

## Chapter 11

### Guidelines for the Provision of Anaesthesia Services (GPAS)

### Guidelines for the Provision of Anaesthesia Services for Inpatient Pain Management

Consultation draft - November 2023



# Chapter 11

## Guidelines for the Provision of Anaesthesia Services for Inpatient Pain Management 2024

### 1 **Declarations of interest**

2 All chapter development group (CDG) members, stakeholders and external peer reviewers were  
3 asked to declare any pecuniary or non-pecuniary conflict of interest, in line with the guidelines for  
4 the provision of anaesthetic services (GPAS) conflict of interest policy as described in the GPAS  
5 chapter development process document.

6  
7 The nature of the involvement in all declarations made was not determined as being a risk to the  
8 transparency or impartiality of the chapter development. Where a member was conflicted in  
9 relation to a particular piece of evidence, they were asked to declare this and then, if necessary,  
10 removed themselves from the discussion of that particular piece of evidence and any  
11 recommendation pertaining to it.

### 12 **Medico-legal implications of GPAS guidelines**

13 *GPAS guidelines are not intended to be construed or to serve as a standard of clinical care.*  
14 *Standards of care are determined on the basis of all clinical data available for an individual case*  
15 *and are subject to change as scientific knowledge and technology advance and patterns of care*  
16 *evolve. Adherence to guideline recommendations will not ensure successful outcome in every*  
17 *case, nor should they be construed as including all proper methods of care or excluding other*  
18 *acceptable methods of care aimed at the same results. The ultimate judgement must be made by*  
19 *the appropriate healthcare professional(s) responsible for clinical decisions regarding a particular*  
20 *clinical procedure or treatment plan. This judgement should only be arrived at following discussion*  
21 *of the options with the patient, covering the diagnostic and treatment choices available. It is*  
22 *advised, however, that significant departures from the national guideline or any local guidelines*  
23 *derived from it should be fully documented in the patient's case notes at the time the relevant*  
24 *decision is taken.*

### 25 **Promoting equality and addressing health inequalities**

26 The Royal College of Anaesthetists is committed to promoting equality and addressing health  
27 inequalities. Throughout the development of these guidelines, we have:

- 28 • given due regard to the need to eliminate discrimination, harassment and victimisation, to  
29 advance equality of opportunity, and to foster good relations between people who share a  
30 relevant protected characteristic (as cited under the Equality Act 2010) and those who do  
31 not share it
- 32 • given regard to the need to reduce inequalities between patients in access to, and  
33 outcomes from healthcare services and to ensure services are provided in an integrated way  
34 where this might reduce health inequalities.

### 35 **GPAS guidelines in context**

36 The GPAS documents should be viewed as 'living documents'. The development, implementation  
37 and review of the GPAS guidelines should be seen not as a linear process, but as a cycle of  
38 interdependent activities. These in turn are part of a range of activities to translate evidence into  
39 practice, set standards and promote clinical excellence in patient care.

40  
41 Each of the GPAS chapters should be seen as independent but interlinked documents. Guidelines  
42 on the general provision of anaesthetic services are detailed in the [GPAS Chapter 2: Guidelines for  
43 the Provision of Anaesthesia Services for the Perioperative Care of Elective and Urgent Care  
44 Patients](#).

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46 These guidelines apply to all patients who require anaesthesia or sedation, and are under the care  
47 of an anaesthetist. For urgent or immediate emergency interventions, this guidance may need to  
48 be modified as described in [GPAS Chapter 5: Guidelines for the Provision of Emergency](#)  
49 [Anaesthesia](#).

50  
51 The rest of the chapters of GPAS apply only to the population groups and settings outlined in the  
52 'Scope' section of these chapters. They outline guidance that is additional, different or particularly  
53 important to those population groups and settings included in the Scope. Unless otherwise stated  
54 within the chapter, the recommendations outlined in chapters 2–5 still apply.

55 Each chapter will undergo yearly review and will be continuously updated in the light of new  
56 evidence.

57 Guidelines alone will not result in better treatment and care for patients. Local and national  
58 implementation is crucial for changes in practice necessary for improvements in treatment and  
59 patient care.

### 60 **Aims and objectives**

61 The objective of this chapter is to promote current best practice for the delivery of inpatient pain  
62 management by anaesthesia services. The guidance is intended for use by anaesthetists with  
63 responsibilities for service delivery, healthcare managers and the wider inpatient pain team.

