

THE ROYAL COLLEGE OF ANAESTHETISTS CPD MATRIX

Matrix of topics for Continuing Professional Development for Anaesthetists (November 2010)

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The Royal College of Anaesthetists



Revalidation FOR ANAESTHETISTS

LEVEL 1

Level 1 CPD covers the core knowledge areas expected of all those who have trained as anaesthetists. The CPD evidence for this level will be largely 'internal' and may be obtained from reviews/reflection of personal clinical practice utilising records of clinical activity, e-learning material, reading and local hospital departmental meetings. Every item included in this level of the matrix must be completed in each Revalidation cycle (there are 30 in total, which equates to six per year, although some may be included in local 'mandatory requirements' more frequently).

| 1 | A | B | C | D | E | F | G | H | I |
|----|--|--|-----------------------------------|------------------------------------|--|---|---|--|---|
| | Scientific Principles* | Emergency Management and Resuscitation | Airway Management | Pain Medicine | Patient Safety | Legal Aspects of Practice | IT Skills | Education and Training | Healthcare Management |
| 01 | Physiology and biochemistry (1A01) | Anaphylaxis (1B01) | Airway assessment (1C01) | Assessment of acute pain (1D01) | Infection control (1E01) | Consent (1F01) | Use of patient record systems (1G01) | Roles and responsibilities of clinical supervisors (1H01) | Critical incident reporting (1I01) |
| 02 | Pharmacology and therapeutics (1A02) | Can't intubate, can't ventilate (1B02) | Basic airway management (1C02) | Management of acute pain (1D02) | Level 2 child protection training† (1E02) | Mental capacity and deprivation of liberty safeguards (1F02) | Basic search methodology (1G02) | Personal education and learning (1H02) | Team leadership and resource management (1I02) |
| 03 | Physics and clinical measurement (1A03) | Basic life support (all age groups and special situations) (1B03) | | | Protection of vulnerable adults (1E03) | Data protection (1F03) | | | Human factors in anaesthetic practice (1I03) |
| 04 | | Advanced life support (relevant to practice) (1B04) | | | Blood product checking protocols (to comply with local requirements) (1E04) | Equality and diversity (1F04) | | | Understanding of complaints process (1I04) |
| 05 | | | | | Venous thromboembolism prophylaxis (1E05) | Ethics (1F05) | | | Quality improvement (1I05) |

*At least one lecture/e-Learning session/CEACCP article to be completed relevant to your clinical practice for each of the three aspects of Scientific principles detailed in one revalidation cycle.

†[Level 3 Core Competencies for designated lead anaesthetists in Child Protection/Safeguarding.](#)

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LEVEL 2

Level 2 CPD topics should reflect the whole of the individual's clinical practice including on-call responsibilities in non-specialist centres. The CPD evidence for this level may be provided, in part, by updates from local experts but it will also include the need for more 'external' CPD activity through attendance at courses and meetings.

| 2 | A | B | C | D | E | F | G | H |
|----|---|--|---|---|---|--|--|---|
| | General | Obstetrics | ICM | Paediatrics | Pain Medicine | Neuro | Regional Anaesthesia | Education and Training |
| 01 | Advanced airway management (2A01) | Analgesia for labour (2B01) | Assessment of the critically ill patient (2C01) | Assessment and initial management of the critically ill child (2D01) | Advanced management of perioperative pain (2E01) | Initial management of brain injury (traumatic or spontaneous intracranial haemorrhage) (2F01) | Indications, benefits and risks of RA (2G01) | Work-place based assessment (2H01) |
| 02 | Principles of assessment and management of major trauma (including burns) (2A02) | General anaesthesia for elective and emergency LSCS (2B02) | Initiation and management of ventilatory support (2C02) | Perioperative care of children (2D02) | Management of acute non-surgical pain (2E02) | Initial management of spinal injured patients (2F02) | Principles of performing local, regional and neuraxial techniques (2G02) | Educational supervisor training (2H02) |
| 03 | Preoperative assessment and preparation for surgery (2A03) | Regional anaesthesia for elective and emergency LSCS (2B03) | Diagnosis and management of shock, infection and sepsis (2C03) | Vascular access techniques (2D03) | Basic assessment and management of chronic pain (2E03) | Management of patients with neuro trauma for imaging (2F03) | Use of nerve/plexus location techniques (2G03) | |
| 04 | Advanced patient monitoring techniques (2A04) | Regional anaesthesia complications in the pregnant patient (2B04) | Support of threatened and failing organ systems (2C04) | Fluid management for children (2D04) | | | Recognition and management of side effects and complications of regional anaesthesia (2G04) | |
| 05 | Fluid management and blood product usage (2A05) | Management of obstetric emergencies (2B05) | Sedation techniques for ICU patients (2C05) | Analgesia for children (2D05) | | | | |
| 06 | Perioperative emergencies (2A06) | Assessment of the critically ill parturient (2B06) | End of life issues and organ donation (2C06) | Sedation techniques for children (2D06) | | | | |
| 07 | Perioperative management for surgical specialties not listed elsewhere (2A07) | Principles of newborn resuscitation (2B07) | Management of the ICU (2C07) | Team working between DGHs and PIC retrieval teams (2D07) | | | | |
| 08 | Anaesthetic management for non-operative procedures (2A08) | | | | | | | |
| 09 | Anaesthesia for non-obstetric procedures in the pregnant patient (2A09) | | | | | | | |
| 10 | Sedation techniques for adults (2A10) | | | | | | | |
| 11 | Patient transfer skills (2A11) | | | | | | | |
| 12 | Developments in allied clinical specialties (relevant to practice) (2A12) | | | | | | | |

