



## Guidelines to the Practice of Anesthesia\* Revised Edition 2018

### Appendix 4

#### Guidelines, Standards and Other Official Statements Available on the Internet

The Canadian Anesthesiologists' Society (CAS) does not have the resources to publish guidelines or standards on all possible topics, 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 websites 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 on January 2, 2018.

#### 1. American Society of Anesthesiologists

- 1.1. <http://www.asahq.org/quality-and-practice-management/standards-guidelines-and-related-resources-search>
- 1.2. ALL STANDARDS, GUIDELINES & PRACTICE PARAMETERS
- 1.3. **Administration**
  - 1.3.1. Guidelines for Minimally Acceptable Continuing Medical Education in Anesthesiology
  - 1.3.2. Statement on Physician Nonparticipation in Legally Authorized Executions
  - 1.3.3. Statement on Documentation of Anesthesia Care
  - 1.3.4. Anesthesia Consultation Program
  - 1.3.5. ASA Physical Status Classification System
  - 1.3.6. Statement on Professionalism
  - 1.3.7. Statement on Qualifications of Anesthesia Providers in the Office Based Setting
  - 1.3.8. Guidelines for Delineation of Clinical Privileges
  - 1.3.9. Guidelines for Expert Witness Qualifications and Testimony
  - 1.3.10. Policy Statement and Practice Parameters
  - 1.3.11. Protocol for Supporting a Member's Right to Practice
  - 1.3.12. Statement on Conflict of Interest
  - 1.3.13. Statement on Economic Credentialing
  - 1.3.14. Statement on the Anesthesia Care Team
  - 1.3.15. The Medical Necessity of Anesthesiology Services
  - 1.3.16. The Organization of an Anesthesia Department
  - 1.3.17. Statement Comparing Anesthesiologist Assistant and Nurse Anesthetist Education and Practice (last amended 10.25.17)

\* Please use the following citation: *Dobson G, Chong M, Chow L, et al. Guidelines to the Practice of Anesthesia – Revised Edition 2018. Can J Anesth 2018; 65: 76-104.*

- 1.4. **Ambulatory Office-Based Nonoperating Room Locations**
  - 1.4.1. Guidelines for Office-Based Anesthesia
  - 1.4.2. Guidelines for Ambulatory Anesthesia and Surgery
  - 1.4.3. Statement on Nonoperating Room Anesthetizing Locations
- 1.5 **Anesthesia Care**
  - 1.5.1 Guidelines for Patient Care in Anesthesiology
  - 1.5.2 Standards for Basic Anesthetic Monitoring
  - 1.5.3 Definition of Immediately Available When Medically Directing
  - 1.5.4 Statement on Anesthesia Care for Endoscopic Procedures
  - 1.5.5 Ethical Guidelines for the Anesthesia Care of Patient
  - 1.5.6 Guidelines for the Ethical Practice of Anesthesiology
  - 1.5.7 Position on Monitored Anesthesia Care
- 1.6 **Catheterization**
  - 1.6.1 Practice Guidelines for Central Venous Access
  - 1.6.2 Practice Guidelines for Pulmonary Artery Catheterization
- 1.7 **Critical Care**
  - 1.7.1 Statement on Controlled Organ Donation After Circulatory Death (last amended 10.25.17)
  - 1.7.2 The Principles of Critical Care Medicine
- 1.8 **Non-Anesthesiologists**
  - 1.8.1 Statement on Granting Privileges for Administration of Moderate Sedation to Practitioners
  - 1.8.2 Statement on Granting Privileges to Nonanesthesiologists Supervising Deep Sedation
  - 1.8.3 Statement on the Role of Registered Nurses in the Management of Continuous Regional Analgesia
  - 1.8.4 Advisory on Granting Privileges for Deep Sedation to Non-Anesthesiologist
- 1.9 **Obstetric Anesthesia**
  - 1.9.1 ACOG Statement on Nonobstetric Surgery During Pregnancy
  - 1.9.2 Optimal Goals for Anesthesia Care in Obstetrics
  - 1.9.3 Pregnancy Testing Prior to Anesthesia and Surgery
  - 1.9.4 Practice Guidelines for Obstetric Anesthesia
  - 1.9.2 Guidelines for Neuraxial Anesthesia in Obstetrics
- 2.0 **Pain**
  - 2.0.1. Guidelines on Chronic Pain Management
  - 2.0.2 Practice Guidelines for Acute Pain Management in the Perioperative Setting
  - 2.0.3 Statement on Reporting Postoperative Pain Procedures in Conjunction with Anesthesia
  - 2.0.4 Statement on Privileging for Chronic Pain Management
  - 2.0.5 Statement on Quality of End-of-Life Care
  - 2.0.6 Statement on Anesthetic Care During Interventional Pain Procedures for Adults
- 2.1 **Pediatrics**
  - 2.1.1 Statement on Practice Recommendations for Pediatric Anesthesia
- 2.2 **Perioperative Care**
  - 2.2.1 Statement on Transesophageal Echocardiography
  - 2.2.2 Practice Guidelines for Perioperative Blood Management
  - 2.2.3 Practice Guidelines for the Perioperative Management of Patients with Obstructive Sleep Apnea
  - 2.2.4 Practice Advisory for Intraoperative Awareness and Brain Function Monitoring
- 2.3 **Postanesthetic Care**
  - 2.3.1 Practice Guidelines for Postanesthetic Care