64 This guideline does not comprehensively describe clinical best practice relating to inpatient pain  
65 management, but is primarily concerned with the requirements for the provision of a safe,  
66 effective, well led service, which may be delivered by many different acceptable models. The  
67 guidance on provision of inpatient pain management applies to all settings where this is  
68 undertaken, regardless of funding. All age groups are included within the guidance unless  
69 otherwise stated, reflecting the broad nature of this service.

70 A wide range of evidence has been rigorously reviewed during the production of this chapter,  
71 including recommendations from peer reviewed publications and national guidance, where  
72 available. However, both the authors and the CDG agreed that there is a paucity of level 1  
73 evidence relating to service provision in inpatient pain management. In some cases, it has been  
74 necessary to include recommendations of good practice based on the clinical experience of the  
75 CDG.

76 The recommendations in this chapter will support the RCoA's Anaesthesia Clinical Services  
77 Accreditation (ACSA) process.

### 78 **Scope**

#### 79 **Target audience**

80 All staff groups working in inpatient pain services (IPS), including (but not restricted to) consultant  
81 anaesthetists, autonomously practising anaesthetists, anaesthetists in training, nurses and allied  
82 health professionals contributing to a multidisciplinary approach to good pain management.

#### 83 **Target population**

84 All ages of patients requiring IPS.

#### 85 **Healthcare setting**

86 All settings within the hospital in which anaesthesia services for IPS are provided.

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### 87 **Clinical management**

88 Key components needed to ensure provision of high quality anaesthetic services for IPS

89 Areas of provision considered:

- 90 • levels of provision of service, including (but not restricted to) staffing, equipment, support  
91 services and facilities
- 92 • areas of special requirement, including acute on chronic pain, children, emergency  
93 department, opioid stewardship, preoperative, management of patients post discharge and  
94 specific patient groups
- 95 • training and education
- 96 • research and audit
- 97 • organisation and administration
- 98 • patient information.

### 99 **Exclusions**

100 Specific clinical guidelines specifying how healthcare professionals should manage a particular  
101 condition or painful procedure will not be covered within this guideline.

102 General provision of critical care is outside the scope of this document. Further information,  
103 including definitions of levels of critical care can be found in the Faculty of Intensive Care  
104 Medicine and Intensive Care Society publication, [Guidelines for the Provision of Intensive Care  
105 Services](#).

### 106 **Recommendations**

107 The grade of evidence and the overall strength of each recommendation are tabulated in  
108 Appendix 1. We hope that this document will act as a stimulus to future research.

### 109 **1 Staffing requirements**

110 **1.1** Inpatient pain services (IPS) should be staffed by multidisciplinary teams led by appropriately  
111 trained autonomously practising anaesthetists (see [Glossary](#)). The minimum training  
112 requirement for new appointments to IPS lead roles is Stage 3 Special Interest Area Pain  
113 Medicine training.<sup>1,2</sup>

114 **1.2** Anaesthetists in an IPS post need to demonstrate an ongoing significant interest in pain  
115 management by involvement in continuing professional development (CPD), appraisal and  
116 job planning. The minimum training requirement for new appointments of IPS anaesthetists is  
117 stage 3 special interest area in acute inpatient pain.

118 **1.3** The IPS should have a clinical lead/ specialty lead with time identified for leadership and  
119 development roles within their job plan. Time, in Programmed Activities should be allocated  
120 proportional to the size of the organisation and service provided.

121 **1.4** Adequate staffing and systems should be in place to provide timely pain management to all  
122 inpatients. Out of usual working hours, this may be delivered by appropriately trained IPS  
123 nursing staff or anaesthetic staff. A clear point of contact for expert advice should be  
124 available at all times.

125 **1.5** Patients under the care of an IPS should be reviewed by the IPS regularly, with patients  
126 receiving epidural analgesia or other continuous local anaesthetic infusions being seen at  
127 least once daily (including weekends).

