

DEATHS IN ACUTE HOSPITALS STUDY

National Confidential Enquiry into Patient Outcome and Death (NCEPOD)

ANAESTHETIC QUESTIONNAIRE

| CONFIDENTIAL | |
|--------------------------------|--|
| Hospital number of patient: | |
| Name of NCEPOD Local Reporter: | |

What is this study about?

NCEPOD is examining remediable factors in the process of care for patients who died in an acute hospital.

Who should complete this questionnaire?

This questionnaire should be completed by the anaesthetist responsible for the patient at the time of surgery.

To ensure confidentiality of the data, completed questionnaires must be returned directly to NCEPOD.

You must not copy any part of this form.

Please use the SAE provided.

Specific inclusions:

 All patients that died within 96 hours (4 days) of admission.

Specific exclusions:

Neonates (28 days since birth).

Questions or help

If you have any queries about the study or this questionnaire, please contact NCEPOD at:

hospitaldeaths@ncepod.org.uk

0207 631 3444

Thank you for taking the time to complete this questionnaire. The findings of the full study will be published in late 2009.

How to complete this questionnaire

Information will be collected using two methods: Box cross and free text, where your clinical opinion will be requested.

This form will be electronically scanned. Please use a black or blue pen. Please complete all questions with either block capitals or a bold cross inside the boxes provided e.g.

Does this hospital admit patients as:

If you make a mistake, please "black-out" the incorrect box and re-enter the correct information, e.g.

Inpatients Z Outpatients

Unless indicated, please mark only one box per question.

CPD Accreditation for completing NCEPOD questionnaires.

Consultants who complete NCEPOD questionnaires make a valuable contribution to the investigation of patient care. Completion of questionnaires also provides an opportunity for consultants to review their clinical management and undertake a period of personal reflection. These activities have a continuing medical and professional development value for individual consultants. Consequently, NCEPOD recommends that consultants who complete NCEPOD questionnaires, keep a record of this activity which can be included as evidence of internal/ self directed Continuous Professional Development in their appraisal portfolio.

FOR NCEPOD USE ONLY

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5 0 3 1 7 1 7 0 3 6 2 8

| DEFINITIONS | | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| Medical Assessment Unit (MAU, SAU, etc) | An area where emergency patients are assessed and initial management undertaken by inpatient hosptial teams. The patient is only in this area while early assessment is made and is then moved to another ward or discharged. The working of these units varies; some are purely for medical or surgical cases (MAU, SAU etc.) while some function across various specialties (CCU, AAU) | | | |
| Recovery Area | An area to which patients are admitted following an operation or procedure, and where they remain until consciousness is regained, respiration and circulation are stable and postoperative analgesia is established. | | | |
| Level of Care (Critical Care is Level 2 and Level 3) | Critical care includes Level 2 and Level 3 patients: Level 0: Patients at risk of their condition deteriorating, or those recently relocated from higher levels of care whose needs can be met on an acute ward with additional advice and support from the critical care team. Level 1: Patients at risk of their condition deteriorating, or those recently relocated from higher levels of care whose needs can be met on an acute ward with additional advice and support from the critical care team. Level 2: (e.g. HDU) Patients requiring more detailed observation or intervention including support for a single failing organ system or postoperative care, and those stepping down from higher levels of care. Level 3: (e.g. ICU) Patients requiring advanced respiratory support alone or basic respiratory support together with support of at least two organs. This level includes all complex patients requiring support for multi-organs failure. | | | |
| Initital Assessment (excluding triage) | The patient's first assessment by a healthcare member of staff (medical or nursing) to identify healthcare needs. | | | |
| Appropriate | The expected health benefit's to an average patient exceed the expected health risks by a sufficiently wide margin to make the intervention worthwhile and that intervention is superior to alternatives (including no intervention). | | | |
| Clinical Adverse events An unintended injury caused by medical management rather than by the process and which is sufficiently serious to lead to prolongation of hosp or to temporary or permanemt impairment or disability to the patient at discharge. | | | | |
| Other Adverse Events | e.g. Fall off a trolley. | | | |
| Critical Incidents | Any incident or event which has caused or could have caused an adverse outcome for the patient. | | | |



