



Guidelines to the Practice of Anesthesia

Revised Edition 2022

APPENDIX 4

Guidelines, Standards and Other Official Statements

The Canadian Anesthesiologists' Society (CAS) does not have the resources to publish guidelines or standards on all possible topics, beyond those contained in our published Guidelines and Appendices, and members are therefore responsible for their own professional assessment to ensure quality of anesthesia care and patient safety is appropriately considered in managing individual patients. Other organizations may have guidelines to assist the Canadian anesthesiologist in such a decision process. The following non-exhaustive list of web links is provided solely for the convenience of CAS members. The CAS is not responsible for the accuracy, currency, or reliability of the content. The CAS does not offer any guarantee in this regard and is not responsible for the information found through these links, nor does it necessarily endorse the sites or their content. This list is updated periodically as printed. It was verified for accuracy in June 2021.

General Standards, Guidelines, Advisories and Statements

1. American Society of Anesthesiologists (ASA)

Web link to all ASA standards, guidelines, advisories and statements.

<https://www.asahq.org/standards-and-guidelines>

General Practice Guidelines

1. National Audit Projects (NAPs)

<http://www.nationalauditprojects.org.uk/>

2. The Association of Anaesthetists of Great Britain & Ireland (AAGBI)

Clinical Management in Anaesthesia - 2010

https://www.aagbi.org/sites/default/files/clinical_management_2010_0.pdf

3. The Association of Anaesthetists of Great Britain & Ireland (AAGBI)

Consent for anaesthesia – 2017

https://www.aagbi.org/sites/default/files/AAGBI_Consent_for_anaesthesia_2017_0.pdf

4. Le College Francais Des Anaesthesistes-reanimateurs (CFAR)

<https://cfar.org/>

5. Societe Francaise d'Anesthesie et de Reanimation (SFAR)

<http://sfar.org/>

Difficult Airway

1. Canadian Airway Focus Group (CAFG) – 2021 update

Canadian Airway Focus Group updated consensus-based recommendations for management of the difficult airway: part 1. Difficult airway management encountered in an unconscious patient

<https://link.springer.com/article/10.1007/s12630-021-02007-0>

Canadian Airway Focus Group updated consensus-based recommendations for management of the difficult airway: part 2. Planning and implementing safe management of the patient with an anticipated difficult airway

<https://link.springer.com/article/10.1007/s12630-021-02008-z>

Original 1998 article

<https://link.springer.com/article/10.1007/BF03012147>

2. American Society of Anesthesiologists (ASA) – 2013

http://anesthesiology.pubs.asahq.org/article.aspx?articleid=1918684&_ga=2.11121843.665977910.1530304742-675361604.1530304742

3. Difficult Airway Society - 2015

Paediatric Difficult Airway Guidelines

<https://www.das.uk.com/guidelines/paediatric-difficult-airway-guidelines>

Preoperative Assessment and Perioperative Management

- 1. Canadian Cardiovascular Society Guidelines on Perioperative Cardiac Risk Assessment and Management for Patients Who Undergo Noncardiac Surgery – 2017**

[https://www.onlinecjc.ca/article/S0828-282X\(16\)30980-1/fulltext](https://www.onlinecjc.ca/article/S0828-282X(16)30980-1/fulltext)

- 2. American Society of Anesthesiologists (ASA) – 2012**

http://anesthesiology.pubs.asahq.org/article.aspx?articleid=2443414&_ga=2.53647279.665977910.1530304742-675361604.1530304742

- 3. American Society of Anesthesiologists (ASA) – 2011**

ICD

http://anesthesiology.pubs.asahq.org/article.aspx?articleid=1933226&_ga=2.48403361.665977910.1530304742-675361604.1530304742

- 4. American Society of Anesthesiologists (ASA) – 2009**

Coronary Stents

http://anesthesiology.pubs.asahq.org/article.aspx?articleid=1921971&_ga=2.11255603.665977910.1530304742-675361604.1530304742

- 5. American Society of Anesthesiologists (ASA)**

ASA physical status

<http://www.asahq.org/quality-and-practice-management/standards-guidelines-and-related-resources/asa-physical-status-classification-system>