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- 128 1.6 Adequate numbers of clinical nurse specialists in pain medicine should be available to fulfil  
129 the following roles within working hours:
- 130 • review of patients in pain with appropriate frequency to provide a safe and effective  
131 service
  - 132 • provision of advice to ward staff and other healthcare teams regarding all aspects of pain  
133 management
  - 134 • liaison with an appropriate pain medicine specialist to highlight clinical or systematic  
135 problems
  - 136 • ensuring that systems are in place to support non specialist healthcare staff to safely and  
137 effectively manage acute pain overnight and at weekends if the IPS is not immediately  
138 available.
- 139 1.7 The IPS should aim to provide multidisciplinary assessment and management of pain where  
140 needed. This should involve collaborative working with allied health professionals including  
141 pharmacists, physiotherapists, clinical psychologists, liaison psychiatrists and addiction  
142 medicine specialists.<sup>3,4</sup>
- 143 1.8 Inpatient pain teams should consider integrating clinical psychologists into their  
144 multidisciplinary team. Areas which could benefit from clinical psychology involvement  
145 includes inpatients with complex pain. Certain patients may benefit from preoperative  
146 psychological interventions and within the framework of post-discharge transitional pain  
147 clinics.<sup>5</sup>
- 148 1.9 Outpatient (chronic) pain management teams should be available to provide advice to the  
149 IPS during working hours. This activity should be supported through job planning.
- 150 1.10 Pain services should be integrated, with collaboration between the inpatient and outpatient  
151 (chronic) pain services.<sup>6</sup>
- 152 1.11 There should be clear communication between the inpatient and outpatient (chronic) pain  
153 services so that patients can be referred directly into the outpatient service post discharge  
154 (where appropriate).

## 155 2 Equipment and facilities

### 156 Equipment

- 157 2.1 All equipment and disposables must be compliant with local and national safety policies.  
158 There should be an adequate supply of the following:<sup>11,12,13,14</sup>
- 159 • infusion pumps for neuraxial analgesia (epidural infusion/patient controlled epidural  
160 analgesia (PCEA) and potentially intrathecal infusions)<sup>7</sup>
  - 161 • infusion pumps for use with continuous regional analgesia catheters
  - 162 • patient controlled analgesia infusion pumps
  - 163 • infusion pumps for other analgesic drugs
  - 164 • disposables for the above, including neuraxial and regional block devices e.g., NRFit.
- 165 2.2 Availability of other, non-medical equipment required to provide pain management in  
166 specific scenarios and patient groups (e.g., virtual reality during painful paediatric medical  
167 interventions, TENS machine) should be considered.<sup>8,9</sup>
- 168 2.3 Ultrasound scanning, nerve stimulators and all equipment and drugs necessary to perform  
169 local and regional analgesic techniques should be available.<sup>10</sup>

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- 170 2.4 Pumps and infusion lines should be single purpose, appropriately coloured or labelled and  
171 conform to national safety standards.<sup>11,12,13,14,15</sup>
- 172 2.5 All equipment used for regional anaesthesia and regional analgesia should have NRfit  
173 connections.<sup>16</sup>
- 174 2.6 Drugs for epidural use or for continuous regional anaesthesia infusions should be prepared  
175 and stored in compliance with local and national medicines management policies.<sup>11,12,13,14</sup>
- 176 2.7 Local anaesthetic drugs should be stored separately from intravenous drugs and other  
177 infusion bags to reduce the risk of accidental intravenous administration of such  
178 medication.<sup>17,18</sup>
- 179 2.8 Controlled drugs must be stored and audited in compliance with current legislation.<sup>19,20,21</sup>
- 180 2.9 Arrangements should be in place to minimise the risk of drug administration errors and 'Never  
181 Events' and there should be a robust mechanism through which to learn from these should  
182 they occur.<sup>22,23,24,25,26,27</sup>
- 183 2.10 Clinical areas caring for patients receiving analgesic techniques which may result in  
184 cardiovascular, respiratory or neurological impairment should have appropriate facilities and  
185 adequately trained staff to provide appropriate monitoring.<sup>28</sup>
- 186 2.11 Drugs and equipment for the management of the complications associated with analgesic  
187 techniques should be readily available.<sup>28</sup>
- 188 2.12 Equipment, protocols and training should be in place to allow the safe delivery of continuous  
189 regional analgesia. Postoperative pain scores and function may be improved by the use of  
190 continuous regional analgesia after appropriate procedures.<sup>29</sup>
- 191 2.13 There should be a planned maintenance and replacement programme for all pain  
192 management equipment.
- 193 **Facilities**
- 194 2.14 There should be proportionate office space to the size of the IPS, and adequate informatics  
195 and administrative staff to support all areas of the IPS.
- 196 2.15 There should be appropriate storage facilities for analgesic devices and drugs.
- 197 **3 Areas of special requirement**
- 198 **Acute on chronic pain**
- 199 Acute exacerbation of chronic pain conditions is a growing problem. These patients require more  
200 time and resources of the IPS. Patients with such exacerbations require complex MDT planning to  
201 facilitate improvement and early discharge.
- 202 3.1 National data indicates that patients with exacerbations of chronic pain require high levels of  
203 inpatient pain services input. Outpatient pain services should be collaboratively involved with  
204 these patients' care. While they are inpatients, there should be an MDT approach.
- 205 **Children**
- 206 Recommendations on the provision of anaesthesia services for children are comprehensively  
207 described in [Chapter 10: Guidelines for the Provision of Paediatric Anaesthesia Services](#).