| If you were not involved in any way with this behalf of someone else, please indicate you | s anaesthetic and have filled out this questionnaire on ur position: |
|-------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| ☐ Chair of division | |
| ☐ College tutor | |
| ☐ Duty consultant | |
| ☐ Other consultant | |
| Other (please specify) | |
| A. PATIENT DETAILS | |
| 1. Age at time of death: | years months (if less than 1 year old) |
| 2. Gender: | ☐ Male ☐ Female |
| 3. a What was the date of admission? | d d m m y y |
| b What was the time of admission? (please use 24-hr clock) | h h m m |
| B. CASE SUMMARY | |
| if this is easier for you. | mmary of this case. You may also type on a separate sheet s summary. Please give as much information about the |
| | |
| | |

| Please indic | ate the patient's | ASA status imm | nediatley prior to | o the first operation | of this admission |
|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ☐ ASA 1 a normal healthy patient | | | | | |
| ☐ ASA 2 | a patient with m | ild systemic dise | ase | | |
| ASA 3 | a patient with se | evere systemic d | isease that limi | ts activity but is no | t incapacitating |
| ☐ ASA 4 | a patient with in | capacitating syst | emic disease t | hat is a consant th | reat to life |
| ☐ ASA 5 a moribund patient not expected to survive for 24 hours with or without an operation | | | | | |
| ☐ Unknown | | | | | |
| a. Please indicate which comorbidities the patient had at the time of the first operation? | | | | | ration? |
| ☐ Insulin d | ependent diabe | tes | | | |
| Renal di | sease | | | | |
| ☐ Hyperter | nsion | | | | |
| Cardiac | disease | | | | |
| Respirat | ory disease | | | | |
| Other (please specify) | | | | | |
| • | | dequately | ☐ Yes | ☐ No | |
| . If no please expand on your answer: | | | | | |
| | expand on your | answer. | | | |
| | expand on your | answer. | | | |
| | expand on your | answer. | | | |
| Was a recor available? | d of the patient's | | ☐ Yes | □ No | |
| available? | | s weight | ☐ Yes | _ | |
| available? f Yes what v | d of the patient's | s weight | _ | 9 | |
| available? f Yes what v f No what w Vas a recor | d of the patient's | s weight | k | 9 | |
| available? f Yes what what what a recorplood pressures. Was it neces | d of the patient's was this weight? was the estimate d of the patient's | s weight d weight? s preoperative de operation to | kı | 9 | |
| f Yes what we was a recorplood pressurable was it necessary the | d of the patient's was this weight? was the estimate d of the patient's ure available? ssary to delay th patient's medica | s weight d weight? s preoperative se operation to al state? | — kç | No No Ory | |
| | ASA 1 ASA 2 ASA 3 ASA 4 ASA 5 Unknow Please indic Insulin d Renal did Hyperter Cardiac Respirat Other (p | ASA 1 a normal health ASA 2 a patient with m ASA 3 a patient with se ASA 4 a patient with in ASA 5 a moribund pati Unknown Please indicate which como Insulin dependent diaber Renal disease Hypertension Cardiac disease Respiratory disease Other (please specify) In your opinion were these a managed prior to surgery? | ASA 1 a normal healthy patient ASA 2 a patient with mild systemic dise ASA 3 a patient with severe systemic d ASA 4 a patient with incapacitating syst ASA 5 a moribund patient not expected Unknown Please indicate which comorbidities the patie Insulin dependent diabetes Renal disease Hypertension Cardiac disease Respiratory disease Other (please specify) n your opinion were these adequately nanaged prior to surgery? | ASA 1 a normal healthy patient ASA 2 a patient with mild systemic disease ASA 3 a patient with severe systemic disease that limity ASA 4 a patient with incapacitating systemic disease ty ASA 5 a moribund patient not expected to survive for 20 Unknown Please indicate which comorbidities the patient had at the tip Insulin dependent diabetes Renal disease Hypertension Cardiac disease Respiratory disease Other (please specify) In your opinion were these adequately nanaged prior to surgery? | ASA 2 a patient with mild systemic disease ASA 3 a patient with severe systemic disease that limits activity but is no ASA 4 a patient with incapacitating systemic disease that is a consant the ASA 5 a moribund patient not expected to survive for 24 hours with or with the last of the first open an activity but is no ASA 5 a moribund patient not expected to survive for 24 hours with or with the last of the first open an activity but is no ASA 5 a moribund patient not expected to survive for 24 hours with or with the last of the first open an activity but is no ASA 5 a moribund patient not expected to survive for 24 hours with or with or with the last of the |