- 6. European Society of Anaesthesiology (ESA)**

Preoperative evaluation of adults undergoing elective non-cardiac surgery

https://journals.lww.com/ejanaesthesiology/Fulltext/2018/06000/Pre_operative_evaluation_of_adults_undergoing.2.aspx

- 7. Royal College of Anaesthetists (RCOA) - 2019**

Guideline for the Provision of Anaesthesia Services for preoperative assessment and preparation

<https://www.rcoa.ac.uk/document-store/guidelines-the-provision-of-anaesthesia-services-pre-operative-assessment-and-0>

8. Royal College of Anaesthetists (RCA) - 2019

Guideline for the Provision of Anaesthesia Services for Day Surgery

<https://www.rcoa.ac.uk/document-store/guidelines-the-provision-of-anaesthesia-services-day-surgery-2018>

9. American College of Cardiology (ACC) and American Heart Association (AHA) - 2014

Guidelines on Perioperative Cardiovascular Evaluation and Management of Patients Undergoing Noncardiac Surgery

http://www.onlinejacc.org/content/accj/64/22/e77.full.pdf?_ga=2.163198708.973468692.1530313424-1999961380.1530313424

10. American College of Cardiology (ACC) and American Heart Association (AHA) - 2014

Guidelines on Perioperative Cardiovascular Evaluation and Management of Patients Undergoing Noncardiac Surgery

http://www.onlinejacc.org/content/accj/64/22/e77.full.pdf?_ga=2.141693690.973468692.1530313424-1999961380.1530313424

11. American College of Cardiology (ACC) and American Heart Association (AHA) - 2011

Guideline for Coronary Artery Bypass Graft Surgery

http://www.onlinejacc.org/content/accj/58/24/e123.full.pdf?_ga=2.137510648.973468692.1530313424-1999961380.1530313424

12. American College of Cardiology (ACC) and American Heart Association (AHA) - 2011

Guideline for Percutaneous Coronary Intervention

http://www.onlinejacc.org/content/accj/58/24/e44.full.pdf?_ga=2.163609207.973468692.1530313424-1999961380.1530313424

13. American College of Cardiology (ACC) - 2017

Expert Consensus Decision Pathway on management of Bleeding in Patients on Oral Anticoagulants – 2017

http://www.onlinejacc.org/content/accj/early/2017/11/10/j.jacc.2017.09.1085.full.pdf?_ga=2.163609207.973468692.1530313424-1999961380.1530313424

14. American College of Cardiology (ACC) and American Heart Association (AHA) - 2017

Focused Update of the 2014 guideline for the Management of Patients with Valvular Heart Disease

http://www.onlinejacc.org/content/accj/70/2/252.full.pdf?_ga=2.70898392.973468692.1530313424-1999961380.1530313424

15. American College of Cardiology (ACC) and American Heart Association (AHA) - 2016

Guideline Focused Update on Duration of Dual Antiplatelet Therapy in Patients with Coronary Artery Disease

http://www.onlinejacc.org/content/accj/68/10/1082.full.pdf?_ga=2.66180966.973468692.1530313424-1999961380.1530313424

16. American College of Cardiology (ACC) and American Heart Association (AHA) - 2008

Guideline for the Management of Adults with Congenital Heart Disease

http://www.onlinejacc.org/content/accj/52/23/e143.full.pdf?_ga=2.63520231.973468692.1530313424-1999961380.1530313424

17. American College of Cardiology (ACC) and American Heart Association (AHA) - 2014

Guideline for the Management of Patients with Non-ST-Elevation Acute Coronary Syndrome

http://www.onlinejacc.org/content/accj/64/24/e139.full.pdf?_ga=2.134314425.973468692.1530313424-1999961380.1530313424

18. American College of Cardiology Foundation (ACCF) and American Heart Association (AHA) - 2011

Guideline for the Diagnosis and Treatment of Hypertrophic Cardiomyopathy

http://www.onlinejacc.org/content/accj/58/25/e212.full.pdf?_ga=2.96089812.973468692.1530313424-1999961380.1530313424