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- 208 3.2 The standard of care for neonates, infants, children and young people should be the same as  
209 that for adults, with specific arrangements made for the management of pain in neonates,  
210 infants, children and young people.<sup>30</sup>
- 211 3.3 The children's inpatient pain service should be delivered by an appropriately trained and  
212 experienced multidisciplinary team, with specific skills in paediatric pain management and  
213 paediatric anaesthesia. The team may include clinical nurse specialists, anaesthetists,  
214 paediatricians, surgeons, pharmacists, child psychologists and physiotherapists.
- 215 3.4 All tertiary paediatric centres should have access to paediatric chronic pain services to assist  
216 in managing complex cases. Other centres should develop a network to provide access to  
217 paediatric chronic pain services for advice and guidance.
- 218 **Emergency department**
- 219 3.5 IPS should aim to work collaboratively with the emergency department (ED) to improve pain  
220 management for patients while they are in the ED.<sup>31</sup>
- 221 3.6 Specialist acute pain management advice and intervention should be available in the ED.
- 222 3.7 IPS should provide assistance in developing management plans for groups or individuals who  
223 attend ED frequently with pain. This should be in the context of a wider multidisciplinary team  
224 including chronic pain services, primary care and clinical psychology. Opioid therapy  
225 continuation on ED discharge is associated with risk of tolerance and misuse.<sup>32</sup>
- 226 **Opioid stewardship**
- 227 3.8 The IPS should be champions of opioid stewardship across all clinical areas. Trusts could  
228 consider setting up an opioid stewardship committee.
- 229 3.9 Responsible opioid stewardship should be practiced as described by the Faculty of Pain  
230 Medicine Opioids Aware guidelines and Surgery and Opioid: Best Practice Guidelines  
231 2021.<sup>33,34</sup> Leaflets should be available for patients on opioids.
- 232 3.10 There should be clear discussions about the risks of opioids with all patients started on opioids.  
233 Discussions should include information on safe storage and disposal, safe driving and the  
234 anticipated duration of therapy. All discussions should be documented with a clear agreed  
235 plan to de-escalate and stop usage when the acute pain phase is over.<sup>36,33,35</sup>
- 236 3.11 Patients receiving high dose opioids (i.e.,  $\geq 60$ mg oral morphine equivalent over 24  
237 hours) should be identified in the preoperative period and referred to specialist services to  
238 reduce their opioid use and manage their preexisting pain issues.<sup>33,36</sup>
- 239 3.12 Patients taking high dose opioids during pregnancy should be identified and involved in a  
240 review in an antenatal obstetric anaesthesia clinic, with referral to specialist pain services as  
241 required.<sup>36,37</sup>
- 242 3.13 Opioid doses should be adjusted accordingly to take into consideration a patient's medical  
243 history and any comorbidities.<sup>33</sup>
- 244 3.14 Discharge prescriptions for opioids should be for a maximum of five days to reduce the risk of  
245 persistent postoperative opioid use.<sup>36,38,39</sup>
- 246 3.15 The need for ongoing analgesia may represent a surgical complication such as infection or  
247 nerve injury and so a primary care physician should review the patient before re-prescribing  
248 these drugs.<sup>36,33</sup>
- 249 3.16 Initiation of Modified release (MR) opioids should be avoided for acute pain.<sup>36,33,40</sup>

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250 3.17 The service should have access to chronic pain outpatient clinics that specialise in opioid de-  
251 escalation.<sup>36,33,35</sup>

### 252 Preoperative

253 General guidelines for preoperative assessment and preparation are comprehensively described  
254 in [GPAS Chapter 2: Guidelines for the Provision of Anaesthesia Services for the Perioperative](#)  
255 [Care of Elective and Urgent Care Patients](#).

