesthesia/>

Book Review:

Patel S, R Morgan R: Book review for 'Principles and Practice of Emergency Neurology' by eds. S M Shah and K. M Kelly. *Current Anesthesia and Critical Care*, 17:245-246, 2006.

Audit recipe:

Leeham J, **Patel S**. 4.8 Anaesthetic emergencies: Drugs and Equipment Preparedness (Raising the standards – A compendium of audit recipes, 3rd edition, 2012, The Royal College of Anaesthetists.