19. European Society of Anaesthesiology (ESA) - 2014

Guidelines on non-cardiac surgery: cardiovascular assessment and management – 2014

https://journals.lww.com/ejanaesthesiology/Fulltext/2014/10000/2014_ESC_ESA_Guidelines_on_non_cardiac_surgery_.2.aspx

Obstructive Sleep Apnea

1. American Society of Anesthesiologists (ASA) – 2014

http://anesthesiology.pubs.asahq.org/article.aspx?articleid=1917935&_ga=2.11121843.665977910.1530304742-675361604.1530304742

2. Society of Anesthesia and Sleep Medicine (SASM) – 2018

Guideline on Intraoperative Management of Adult Patients with Obstructive Sleep Apnea

https://journals.lww.com/anesthesia-analgesia/Fulltext/2018/10000/Society_of_Anesthesia_and_Sleep_Medicine_Guideline.27.aspx

3. Society of Anesthesia and Sleep Medicine (SASM) – 2016

Guidelines on preoperative screening and assessment of adult patients with obstructive sleep apnea

<http://sasmhq.org/wp-content/uploads/2017/10/SASM-Guideline.pdf>

Patient Blood Management

1. American Society of Anesthesiologists (ASA) – 2015

Practice Guidelines for Perioperative Blood Management

http://anesthesiology.pubs.asahq.org/article.aspx?articleid=2088825&_ga=2.10646323.665977910.1530304742-675361604.1530304742

2. European Association for Cardio-Thoracic Surgery (EACTS) and the European Association of Cardiothoracic Anaesthesiology (EACTA) – 2017

Guidelines on patient blood management for adult cardiac surgery

<https://academic.oup.com/ejcts/article/53/1/79/4316171>

3. The Association of Anaesthetists of Great Britain & Ireland (AAGBI) - 2016

The use of blood components and their alternatives

https://www.aagbi.org/sites/default/files/anae_13489_web_0.pdf

4. The Association of Anaesthetists of Great Britain & Ireland (AAGBI) - 2009

Blood transfusion and the Anaesthetist – intraoperative cell salvage

https://www.aagbi.org/sites/default/files/cell%20salvage_2009_amended.pdf

5. European Society of Anaesthesiology (ESA) - 2016

Management of severe perioperative bleeding: first update

https://journals.lww.com/ejanaesthesiology/Fulltext/2017/06000/Management_of_severe_perioperative_bleeding__3.aspx

Intraoperative Care

1. Royal College of Anaesthetists (RCOA) - 2019

Guidelines for the Provision of Anaesthesia Services for Intraoperative Care

<https://www.rcoa.ac.uk/document-store/guidelines-the-provision-of-anaesthesia-services-intra-operative-care-2018>

2. Royal College of Anaesthetists (RCOA) - 2019

Guidelines for the Provision of Anaesthesia Services for ENT, Oral Maxillofacial and Dental Surgery

<https://www.rcoa.ac.uk/document-store/guidance-the-provision-of-anaesthesia-services-head-and-neck-surgery-2017>

3. Royal College of Anaesthetists (RCOA) - 2019

Guidelines for the Provision of Ophthalmic Anaesthesia

<https://www.rcoa.ac.uk/document-store/guidelines-the-provision-of-ophthalmic-anaesthesia-services-2018>

4. Royal College of Anaesthetists (RCOA) - 2019

Guidelines for the Provision of Neuroanaesthetic Services

<https://www.rcoa.ac.uk/document-store/guidelines-the-provision-of-neuroanaesthetic-services-2018>

5. Royal College of Anaesthetists (RCOA) - 2019

Guidelines for the Provision of Vascular Anaesthesia

<https://www.rcoa.ac.uk/document-store/guidance-the-provision-of-vascular-anaesthesia-services-2017>

6. Royal College of Anaesthetists (RCOA) - 2019

Guidelines for the Provision of Anaesthesia Services for Trauma and Orthopaedic Surgery