| 10. a. In your opinion was the patient adequately prepared for the procedure? | ☐ Yes ☐ No |
|------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| b. If No, please expand upon your answer: | |
| D. PREOPERATIVE DRUG TREATMEN | IT |
| 11. a. Were therapeutic drug treatments started to optimise the patient before this operation (excluding premedication)? | ☐ Yes ☐ No |
| b. If Yes, please specify: | |
| Were prophylactic antibiotics administered to cover the surgical procedure pre-operatively, on induction, or during the operation? | ☐ Yes ☐ No |
| 13. a. Were DVT prophylaxis measures taken? | ☐ Yes ☐ No |
| b. If Yes, please indicate which measures? | ☐ Heparin/unfractionated heparin |
| | ☐ TED stockings |
| | ☐ Other |
| | (please specify) |
| E. PREOPERATIVE FLUID MANAGEM | ENT |
| Please send photocopies of fluid balance charts | for the duration of the admission |
| 14. a. During the 24 hours before surgery did the patient have problems with fluid balance? | ☐ Yes ☐ No |
| b. If Yes was this: | □ Dehydration□ Hypovolaemia□ Fluid overload□ Other |
| C. What methods were used to correct the fluid inbalance? (answers may be multiple) | □ Oral fluid administration □ IV fluid administration □ CVP monitoring □ Diuretics □ Other □ None |
| | |

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9 5 9 3 1 7 1 7 5 4 6 9 4

| 15. | - | ation, did the patient enter ically for resuscitation? | ☐ Yes ☐ No | | |
|--------|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| | · | • | ☐ Not applicable, patient already in HDU/ICU | | |
| F. T | HE OPERAT | ION | | | |
| | Please send photocopies of the pre-operative assessment record, anaesthetic record, and recovery oom record | | | | |
| 16. a. | | date of the patient's first g their final episode? | d d m m y y | | |
| b. | What time did to | the operation start? -hr clock) | h h m m | | |
| 17. | Please classify t | he operation using the following | | | |
| | ☐ Immediate: | Immediate limb or life-saving treatment | surgery. Resuscitation, simultaneous with surgical | | |
| | ☐ Urgent: | | of conditions that threaten life, limb or organ survival; distressing symptoms including acute surgical operation | | |
| | ☐ Expedited: | Stable patient requiring early threat to life, limb or organ su | intervention for a condition that is not an immediate irvival | | |
| | ☐ Elective: | Surgical procedure planned o | or booked in advance of routine admission to hospital | | |
| 18. a. | Was consent for an anaesthetist? | the anaesthetic obtained by | ☐ Yes ☐ No ☐ Unknown | | |
| b. | If Yes, how was | the consent recorded? | □ Documented on the anaesthetic chart □ Documented in the patient's notes □ Documented in the patient's consent form □ Not documented □ Unable to obtain consent, please indicate why | | |
| | | | | | |
| | | | ☐ Other | | |
| 19. a. | environment or | ciencies in any aspect of the facilities where the procedure (e.g equipment or personnel) | (please specify) ☐ Yes ☐ No ? | | |
| b. | If Yes, please sp | pecify | | | |
| | | | | | |
| 20. | What surgical pr | rocedure(s) were performed du | uring the patient's first operation in their final episode? | | |
| | , . | | · · · · · · · · · · · · · · · · · · · | | |
| | | | | | |
| | <u> </u> | | | | |