256 3.18 The inpatient pain team should be involved in the perioperative management of patients  
257 with complex pain needs, including those at risk of severe pain postoperatively, chronic post-  
258 surgical pain and persistent postoperative opioid use.

259 3.19 Patients at high risk of developing pain complications should be identified preoperatively  
260 e.g., patients with preexisting chronic pain and high dose opioid use (including a recording of  
261 their Oral Morphine Equivalent (OME) dose per 24 hours). The perioperative care of these  
262 patients should be planned in advance.

263 3.20 Perioperative care of these patients should include prehabilitation to optimise the  
264 management of preoperative pain, including psychological preparation, education and  
265 expectation management.

266 3.21 Patients with complex pain requirements should be referred to specialist outpatient pain  
267 services to optimise their pain management and where appropriate, opioid tapering should  
268 be considered.

269 3.22 All patients (and relatives, where relevant) should be fully informed regarding their planned  
270 pain management and should be encouraged to be active participants in decisions  
271 concerning their care.

### 272 Management of patients post discharge

273 A gap exists between acute and chronic pain management and a need to provide continuity of  
274 care for inpatients with complex pain needs after discharge from the hospital. This includes but is  
275 not limited to, patients with abnormal trajectories of pain resolution and/or opioid use. Developing  
276 post discharge services linking inpatient and outpatient pain services can bridge this gap.<sup>41</sup>

277 3.23 The inpatient pain team should aim to follow up patients identified as high risk of progression  
278 from acute to chronic pain post discharge. This could be in the form of a transitional pain  
279 clinic and is time limited.

280 3.24 There should be a mechanism in place for patients who continue to have complex pain  
281 requirements beyond the scope of transitional pain services to be referred to specialist  
282 outpatient chronic pain services.

### 283 Specific patient groups

284 3.25 Specific arrangements and guidelines should be available, where applicable, for the  
285 management of subgroups of patients with additional complexities, including but not limited  
286 to:

- 287 • patients with acute exacerbations of chronic pain
- 288 • patients with opioid tolerance<sup>42</sup>
- 289 • patients with multiple trauma or significant blunt chest wall trauma
- 290 • critically ill patients
- 291 • patients with significant organ dysfunction



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- 292
  - pregnant and breastfeeding patients
- 293
  - older and/or frail patients<sup>43,44,45</sup>
- 294
  - patients with dementia
- 295
  - patients with physical or learning disability
- 296
  - patients with problem drug and alcohol use<sup>46</sup>
- 297
  - patients with coexisting mental health problems
- 298
  - non-English-speaking patients.
- 299 3.26 The IPS should liaise with relevant anaesthetic colleagues for those patients requiring specific
- 300 acute pain related interventional procedures outside the context of immediate surgery e.g.
- 301 continuous regional anaesthesia for patients with rib fractures.

### 302 4 Training and education

303 Inpatient pain services should actively contribute to a hospital environment in which education,  
304 training and staffing levels ensure the safe care of patients being treated for pain.

305 4.1 Inpatient pain services should provide education delivered by appropriately trained  
306 individuals.<sup>47</sup> Training should include the recognition, assessment and treatment of pain, this  
307 includes using a management plan.

308 4.2 Training should be provided as part of employment induction and repeated at regular  
309 intervals thereafter for anaesthetists, ward staff, doctors in training and allied health  
310 professionals.

311 4.3 All staff should know how to obtain expert advice when required, including being able to  
312 access relevant guidelines and protocols.

313 4.4 Members of the IPS should have access to internal and external CPD appropriate to their  
314 roles. Funding and time should be available for staff to attend this training.<sup>48</sup>

315 4.5 Training for anaesthetists to attain Stage 1, Stage 2 and Stage 3 competencies in pain  
316 medicine, as specified within the Royal College of Anaesthetists (RCoA) 2021 curriculum  
317 should be provided. Training opportunities can include allied health professional led reviews  
318 with appropriate education supervision from a recognised RCoA trainer. Where Stage 3  
319 training including Specialist Interest Areas in acute inpatient pain or pain medicine are not  
320 feasible within an individual hospital, it should be available within the region.<sup>49</sup>

321 4.6 Inpatient pain nurse specialists providing education on the wards should have dedicated  
322 time for this role distinct from direct clinical duties.