<https://www.rcoa.ac.uk/document-store/guidelines-the-provision-of-anaesthesia-services-trauma-and-orthopaedic-surgery-2018>

7. Royal College of Anaesthetists (RCOA) - 2019

Guidelines for the Provision of Anaesthesia Services for Burn and Plastics Surgery

<https://www.rcoa.ac.uk/document-store/guidelines-the-provision-of-anaesthesia-services-burn-and-plastics-surgery-2018>

8. Royal College of Anaesthetists (RCOA) -2019

Guidelines for the Provision of Anaesthesia Services for Cardiac and Thoracic Procedures

<https://www.rcoa.ac.uk/document-store/guidance-the-provision-of-anaesthesia-services-cardiac-and-thoracic-procedures-2018>

Obstetric Anesthesia

1. American Society of Anesthesiologists (ASA) – 2016

http://anesthesiology.pubs.asahq.org/article.aspx?articleid=2471779&_ga=2.247291011.665977910.1530304742-675361604.1530304742

2. Royal College of Anaesthetists (RCOA) - 2019

Guidelines for the Provision of Anaesthesia Services for an Obstetric Population

<https://www.rcoa.ac.uk/document-store/guidelines-the-provision-of-anaesthesia-services-obstetric-population-2018>

3. MBRACE-UK

<https://www.npeu.ox.ac.uk/mbrace-uk/reports>

4. Obstetric Anaesthetists' Association (OAA)/AAGBI – 2013

Guidelines for Obstetric Anaesthetic Services

http://www.oaa-anaes.ac.uk/assets/_managed/editor/File/Guidelines/obstetric_anaesthetic_services_2013.pdf

5. Royal College of Obstetricians and Gynaecologists (RCOG) - 2012

Bacterial Sepsis Following Pregnancy

http://www.oaa-anaes.ac.uk/assets/_managed/cms/files/RCOG%20Maternal%20Sepsis%20following%20Pregnancy%20Guideline.pdf

Bacterial Sepsis In Pregnancy

http://www.oaa-anaes.ac.uk/assets/_managed/cms/files/RCOG%20Maternal%20Sepsis%20in%20Pregnancy%20Guideline.pdf

6. Royal College of Obstetricians and Gynaecologists (RCOG) - 2010

Classification of Urgency of Caesarean Section – a Continuum of Risk

http://www.oaa-anaes.ac.uk/assets/_managed/editor/File/RCoA/Good%20Practice%2011%20CS%20FINAL.pdf

7. Obstetric Anaesthetists' Association (OAA) - 2011

Providing equity of critical and maternity care for the critically ill pregnant or recently pregnant woman

http://www.oaa-anaes.ac.uk/assets/_managed/editor/File/RCoA/Prov_Eq_MatandCritCare.pdf

Pediatric Anesthesia

1. American Society of Anesthesiologists (ASA) – 2016

<http://www.asahq.org/quality-and-practice-management/standards-guidelines-and-related-resources/statement-on-practice-recommendations-for-pediatric-anesthesia>

2. Association of Paediatric Anaesthetists and Great Britain and Ireland (APA) - 2017

Prevention of Perioperative Venous Thromboembolism in Paediatric Patients

<https://www.apagbi.org.uk/sites/default/files/inline-files/APA%20Thromboprophylaxis%20guidelines%20final.pdf>

3. Association of Paediatric Anaesthetists and Great Britain and Ireland (APA) - 2012

Good Practice in Postoperative and Procedural Pain Management, 2nd Edition

<https://onlinelibrary.wiley.com/doi/epdf/10.1111/j.1460-9592.2012.03838.x>

4. Association of Paediatric Anaesthetists and Great Britain and Ireland (APA) - 2016

Guidelines on the Prevention of Postoperative Vomiting in Children

<https://www.apagbi.org.uk/sites/default/files/inline-files/2016%20APA%20POV%20Guideline-2.pdf>

5. Association of Paediatric Anaesthetists and Great Britain and Ireland (APA) - 2007

Consensus Guidelines on Perioperative Fluid Management in Children

https://www.apagbi.org.uk/sites/default/files/inline-files/Perioperative_Fluid_Management_2007.pdf