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LEVEL 3 ■

| 3 | A | B |
|----|--|---|
| | Miscellaneous (as identified in 'General Duties') | Web link* |
| 01 | Airway management (3A01) | |
| 02 | ENT, maxillo-facial and dental surgery (3A02) | |
| 03 | General, urological and gynaecological surgery (3A03) | |
| 04 | Hepatobiliary surgery (3A04) | |
| 05 | Vascular surgery (3A05) | http://www.vasgbi.com/CPD.php |
| 06 | Day surgery (3A06) | |
| 07 | Sedation practice (3A07) | |
| 08 | Orthopaedic surgery (3A08) | |
| 09 | Regional anaesthesia (3A09) | |
| 10 | Trauma management (including pre-hospital care) (3A10) | |
| 11 | Transfer medicine (3A11) | |
| 12 | Obstetrics (3B00) | http://www.oaa-anaes.ac.uk/content.asp?ContentID=328 |
| 13 | Adult ICM (3C00) | |
| 14 | Paediatrics and paediatric ICM (3D00) | http://www.apagbi.org.uk/professionals/education-and-training |
| 15 | Pain medicine (3E00) | http://www.rcoa.ac.uk/index.asp?PageID=1700 |
| 16 | Neuro (including neuro critical care) (3F00) | http://www.nasgbi.org.uk/CPD_Neuro.aspx |
| 17 | Cardiothoracic (3G00) | http://www.acta.org.uk/ACTAS3CurrentTraining.asp |
| 18 | Plastic/burns (3H00) | |
| 19 | Other clinical (3I00) | |
| 20 | Ophthalmic | http://www.boas.org/cpd.html |
| 21 | Bariatric | |
| 22 | Other non-clinical (3J00) | |
| 23 | IT skills | http://www.scata.org.uk/mediawiki/images/8/8c/CPD_L3list_SCATAFeb2011.pdf |
| 24 | Education and training | http://www.seauk.org/?q=node/57 |
| 25 | Research | |

Level 3 CPD covers the knowledge and skills required by those whose routine clinical practice includes one or more 'special interest' areas. CPD in these areas should include evidence of participation in 'state of the art' meetings and external CPD activity. A list of the special interest areas (as identified in the [Advanced Level Training Curriculum for the CCT in Anaesthetics](#)) is provided; clinicians should select appropriate topics and plan level 3 CPD in their personal development plan agreed at appraisal. Please refer to the relevant Faculty/specialist societies' websites for suggested Level 3 CPD topics.

Other special interest areas (clinical e.g. bariatric surgery and non-clinical e.g. healthcare management) for level 3 CPD may be agreed by the appraisee with his/her appraiser/RO. These should be coded as 3I00 (other clinical) or 3J00 (other non-clinical) as appropriate.

*Where there is no web link shown there are currently no specific recommendations for level 3 CPD in this special interest area. You may like to refer to the advanced level CCT anaesthetic curriculum which may provide some ideas of the scope of practice that you may wish to consider in planning CPD in these areas of practice.