323 4.7 Training should include consideration of the use of simulation where feasible. For example,  
324 role play with the pain team simulating a patient with a failed epidural.

325 4.8 Simulation training should improve exposure to regional anaesthesia/ analgesia techniques.<sup>50</sup>

326 4.9 Members of the IPS should engage in outpatient (chronic) pain CPD.

### 327 5 Clinical governance, quality improvement and research

328 5.1 The IPS should be an active part of their organisations Quality and Safety structure including:

- 329
  - incident reporting and investigations

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- 330
- maintaining a risk register
- 331
- compliance with their organisation's patient safety and patient experience audits
- 332
- compliance with mandatory training and appraisal
- 333
- awareness of and benchmarking against national Quality and Safety standards and
- 334
- guidance
- 335
- projects focused on continuous quality improvement.
- 336
- 5.2 The IPS should have protected time for audit and research activities.<sup>51</sup>
- 337
- 5.3 The IPS should consider facilitating anaesthetists in training to participate in inpatient pain
- 338
- audits and research as part of their training.<sup>51</sup>
- 339
- 5.4 The IPS should maintain a prospective database of activity and outcome data and this
- 340
- should be used for quality improvement and early recognition of potential harm.<sup>7,52,53</sup>
- 341
- 5.5 The IPS should actively engage in benchmarking against national standards e.g., GPAS,
- 342
- CSPMSUK, ACSA, Raising the Standards: RCoA Quality Improvement Compendium.<sup>51,54,55,56,57</sup>
- 343
- 5.6 Electronic patient records and NHS business intelligence should be considered to improve
- 344
- data collection.
- 345
- 5.7 Where possible, the IPS should encourage engagement in research in pain medicine,
- 346
- including recruitment into well designed national and international multicentre studies.<sup>58</sup> The
- 347
- IPS should be encouraged to be research-aware.<sup>59</sup>
- 348
- ## 6 Organisation and administration
- 349
- 6.1 Clear lines of communication and close working with other services such as surgical and
- 350
- medical colleagues, outpatient (chronic) pain, palliative care, emergency medicine and
- 351
- primary care should be in place.
- 352
- 6.2 Advice for the management of step-down analgesia should be provided for primary care
- 353
- doctors, where required.
- 354
- 6.3 There should be regular audits of standards of care, guidelines and protocols, and critical
- 355
- incident reporting within locally agreed timeframes to ensure the continued development
- 356
- and improvement of inpatient pain services.<sup>60,61</sup>
- 357
- 6.4 There should be mechanisms to disseminate national safety alerts from groups such as the
- 358
- Safe Anaesthesia Liaison Group (SALG).<sup>62</sup>
- 359
- ### Guidelines
- 360
- 6.5 Analgesic guidelines, including those for specific analgesic techniques, should be widely
- 361
- disseminated and easily accessible.<sup>7,63,64,65</sup>
- 362
- 6.6 All guidelines should have a clearly documented author and review date and be published
- 363
- in line with local clinical governance policies with appropriate oversight.
- 364
- 6.7 Guidelines for the management of specific patient groups (as listed in recommendation 3.6)
- 365
- should be available.
- 366
- 6.8 Guidelines for the management of side effects and complications including inadequate
- 367
- analgesia should be available.

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368 6.9 Where good evidence exists, consideration should be given to procedure specific analgesic  
369 techniques.

370 6.10 Where possible, guidelines should be shared locally, between hospitals and nationally.

### 371 **Assessment and record keeping**

372 6.11 Pain, its management and side effects (including sedation and opioid induced ventilatory  
373 impairment) should be regularly recorded in the patient notes and/or observation chart using  
374 validated tools for each clinical setting. Consistent tools should be used throughout the  
375 patient pathway.<sup>66</sup>

376 6.12 The use of functional assessment and goals should be considered to complement pain  
377 scoring in assessing analgesic requirement and recovery progress.<sup>67</sup>

## 378 **7 Patient Information**

379 The Royal College of Anaesthetists has developed a range of [Trusted Information Creator](#)  
380 [Kitemark](#) accredited patient information resources that can be accessed from our [website](#). Our  
381 main leaflets are now translated into more than 20 languages, including Welsh.