| G. | . T | HE ANAESTHETIST | | | |
|-----|-----|--------------------------------------------------------------------------------------------------------------|-------------|------------|------------------------------|
| 21. | | Were you or the anaesthetist who gave the anaesthetic for this patient involved in the decision to operate? | | Yes | □ No |
| | b. | Do you believe the decision to operate was appropriate? | | Yes | ☐ No ☐ Unable to answer |
| | | If No, please explain why: | | | |
| 22. | a. | Did you or another anaesthetist make a preoperative asssessment of the patient before their first operation? | | Yes | □ No |
| | | If No, please explain why not: | | | |
| | b. | If Yes, where did the assessment take place? | | Ward | |
| | | | | • | ent department |
| | | | | • | ncy department |
| | | | | ICU/HDI | |
| | | | Ш | Other | (4) |
| | | | | | (please specify) |
| | C. | If Yes, when was the patient reviewed? | | On the o | day of surgery |
| | | | | The day | prior to surgery |
| | | | | Pre-ass | essment clinic |
| | | | | Other | |
| | | | | | (please specify) |
| | d. | If Yes, was this anaesthetist present at the start of the operation? | | Yes | ☐ No |
| 23. | | What grade was the most senior anaesthetist in | n the | atre at th | ne start of the anaesthetic? |
| | | ☐ Consultant | | | |
| | | ☐ Specialist Registrar (SpR) with CCT | | | |
| | | ☐ Specialist Registrar (SpR) without CCT Ye | ar | | |
| | | ■ Non Consultant Career Grade (NCCG) | | | |
| | | ☐ Locum Appointment Training (Please state grade | e) | | |
| | | ☐ Locum Appointment Service (Please state grade | ;) <u> </u> | | |
| | | ■ Nurse Practitioner | | | |
| | | ☐ F2 or SHO | | | |
| | | ☐ F1 or HO | | | |
| | | ☐ Other | | | |



| 24. a | . We | ere other anaesthetists present in theatre? | ☐ Yes ☐ No | |
|-------|--------|-------------------------------------------------------------------------------------------------|----------------------------------------------|-----|
| b | . Wh | at grade was the most senior anaesthetist ir | theatre at the start of the anaesthetic? | |
| | | Consultant | | |
| | | Specialist Registrar (SpR) with CCT | | |
| | | Specialist Registrar (SpR) without CCT Year | ar 🔲 | |
| | | Non Consultant Career Grade (NCCG) | | |
| | | Locum Appointment Training (Please state grade) | | |
| | | Locum Appointment Service (Please state grade, | | |
| | | F2 or SHO | | |
| | | F1 or HO | | |
| | | Other | | |
| 25. a | | ich higher diplomas in anaesthesia were | ☐ No qualifiaction | |
| | | d, by the most senior anaesthetist, at the e of the operation? | ☐ FRCA qualification | |
| | | · | ☐ Post FRCA qualification | |
| b | | | e anaesthetic was NOT a consultant, where wa | S |
| | cor | nsultant help available? | | |
| | | Came to theatre before the end of the proce | edure | |
| | | In operating suite but not directly involved | | |
| | Ш | In the hospital but was not present in the op | perating suite | |
| | | By telephone | | |
| | | Not available | | |
| | | Other (Please state) | | |
| 26. a | ana | as advice sought at any time, from another aesthetist who was not present during the aesthetic? | ☐ Yes ☐ No | |
| b | . If Y | es from which grade of anaesthetist was ad | vice sought? | |
| | | Consultant | | |
| | | Specialist Registrar (SpR) with CCT | | |
| | | Specialist Registrar (SpR) without CCT Year | ar 🔲 | |
| | | Non Consultant Career Grade (NCCG) | | |
| | | Locum Appointment Training (Please state grade, | | |
| | | Locum Appointment Service (Please state grade, | | |
| | | Nurse Practitioner | | |
| | | F2 or SHO | | |
| | | F1 or HO | | |
| | | Other | | |
| | | | | H H |