6. Royal College of Anaesthetists (RCoA) - 2019

Guidelines for the Provision of Paediatric Anaesthesia Services

<https://www.rcoa.ac.uk/document-store/guidelines-the-provision-of-paediatric-anaesthesia-services-2018>

Procedural Sedation

1. American Society of Anesthesiologists (ASA) - 2018

http://anesthesiology.pubs.asahq.org/article.aspx?articleid=2670190&_ga=2.49510177.665977910.1530304742-675361604.1530304742

2. European Society of Anaesthesiology (ESA) - 2018

Guidelines for procedural sedation and analgesia in adults

https://journals.lww.com/ejanaesthesiology/Fulltext/2018/01000/European_Society_of_Anaesthesiology_and_European.3.aspx

Regional Anesthesia

1. American Society of Regional Anesthesia and Pain Medicine (ASRA) - 2018

Regional Anesthesia in the Patient Receiving Antithrombotic or Thrombolytic Therapy: American Society of Regional Anesthesia and Pain Medicine Evidence-Based Guidelines (Fourth Edition)

<https://www.asra.com/advisory-guidelines/article/9/regional-anesthesia-in-the-patient-receiving-antithrombotic-or-thrombolytic-ther>

2. The Association of Anaesthetists of Great Britain & Ireland (AAGBI) - 2010

Best Practice in the management of epidural analgesia in the hospital setting

https://www.aagbi.org/sites/default/files/epidural_analgesia_2011.pdf

Local Anesthetic Toxicity

1. American Society of Regional Anesthesia and Pain Medicine (ASRA)

<https://www.asra.com/advisory-guidelines/article/3/checklist-for-treatment-of-local-anesthetic-systemic-toxicity>

Neurologic Complications

1. American Society of Regional Anesthesia and Pain Medicine (ASRA) – 2015

The Second ASRA Practice Advisory on Neurologic Complications Associated With Regional Anesthesia and Pain Medicine: Executive Summary 2015

<https://www.asra.com/advisory-guidelines/article/5/the-second-asra-practice-advisory-on-neurologic-complications-associated-with-re>

Infectious Complications Management

1. American Society of Regional Anesthesia and Pain Medicine (ASRA)

<https://www.asra.com/advisory-guidelines/article/8/practice-advisory-for-the-prevention-diagnosis-and-management-of-infectious-comp>

Ultrasound-Guided Regional Anesthesia

1. American Society of Regional Anesthesia and Pain Medicine (ASRA) - 2016

<https://www.asra.com/advisory-guidelines/article/2/the-second-american-society-of-regional-anesthesia-and-pain-medicine-evidence-ba>

Pediatric Regional Anesthesia

1. American Society of Regional Anesthesia and Pain Medicine (ASRA) and the European Society of Regional Anaesthesia and Pain Therapy - 2015

<https://www.asra.com/advisory-guidelines/article/6/the-european-society-of-regional-anaesthesia-and-pain-therapy-and-the-american-s>

PAIN MANAGEMENT

Acute Pain Management

1. American Society of Anesthesiologists (ASA) – 2012

http://anesthesiology.pubs.asahq.org/article.aspx?articleid=1933589&_ga=2.54115119.665977910.1530304742-675361604.1530304742

2. American Society of Regional Anesthesia and Pain Medicine (ASRA) – 2018

Consensus Guidelines on the Use of Intravenous Ketamine Infusions for Acute Pain Management From the American Society of Regional Anesthesia and Pain Medicine, the American Academy of Pain Medicine, and the American Society of Anesthesiologists

<https://www.asra.com/advisory-guidelines/article/11/consensus-guidelines-on-the-use-of-intravenous-ketamine-infusions-for-acute-pain>

3. American Society of Regional Anesthesia and Pain Medicine (ASRA) - 2016

Management of Postoperative Pain: A Clinical Practice Guideline

<https://www.asra.com/advisory-guidelines/article/7/management-of-postoperative-pain-a-clinical-practice-guideline>