- 2.4 **Preanesthesia Care**
  - 2.4.1 Practice Advisory for Preanesthesia Evaluation
  - 2.4.2 Practice Guidelines for Preoperative Fasting and the Use of Pharmacologic Agents to Reduce the Risk of Pulmonary Aspiration
- 2.5 **Quality and Safety**
  - 2.5.1 Prevention and Management of Operating Room Fires
  - 2.5.2 Advisory on Granting Privileges for Deep Sedation to Non Anesthesiologist Physicians
  - 2.5.3 Prevention, Diagnosis and Management of Infectious Complications Associated with Neuraxial Techniques
- 2.6 **Radiology**
  - 2.6.1 Practice Advisory on Anesthetic Care for Magnetic Resonance Imaging
- 2.7 **Regional Anesthesia**
  - 2.7.1 Statement on Regional Anesthesia
- 2.8 **Respiratory Care**
  - 2.8.1 Practice Guidelines for the Prevention, Detection and Management of Respiratory Depression Associated with Neuraxial Opioid Administration
  - 2.8.2 Practice Guideline on the Management of the Difficult Airway
- 2.9 **Sedation**
  - 2.9.1 Practice Guideline on the Sedation and Analgesia by Non-Anesthesiologists
- 2.10 **Transplant**
  - 2.10.1 Guidelines for Director of Liver Transplant Anesthesia
- 2.11 **Trauma**
  - 2.11.1 Statement of Principles Trauma Anesthesiology

## **2. American Society of Regional Anesthesia and Pain Medicine**

- 2.1. <http://asra.com/publications.php>
  - 2.1.1. Advisories & Guidelines
  - 2.1.2. The Second American Society of Regional Anesthesia and Pain Medicine Evidence-Based Medicine Assessment of Ultrasound-Guided Regional Anesthesia 2016
  - 2.1.3. Management of Postoperative Pain: A Clinical Practice Guideline 2016
  - 2.1.4. Interventional Spine and Pain Procedures in Patients on Antiplatelet and Anticoagulation Medication 2015
  - 2.1.5. Checklist for Treatment of Local Anesthetic Systemic Toxicity 2012
  - 2.1.6. Anticoagulation 3<sup>rd</sup> Edition 2010

## **3. The Association of Anaesthetists of Great Britain & Ireland – AAGBI**

- 3.1 [www.aagbi.org](http://www.aagbi.org)
  - 3.1.1 Publications/guidelines
  - 3.1.1 Immediate Post-Anaesthesia Recovery (2013)
  - 3.1.2 Immediate Post-Anaesthesia Recovery (supplement) (2013)
  - 3.1.3 Pre-operative Assessment and Patient Preparation - The role of the Anaesthetist 2 (2010)
  - 3.1.4 Safe Vascular Access (2016)
  - 3.1.5 Standards of Monitoring During Anaesthesia and Recovery (2015)
  - 3.1.6 Ultrasound in Anaesthesia and Intensive Care - a Guide to Training (2011)