382 Recommendations for the provision of patient information and obtaining consent are  
383 comprehensively described in [Chapter 2: Guidelines for the Provision of Anaesthesia Services for](#)  
384 [the Perioperative Care of Elective and Urgent Care Patients](#). Specific recommendations for  
385 inpatient pain services are listed below.

386 All patients (and relatives where relevant) should be fully informed and provided with adequate  
387 time and support to understand the information they are provided with so that they can be active  
388 participants in decisions concerning their care. Patient information resources, including leaflets,  
389 online resources and videos can help facilitate shared decision making discussions and form part of  
390 the informed consent process.<sup>68</sup>

391 7.1 Patient information should be available in a range of formats that take into account the  
392 information needs of patients with additional complexities as listed in recommendation 3.17  
393 and they should be accessible electronically.

394 7.2 Patient information leaflets should be made available to provide information on analgesia in  
395 general, and on specialised analgesic techniques such as epidural analgesia, nerve blocks,  
396 specialist drug infusions and patient controlled analgesia.<sup>69</sup>

397 7.3 Leaflets should explain pain management after discharge, including a step-down analgesic  
398 plan and how further supplies of medicine can be obtained. Patient information should  
399 emphasise the need to avoid harm from long term opioid use and give clear advice on the  
400 impact of analgesics on driving, acknowledging the current DVLA guidance.<sup>70,71,72,73,74</sup>

401 7.4 Patients should be supported with appropriate information so that they can provide informed  
402 consent for invasive analgesic procedures, and this must be documented following the GMC  
403 advice on informed consent.<sup>68,75</sup> Details should be explained to the patient in an appropriate  
404 setting and in language they can understand.

405 7.5 Patient education regarding expectation of pain and analgesia after surgery should be given  
406 to all patients in the preoperative period.<sup>72</sup>

### 407 **Implementation support**

408 The Anaesthesia Clinical Services Accreditation (ACSA) scheme, run by the RCoA, provides a set of  
409 standards based on the recommendations contained in the GPAS chapters. As part of the scheme,

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410 departments of anaesthesia self-assess against the standards and undertake quality improvement  
411 projects to close the gap. Support is provided by the RCoA in the form of the good practice library,  
412 which shares documents and ideas from other departments on how to meet the standards. Further  
413 advice can be obtained from the ACSA team and department's assigned College guide.

414 The ACSA standards are regularly reviewed on at least a three yearly basis to ensure that they  
415 reflect current GPAS recommendations and good practice. This feedback process works both ways  
416 and the ACSA scheme regularly provides CDGs with comments on the GPAS recommendations,  
417 based on departments' experience of implementing the recommendations.

418 Further information about the ACSA scheme can be found here: [www.rcoa.ac.uk/safety-standards-quality/anaesthesia-clinical-services-accreditation](http://www.rcoa.ac.uk/safety-standards-quality/anaesthesia-clinical-services-accreditation)  
419

### 420 Areas for future development

421 Following the systematic review of the evidence, the following areas of research are suggested:

- 422 • transitional pain management<sup>76</sup>
- 423 • perioperative pain management
- 424 • psychology and inpatient pain<sup>77,78</sup>
- 425 • establishment of a national database (organisational and patient level data)
- 426 • opioid stewardship and persistent postoperative opioid use
- 427 • chronic post surgical pain
- 428 • pre-emptive and preventive analgesic strategies.

### 429 Abbreviations

ACSA	Anaesthesia Clinical Services Accreditation
CDG	Chapter Development Group
CPD	Continuing Professional Development
CSPMSUK	Core Standards for Pain Management Services in the UK
DVLA	Driver and Vehicle Licensing Agency
ERAS	Enhanced recovery after surgery
FPM	Faculty of Pain Management
GMC	General Medical Council
GPAS	Guidelines for the Provision of Anaesthetic Services
IPS	Inpatient pain service
NICE	National Institute for Health and Care Excellence
PCEA	Patient controlled epidural infusion
PPSP	Persistent post surgical pain
RCoA	Royal College of Anaesthetists
SALG	Safe Anaesthesia Liason Group

### 430 Glossary

431 **Autonomously practising anaesthetist** – a consultant or a staff grade, associate specialist or  
432 specialty (SAS) doctor who can function autonomously to a level of defined competencies, as  
433 agreed within local clinical governance frameworks.

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