4. American Society of Regional Anesthesia and Pain Medicine (ASRA) - 2018

Interventional Spine and Pain Procedures in Patients on Antiplatelet and Anticoagulant Medications (Second Edition)

<https://www.asra.com/advisory-guidelines/article/10/interventional-spine-and-pain-procedures-in-patients-on-antiplatelet-and-anticoa>

5. Royal College of Anaesthetists (RCOA) - 2019

Guidelines for the Provision of Anaesthesia Services for Acute Pain Services

<https://www.rcoa.ac.uk/document-store/guidance-the-provision-of-anaesthesia-services-acute-pain-services-2017>

Chronic Pain Management

1. American Society of Anesthesiologists (ASA) – 2010

http://anesthesiology.pubs.asahq.org/article.aspx?articleid=1932775&_ga=2.220943519.665977910.1530304742-675361604.1530304742

2. American Society of Regional Anesthesia and Pain Medicine (ASRA) – 2018

Consensus Guidelines on the Use of Intravenous Ketamine Infusions for Chronic Pain From the American Society of Regional Anesthesia and Pain Medicine, the American Academy of Pain Medicine, and the American Society of Anesthesiologists

<https://www.asra.com/advisory-guidelines/article/12/consensus-guidelines-on-the-use-of-intravenous-ketamine-infusions-for-chronic-pa>

Preoperative Fasting

1. American Society of Anesthesiologists (ASA) – 2017

http://anesthesiology.pubs.asahq.org/article.aspx?articleid=2596245&_ga=2.56777517.665977910.1530304742-675361604.1530304742

Monitoring

1. American Society of Anesthesiologists (ASA) – 2015

<http://www.asahq.org/quality-and-practice-management/standards-guidelines-and-related-resources/standards-for-basic-anesthetic-monitoring>

Postanesthetic Care

1. American Society of Anesthesiologists (ASA) – 2013

http://anesthesiology.pubs.asahq.org/article.aspx?articleid=1918686&_ga=2.53312687.665977910.1530304742-675361604.1530304742

2. Royal College of Anaesthetists (RCOA) - 2019

Guidelines for the Provision of Postoperative Care

<https://www.rcoa.ac.uk/document-store/guidelines-the-provision-of-postoperative-care-2018>

3. European Society of Anaesthesiology (ESA) - 2017

Guideline on Postoperative Delirium

https://journals.lww.com/ejanaesthesiology/Fulltext/2017/04000/European_Society_of_Anaesthesiology_evidence_based.3.aspx

Non-operating Room and Offsite Anesthesia

1. American Society of Anesthesiologists (ASA) – MRI - 2015

http://anesthesiology.pubs.asahq.org/article.aspx?articleid=2091587&_ga=2.213538963.665977910.1530304742-675361604.1530304742

2. Royal College of Anaesthetists (RCOA)

Guideline for the Provision of Anaesthesia Services in the Non-theatre Environment – 2018

<https://www.rcoa.ac.uk/document-store/guidelines-the-provision-of-anaesthesia-services-the-non-theatre-environment-2018>

Emergency Anesthesia

1. Royal College of Anaesthetists (RCOA) - 2017

Guidelines for the Emergency Anaesthesia

<https://www.rcoa.ac.uk/document-store/guidelines-the-provision-of-emergency-anaesthesia-2017>

2. Royal College of Anaesthetists (RCOA) - 2016

Guidelines for the Provision of Anaesthesia Services for Resuscitation

<https://www.rcoa.ac.uk/document-store/guidance-the-provision-of-anaesthesia-services-resuscitation-2016>

Pulmonary Artery Catheter

1. American Society of Anesthesiologists (ASA) – 2003

http://anesthesiology.pubs.asahq.org/article.aspx?articleid=1943244&_ga=2.220943519.665977910.1530304742-675361604.1530304742

Central Venous Access

1. American Society of Anesthesiologists (ASA) – 2012

http://anesthesiology.pubs.asahq.org/article.aspx?articleid=2443415&_ga=2.221468575.665977910.1530304742-675361604.1530304742