## **4. Association of Paediatric Anaesthetists of Great Britain and Ireland**

- 4.1. <http://www.apagbi.org.uk>
  - 4.1.1. Publications / APA Guidelines

- 4.1.2. Guidance for the Administration of Codeine and Alternative Opioid Analgesics in Children (2013)
- 4.1.3. Good Practice in Postoperative and Procedural Pain Management, 2nd edition (2012)
- 4.1.4. Paediatric Difficult Airway Guidelines (2015)
- 4.1.5. Guidelines on the Prevention of Postoperative Vomiting in Children (2016) updated
- 4.1.6. APA Consensus Guideline on Perioperative Fluid Management in Children (2007)
- 4.1.7. Immunisation Guideline: The Timing of Vaccination with Respect to Anaesthesia and Surgery
- 4.1.8. Codeine and Paracetamol Use in Children – Advice (November 2013) (*Please note: the APA is working with several professional organisations including RCoA and RCPCH to develop the most up to date advice on specific analgesia challenges in children. We will post updates to our advice here as and when they become available. Previous advice is included here for completeness.*)
- 4.1.9. Codeine and Paracetamol Use in Children – (October 2013)
- 4.1.10. APA Guidance on the Use of Safety Cannulae (March 2013)
- 4.1.11. Resuscitation Training for Non-Training Grade Anaesthetists (2016)
- 4.1.12. Resuscitation Training for Non-Training Grade Anaesthetists (*the APA has developed recommendations for resuscitation training for non-training grade anaesthetists. This is recognised as a valid method of maintaining paediatric resuscitation knowledge and skills for the purposes of annual appraisal, revised October 2014.*)
- 4.1.13. Good Practice in Postoperative and Procedural Pain (2008)
- 4.1.14. Appendix to Good Practice in Postoperative and Procedural Pain (2008)

## 5. The Royal College of Anaesthetists

- 5.1 <http://www.rcoa.ac.uk>
- 5.1.1. Clinical Quality, Standards and Safety / Clinical Quality Publications
- 5.1.2. Anaesthesia Services in Remote Sites (2014)
- 5.1.3. Best Practice in the Management of Epidural Analgesia in the Hospital Setting (2010)
- 5.1.4. Cardiopulmonary Resuscitation: Standards for Clinical Practice and Training (2004) - archived
- 5.1.5. Child Protection and the Anaesthetist: Safeguarding Children in the Operating Theatre (2014)
- 5.1.6. Classification of Urgency of Caesarean Section – A Continuum of Risk (2010)
- 5.1.7. Female Admissions (ages 16-50 years) to Adult, General Critical Care Units in England, Wales and Northern Ireland, reported as ‘currently pregnant’ or ‘recently pregnant’ (2007; updated 2009)
- 5.1.8. Guidance on the Provision of Anaesthesia Services for Acute Pain Management 2017
- 5.1.9. The Good Practice Guide (2006)
- 5.1.10. Guidance for Continuing Professional Development (updated January 2013)
- 5.1.11. Guidance for the Use of Propofol Sedation for Adult Patients Undergoing Endoscopic Retrograde Cholangiopancreatography (ERCP) and Other Complex Upper GI Endoscopic Procedures (2014)
- 5.1.12. Guidelines for the Provision of Paediatric Anaesthetic Services (2017)
- 5.1.13. Guidelines for the Provision of Anaesthetic Services (2016)
- 5.1.14. Guidelines for the Management of Children Referred for Dental Extractions Under General Anaesthesia (2011)

- 5.1.15. Implementing and Ensuring Safe Sedation Practice for Healthcare Procedures in Adults (2013)
- 5.1.16. Information Management: Guidance for Anaesthetists (2008)
- 5.1.17. Primary and Final FRCA Examinations Regulations (2016)
- 5.1.18. Role of Non-Medical Staff in the Delivery of Anaesthesia Services (2002)
- 5.1.19. Safeguarding Children and Young People: Roles and Competences for Health Care Staff (2014)
- 5.1.20. Safer Childbirth: Minimum Standards for the Organisation and Delivery of Care in Labour (2007)
- 5.1.21. Standards for Conscious Sedation in Dentistry: Alternative Techniques (2007)
- 5.1.22. Syringe Labelling in Critical Care Areas (2014)
- 5.1.23. The Acutely or Critically Sick or Injured Child in the District General Hospital (2006)
- 5.1.24. Tonsillectomy and Adenoidectomy in Children with Sleep Related Breathing Disorders (2008; reviewed 2010)