| 27. | When was this advice sought? | ☐ Before the anaesthetic☐ During the anaesthetic |
|-------|---------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| | | ☐ After the anaesthetic |
| H. 1 | THE ANAESTHETIC CHART | |
| 28. | Is there an anaesthetic record for this operation in the patient's notes? | ☐ Yes ☐ No |
| I. F | LUID MANAGEMENT DURING THE C | PERATION |
| 29. | Did the patient receive IV fluids during the operation? | ☐ Yes ☐ No |
| | | nl nl v) |
| | Blood product Number of units: | Total volume (ml) |
| | Red cells | |
| | Platelets | |
| | Fresh frozen plasma | |
| | Other | Please specify |
| 30. a | Was there any difficulty obtaining blood/blood products? | ☐ Yes ☐ No |
| b | • If Yes please specify: | |
| | | |
| 31. | What was the estimated blood volume of the patient? | ml ml |
| 32. | What was the estimated blood loss during the operation? | ml ml |



| | IONITORING | | |
|--------|--------------------------------------------------------------------------------------------------|------|---------------------------------|
| J. IV | IONITORING | | |
| 33. | What parameters were monitored during anaesth the anaesthetic room and the theatre/investigation | | |
| | Anaesthetic room | | Theatre/investigation room |
| |] ECG | | ECG |
| | Pulse oximeter | | Pulse oximeter |
| | Indirect BP | | Indirect BP |
| | Direct BP | | Direct BP |
| | Expired Carbon Dioxide analyser | | Expired Carbon Dioxide analyser |
| | Oxygen analyser | | Oxygen analyser |
| | Anaesthetic vapour | | Anaesthetic vapour |
| | Airway pressure | | Airway pressure |
| | Ventilation volume | | Ventilation volume |
| | Ventilation disconnect | | Ventilation disconnect |
| | Neuromuscular blockade | | Neuromuscular blockade |
| | Temperature (state site) | | Temperature (state site) |
| | Urine output | | Urine output |
| | CVP | | CVP |
| | Pulmonary arterial pressure | | Pulmonary arterial pressure |
| | Cardiac output | | Cardiac output |
| | Other (please specify) | | Other (please specify) |
| | | | |
| 34. a. | Did anything hinder full monitoring? | ☐ Ye | s 🔲 No |
| b | . If Yes please specify: | | _ |
| | | | |
| | | | |
| 35. a. | Was there lack of monitoring equipment? | ☐ Ye | s 🔲 No |
| b | . If Yes please specify: | | |
| | | | |