Transesophageal Echo

1. American Society of Echocardiography (ASE) & Society of Cardiovascular Anesthesiologists (SCA) - 2013

Guidelines for Performing a Comprehensive Transesophageal Echocardiographic Examination

https://www.asecho.org/wp-content/uploads/2014/05/2013_Performing-Comprehensive-TEE.pdf

2. American Society of Anesthesiologists (ASA) – 2010

Practice Guidelines for Perioperative Transesophageal Echocardiography

http://anesthesiology.pubs.asahq.org/article.aspx?articleid=1932826&_ga=2.14783409.665977910.1530304742-675361604.1530304742

Intraoperative Awareness and Brain Function Monitoring

1. American Society of Anesthesiologists (ASA) – 2006

http://anesthesiology.pubs.asahq.org/article.aspx?articleid=1923386&_ga=2.15499057.665977910.1530304742-675361604.1530304742

Neuraxial Opioids

1. American Society of Anesthesiologists (ASA) – 2016 (with ASRA)

http://anesthesiology.pubs.asahq.org/article.aspx?articleid=2477976&_ga=2.220491935.665977910.1530304742-675361604.1530304742

Venous Thromboembolism

1. European Society of Anaesthesiology (ESA)

European guidelines on perioperative venous thromboembolism prophylaxis:
Neurosurgery

https://journals.lww.com/ejanaesthesiology/Fulltext/2018/02000/European_guidelines_on_perioperative_venous.4.aspx

2. European Society of Anaesthesiology (ESA)

European guidelines on perioperative venous thromboembolism prophylaxis: Surgery during pregnancy and the immediate postpartum period

https://journals.lww.com/ejanaesthesiology/Fulltext/2018/02000/European_guidelines_on_perioperative_venous.10.aspx

3. European Society of Anaesthesiology (ESA)

European guidelines on perioperative venous thromboembolism prophylaxis: Day surgery and fast-track surgery

https://journals.lww.com/ejanaesthesiology/Fulltext/2018/02000/European_guidelines_on_perioperative_venous.11.aspx

4. European Society of Anaesthesiology (ESA)

European guidelines on perioperative venous thromboembolism prophylaxis: Intensive Care

https://journals.lww.com/ejanaesthesiology/Fulltext/2018/02000/European_guidelines_on_perioperative_venous.13.aspx

5. European Society of Anaesthesiology (ESA)

European guidelines on perioperative venous thromboembolism prophylaxis: Surgery in the obese patient

https://journals.lww.com/ejanaesthesiology/Fulltext/2018/02000/European_guidelines_on_perioperative_venous.14.aspx

6. European Society of Anaesthesiology (ESA)

European guidelines on perioperative venous thromboembolism prophylaxis: Chronic treatments with antiplatelet agents

https://journals.lww.com/ejanaesthesiology/Fulltext/2018/02000/European_guidelines_on_perioperative_venous.12.aspx

7. European Society of Anaesthesiology (ESA)

European guidelines on perioperative venous thromboembolism prophylaxis: Aspirin

https://journals.lww.com/ejanaesthesiology/Fulltext/2018/02000/European_guidelines_on_perioperative_venous.9.aspx

8. European Society of Anaesthesiology (ESA)

European guidelines on perioperative venous thromboembolism prophylaxis: Patients with preexisting coagulation disorders and after severe perioperative bleeding

https://journals.lww.com/ejanaesthesiology/Fulltext/2018/02000/European_guidelines_on_perioperative_venous.5.aspx

9. European Society of Anaesthesiology (ESA)

European guidelines on perioperative venous thromboembolism prophylaxis: Mechanical Prophylaxis

https://journals.lww.com/ejanaesthesiology/Fulltext/2018/02000/European_guidelines_on_perioperative_venous.7.aspx

10. European Society of Anaesthesiology (ESA)

European guidelines on perioperative venous thromboembolism prophylaxis: IVC filters

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11. European Society of Anaesthesiology (ESA)

European guidelines on perioperative venous thromboembolism prophylaxis: Surgery in the elderly

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