## **6. Obstetric Anaesthetists' Association**

- 6.1. <http://www.oaa-anaes.ac.uk/ui/content/content.aspx?ID=152>
- 6.1.1. OAA/AAGBI Guidelines for Obstetric Anaesthesia Services (2013)
- 6.2. <http://www.labourpains.com/ui/content/content.aspx?id=45#>
- 6.2.1. Leaflet in many languages about Pain Relief in Labour

## **7. Le Collège Français des Anesthésistes-Réanimateurs (CFAR)**

- 7.1. <http://www.cfar.org/>

## **8. Société Française d'Anesthésie et de Réanimation (French Society of Anesthesia and Intensive Care)**

- 7.1 <http://www.sfar.org>  
Standards and guidelines in the French language

## **9. The Scandinavian Society of Anaesthesiology and Intensive Care Medicine**

- 9.1. <http://ssai.info/guidelines/>
- 9.1.1. Scandinavian Clinical Practice Guideline on Fluid and Drug Therapy in Adults with Acute Respiratory Distress Syndrome (2016)
- 9.1.2. Scandinavian Clinical Practice Guideline on Mechanical Ventilation in Adults with the Acute Respiratory Distress Syndrome (2015)
- 9.1.3. Scandinavian Clinical Practice Guideline on Choice of Fluid in Resuscitation of Critically Ill Patients with Acute Circulatory Failure (2015)

## **10. European Union of Medical Specialists (Media and Library / Policy Documents)**

- 10.1.1. <http://www.uems.eu>
- 10.1.2. Charter on Specialist Training (1993)
- 10.1.3. Charter on Continuing Medical Education (1994)
- 10.1.4. Charter on Quality Assurance in Specialist Practice in the EU (1996)
- 10.1.5. Charter on the Visitation of Training Centers (1997)
- 10.1.6. Charter on Continuing Professional Development - Basel Declaration (2001)
- 10.1.7. Declaration on Promoting Good Medical Care (2004)
- 10.1.8. Ensuring the Quality of Medical Care - Budapest Declaration (2006)
- 10.1.9. Policy Statement on Assessments during Postgraduate Medical Training (2006)
- 10.1.10. UEMS Strategy (2008)

## **11. American College of Cardiology (Science & Quality/Guidelines & Quality Standards)**

- 11.1. <http://www.acc.org/>
- 11.2. Many standards on cardiac assessment and care, including:
  - 11.2.1. Perioperative Cardiovascular Evaluation and Care for Noncardiac Surgery: Guidelines on (2014)
  - 11.2.2. Guideline for the Management of Patients with Non-ST-Elevation Acute Coronary Syndromes (2014)
  - 11.2.3. Hypertrophic Cardiomyopathy: Guideline for the Diagnosis and Treatment of (2011)
  - 11.2.4. Coronary Artery Bypass Graft Surgery: Guideline for (2011)
  - 11.2.5. Percutaneous Coronary Intervention: Guideline for (2011)

## **12. American College of CHEST Physicians**

- 12.1. <http://www.chestnet.org>
- 12.2. Guidelines and Resources
  - 12.2.1. Approximately 20 guidelines on mostly medical issues, notably:
  - 12.2.2. Antithrombotic Therapy and Prevention of Thrombosis, 9<sup>th</sup> edition: American College of Chest Physicians Evidence-Based Guidelines (February 2012)

## **13. American Thoracic Society**

- 13.1. <http://www.thoracic.org/statements/>
  - 13.1.1. Approximately 125 guidelines related to respiratory medicine and thoracic surgery, notably:
  - 13.1.2. ATS/ACCP Statement: Cardiopulmonary Exercise Testing (2003)