| 26 | _ | Were there any equipment malfunctions? | |
|----|------|--------------------------------------------------|-----------------------------------------------|
| 30 | | If Yes please specify: | ☐ Yes ☐ No |
| | D. | respicase specify. | |
| | | | |
| 37 | | What measures were taken to maintain body | ☐ None |
| | | temperature? | ☐ IV fluid warmer |
| | | | ☐ Warm air system |
| | | | ☐ Heated blanket under the patient |
| | | | ☐ Blankets/foil wraps |
| | | | Overhead heater |
| | | | ☐ Other (please specify) |
| | | | |
| V | | VDE OE ANAESTHESIA | |
| n | . I | YPE OF ANAESTHESIA | |
| 38 | | What type of anaesthesia was used? (please n | mark one box only) |
| | | | |
| | | ☐ General alone | ☐ Sedation and local infiltration |
| | | ☐ General and regional | ☐ Sedation alone |
| | | ☐ Regional alone | ☐ Local infiltration alone |
| | | Regional and sedation | Other (please specify) |
| | | ☐ General and local infiltration | |
| | | | |
| | | | |
| 39 | - | If a general anaesthetic was given, what method | od was used to maintain the patient's airway? |
| | | ☐ Face mask (please specify) | ☐ Oral tracheal tube |
| | | | |
| | | ☐ Laryngeal mask airway | ☐ Nasal tracheal tube |
| | | ☐ Other supraglottic device (please specify) | ☐ Other (please specify) |
| | | | |
| 40 | | Pre-operatively was this patient predicted to | |
| 40 | • | have a difficult airway to manage? | ☐ Yes ☐ No |
| 41 | . a. | Were there any problems with airway maintenance? | ☐ Yes ☐ No |
| | b. | If Yes please specify: | |
| | | ii i co piodos opcony. | |
| | | | |
| | | | |



| 42. | If the patient was intubated, what method was i | used? |
|-----|--------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | ☐ Direct laryngoscopy | ☐ Intubation via a laryngeal mask airway |
| | Fibreoptic intubation: | Intubation via another supraglottic device (please specify) |
| | ☐ Awake ☐ Asleep | ☐ Other (please specify) |
| 43. | Was rapid sequence induction used? | ☐ Yes ☐ No |
| 44. | If the anaesthesia included a regional technique, which method was used? | □ Epidural - thoracic □ Epidural - lumbar □ Epidural - caudal □ Spinal (subarachnoid) □ Combined spinal/epidural □ Intrapleural □ Intravenous regional □ Regional nerve block (please specify) □ Other (please specify) |
| 45. | If an epidural blockade was used; when was it used? | During the operation and for postoperative pain relief Only during the operation Only for postoperative pain relief |
| 46. | Which agent(s) was used? | □ Local alone□ Opioid alone□ Local and opioid□ Other (please specify) |
| 47. | Please specify the drug(s), concentration and v | volume used during the operation? |
| | Drug Concentration/dose | Volume (ml) |
| | 12 | 2 of 15 0 5 9 3 1 7 1 7 5 7 2 7 4 |

| 48. | . a. If a spinal anaesthesia was used which | | | ☐ Local alone ☐ Opioid alone | | | | |
|--------|---------------------------------------------|-------------------------------------------------------|----------------------------------------------------------|------------------------------|-------------|------------------|--|---------------|
| | | agent(s) was used? | | | | | | |
| | | | | | ocal and op | · | | |
| | | | | | ther (pleas | e specify) | | |
| | b. | Please specify the drug(s) | , concentration and v | olume | used during | g the operation? | | |
| | | Drug | Concentration/dose | | Volume | (ml) | | |
| | | | | | | | | |
| | | | | 7 | | | | |
| ı I | | | | _ _ | | | | |
| | | | | _ | | | | |
| | | | |] | | | | |
| | | | | 7 | | \Box | | |
| | | | | _ | | | | |
| 49. | а. | Was a vasoconstrictor(s)/i used during the operation | inotrope(s) ? | □ Y | es | ☐ No | | |
| | b. | If Yes, which: | ☐ Ephedrine | | | | | |
| | | | Methoxamine | | | | | |
| | | | ☐ Metaraminol | | | | | |
| | | | ☐ Phenylephrine | | | | | |
| | | | ☐ Adrenaline☐ Other (please s | necify) | | | | |
| | | | Other (picase s | pcciiy) | | | | |
| 50. | а. | Were there any problems hypotension? | managing | □ Y | es | □ No | | |
| | | If Yes, please specify | | | | | | |
| | | | | | | | | $\overline{}$ |
| | | | | | | | | |
| | | | | | | | | |
| L. | P | OSTOPERATIVE CA | ARE | | | | | |
| | | In your opinion was the | stient receivered | | | | | |
| 51. | а. | In your opinion was the pain an appropriate location? | nieni recovered ? | □ Y | es | ☐ No | | |
| | b. | If No, please specify | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

| 52. a | Vere you unable at any time to transfer | | | | | |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------|--------------------|------------------|--|
| b | b. If Yes, please specify: | | | | | |
| | | | | | | |
| 53. a | a. Was controlled ventilation used postoperatively? | | ☐ Yes | □ No | | |
| b | b. If Yes, why? Routine manangement | | | | | |
| | | ☐ Respiratory in | adequacy | | | |
| | | ☐ Cardiac inade | quacy | | | |
| | | ☐ Control of intra | acranial pressure o | or other neurosurg | ical indications | |
| | | | anagment of pain | · | | |
| | | | condition of patien | t | | |
| | | _ | very of body tempe | | | |
| | | | (please specify) | | | |
| | | ☐ Other reason | (piease specify) | | | |
| M. CRITICAL INCIDENTS | | | | | | |
| М. (| CRITICAL INCIDENT | S | | | | |
| М. (| CRITICAL INCIDENT | S | | | | |
| | Did any critical incidents of anaesthesia or in the immediately period? | ccur during the | ☐ Yes | □ No | | |
| 54. a | Did any critical incidents of anaesthesia or in the imm | ccur during the | ☐ Yes | □ No | | |
| 54. a | Did any critical incidents of anaesthesia or in the imm period? | ccur during the | ☐ Yes | □ No | | |
| 54. a | Did any critical incidents of anaesthesia or in the imm period? | ccur during the | ☐ Yes | □ No | | |
| 54. a | Did any critical incidents of anaesthesia or in the imm period? | ccur during the | ☐ Yes | □ No | | |
| 54. a | Did any critical incidents of anaesthesia or in the imm period? If Yes, please specify: | ccur during the ediate recovery | ☐ Yes | □ No | | |
| 54. a | Did any critical incidents of anaesthesia or in the imm period? | ccur during the ediate recovery | ☐ Yes | □ No | | |
| 54. a | Did any critical incidents of anaesthesia or in the imm period? If Yes, please specify: | ccur during the ediate recovery | ☐ Yes | □ No | | |
| 54. a | Did any critical incidents of anaesthesia or in the imm period? If Yes, please specify: | ccur during the ediate recovery NALGESIA | ☐ Yes | □ No | | |
| 54. a | Did any critical incidents of anaesthesia or in the imm period? If Yes, please specify: POSTOPERATION A At the time of the operation | n did the te pain service? | | | | |
| 54. a b | Did any critical incidents of anaesthesia or in the imm period? If Yes, please specify: POSTOPERATION A At the time of the operation hospital have an adult acutation. | n did the te pain service? n did the hospital ain service? | ☐ Yes | | □ NA | |



| 5 8. | a. | Were drugs given in the fire after the operation for pain | st 48 hours | | |
|-------------|------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| | b. | If Yes, which method/route? | □ Intramuscular injection □ Oral □ Rectal □ Continuous IV infusion/nurse controlled analgesia □ Continuous subcutaneous infusion/nurse controlled analgesia □ Patient-controlled analgesia □ Patient-controlled epidural analgesia □ Continuous epidural infusion □ IV bolus | | |
| | | | Other (please specify) | | |
| 59. | 9. a. Were there any complications as a result | | | | |
| | b. If Yes, please specify: | | | | |
| | | | | | |
| 0 | . D | EATH | | | |
| 20 | | Diagona superposito o the superposito | | | |
| 60. T | | Please summarise the eve | nts leading to death. | | |
| | | | | | |
| | | | | | |
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Thank you for taking the time to complete this questionnaire.