## **14. American College of Physicians**

- 14.1. [http://www.acponline.org/clinical\\_information/guidelines/current/#acg](http://www.acponline.org/clinical_information/guidelines/current/#acg)
  - 14.1.1. A variety of medical guidelines, including:
  - 14.1.2. Diagnosis and Management of Stable Chronic Obstructive Pulmonary Disease: A Clinical Practice Guideline Update from the American College of Physicians, American College of Chest Physicians, American Thoracic Society, and European Respiratory Society (2011) - inactive
  - 14.1.3. Management of Chronic Insomnia Disorder in Adults: A Clinical Practice Guideline from the American College of Physicians (2016)
  - 14.1.4. Diagnosis of Obstructive Sleep Apnea in Adults (2014)

## **15. National Institute for Health and Care Excellence**

- 15.1. [www.nice.org.uk/](http://www.nice.org.uk/)
  - 15.1.1. Published clinical guidelines, mostly medical, including:
  - 15.1.2. Routine Preoperative Tests for Elective Surgery (April 2016)
  - 15.1.3. Prophylaxis Against Infective Endocarditis – Antimicrobial Prophylaxis Against Infective Endocarditis in Adults and Children Undergoing Interventional Procedures (July 2016) updated
  - 15.1.4. Surgical Site Infection (October 2013)
  - 15.1.5. Hypothermia: Prevention and Management in Adults Having Surgery (Updated December 2016)

## **16. Scottish Intercollegiate Guidelines Network**

- 16.1. <http://www.sign.ac.uk/our-guidelines.html>

## **17. The Canadian Medical Protective Association**

- 17.1. [www.cmpa-acpm.ca](http://www.cmpa-acpm.ca)

**18. The Society of Obstetricians and Gynaecologists of Canada**

18.1. <https://sogc.org/index.html>

**19. Intensive Care Society (UK)**

19.1. <http://www.ics.ac.uk/>

**20. Canadian Cardiovascular Society**

20.1 <http://ccs.ca/en/guidelines/guidelines-library>

20.1.1 Canadian Cardiovascular Society Guidelines on Perioperative Cardiac Risk Assessment and Management for Patients Who Undergo NonCardiac Surgery (2016)

**21. University of Florida, Center for Safety, Simulation and Advanced Learning Technologies**

21.1 <http://vam.anest.ufl.edu/guidelines.html>

21.1.1 Anesthesia Machine Pre-Use Check Guidelines

**22. McMaster University - Canadian Guideline for Safe and Effective Use of Opioids for Chronic Non-Cancer Pain**

22.1 <http://nationalpaincentre.mcmaster.ca/opioid/>

22.1.1 Canadian Guideline for Safe and Effective use of Opioids for Chronic Non-Cancer Pain – Part A: Executive Summary and Background. Version 4.5, April 30, 2010.

22.1.2 Canadian Guideline for Safe and Effective use of Opioids for Chronic Non-Cancer Pain – Part B: Recommendations for Practice. Version 5.5, April 30, 2010.

**23. NHS Improving Quality (UK)**

23.1 <https://improvement.nhs.uk/resources/>

NHS Improving Quality (NHS IQ) is the driving force for improvement across the NHS in England. We are working to improve health outcomes for people by providing improvement and change expertise.

**24. ERAS® Society (Enhanced Recovery After Surgery)**

24.1 <http://www.erassociety.org>

**Other Resources**

**25. National Guideline Clearinghouse**

25.1 [www.guideline.gov](http://www.guideline.gov)

25.1.1 An online repository of guidelines from many organizations. Currently contains 1,643 guideline summaries (December 2017)

**26. Stirling, Dale A. Biomedical Organizations: a Worldwide Guide to Position Documents.** New York: Routledge, 2006. Available from URL:

<http://www.biblio.com/books/340707331.html>

26.1 A textbook survey of hundreds of global medical organizations and their position statements at your fingertips. This comprehensive reference not only analyzes and discusses the history and characteristics of the creation and development of the organizational position statement, but also lists medical organizations and their Web site addresses, and presents an alphabetical index of their position statements. Indexed according to subject as well as by organization.