

EMERGENCY AND ELECTIVE SURGERY IN THE ELDERLY STUDY

National Confidential Enquiry into Patient Outcome and Death (NCEPOD)
Advisor Assessment Form (AF)

Questionnaire number

INSTRUCTIONS FOR COMPLETION

Please complete all questions with either block capitals or a bold cross inside the boxes provided. If you make a mistake, please "black-out" the box and re-enter the correct information. Unless indicated, please mark only one box per question.

A. PATIENT DETAILS

- 1. Age at time of procedure years
- 2. Gender: Male Female
- 3. Date of death
d d m m y y
- 4. Date of operation
d d m m y y

B. ADMISSION DETAILS

- 5. Arrival details: Time: Date: Day:
h h m m d d m m y y
- 6. Admission details*: Time: Date: Day:
h h m m d d m m y y

*Includes via Admission Unit

- 7a. Was the clinical area of admission appropriate? Yes No Unable to answer

7b. If NO, please specify;



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8a. In your opinion, was the patient admitted to the most appropriate specialty? Yes No Unable to answer

If YES, go to question 10

8b. If NO, in your opinion, did this have a significant effect on clinical outcome? Yes No Unable to answer

8c. If YES, please specify;

9a. If the patient was not admitted to the appropriate specialty, was the patient transferred to an appropriate specialty at a later time? Yes No Unable to answer

9b. If YES, was this carried out without significant delay? Yes No Unable to answer

10a. Was the patient transferred? Yes No

10b. If the patient was transferred from another hospital as their route of admission, in your opinion, was the transfer satisfactory? Yes No Unable to answer

10c. In your opinion, was the care given to the patient during the transfer appropriate? Yes No Unable to answer

10d. Is transfer documentation available in the casenotes? Yes No

C. INITIAL ASSESSMENT

11a. Was the time, grade and specialty of the initial assessment appropriate to the severity and complexity of the illness or surgical condition? Yes No Unable to answer

11b. If NO, please give details;



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- 33c.** If YES to question 33a, were these investigations timely? Yes No Unable to answer
- 33d.** If NO to question 33c, did this have a significant effect on outcome? Yes No Unable to answer
- 34.** Were any abnormal investigations acted upon/Were appropriate steps taken to correct any anomalies? Yes No Unable to answer
- 35a.** In your opinion, did any deficiencies in investigations have a significant effect on outcome? Yes No Unable to answer
- 35b.** If YES, please expand on your answer;

G. FIRST OPERATION

- 36.** In your opinion, was the operation performed in a timely manner, i.e. without significant delay? Yes No Unable to answer
- 37a.** In your opinion, was the grade and experience of the most senior surgeon in theatre at the time of the operation appropriate? Yes No Unable to answer

- 37b.** If NO, please expand on your answer;
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- 38a.** In your opinion, was the specialty of the most senior surgeon in theatre at the time of the operation appropriate? Yes No Unable to answer

- 38b.** If NO, please expand on your answer;
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- 39a. If the surgeon was not a consultant, was the level of supervision adequate? Yes No Unable to answer
- 39b. How was this supervision given?
 In theatre By telephone In hospital Other (please specify)
- 40a. If the consultant was operating, is there evidence that a trainee was also in theatre scrubbed and assisting with the procedure? Yes No Unable to answer
- 40b. If YES, what grade?
 Staff grade or Associate specialist Senior specialist trainee (SpR 3+ or ST3+)
 Trainee with CCT Junior specialist trainee (SpR 1&2 or ST1&2)
 Other (please specify) Basic grade (FY, HO, SHO or CT)
41. Please grade the quality of the documentation of the surgical note;
 Not returned
 Good (all aspects of the documentation were well presented and easy to read)
 Satisfactory (most aspects of the documentation were well presented and easy to read)
 Poor (many aspects of the documentation were presented unclearly and difficult to read)
42. In your opinion, did the patient develop any additional comorbidities/complications on this admission?
 a) Respiratory Yes No Unable to answer
 b) Cardiovascular Yes No Unable to answer
 c) Metabolic Yes No Unable to answer
 d) Neurological Yes No Unable to answer
 e) Renal Yes No Unable to answer
 f) Hospital acquired infection Yes No Unable to answer
 g) If YES, please specify the type of infection
43. Did the patient suffer any GI complications post operatively?
 a) Prolonged ileus (>72 hours) Yes No Unable to answer
 b) Gut perforation Yes No Unable to answer
 c) GI bleed Yes No Unable to answer
 d) Stoma prolapse Yes No Unable to answer
 e) Anastomotic leak Yes No Unable to answer
 f) Other, please specify



K. FLUID BALANCE

63. Is there recorded evidence of pre-operative dehydration, i.e. decreased urine output, skin turgor, decreased blood pressure. Yes No Unable to answer
64. Were fluids clearly prescribed e.g. within the drug administration record? Yes No Unable to answer
65. If this was an acute admission, in your opinion how do you categorise the pre-operative fluid resuscitation?
- Adequate/Appropriate
- Inadequate
- Excessive
- Unable to answer
66. In your opinion, how would you categorise the peri-operative fluid administration?
- Adequate/Appropriate
- Inadequate
- Excessive
- Unable to answer
67. What was the quality of the fluid balance charts?
- Good
- Satisfactory
- Poor
- Unacceptable
- Unable to answer
68. Were urea and electrolytes measured at appropriate intervals post operatively? Yes No Unable to answer
69. Is there evidence of hyponatraemia (serum Na⁺ <134mmol/l) at any stage in this patients hospital stay? Yes No Unable to answer



L. RENAL IMPAIRMENT

70. Is there evidence that Acute Kidney Injury (AKI) was noted on admission? Yes No Unable to answer

71. In your opinion was there adequate assessment of risk factors for AKI? Yes No Unable to answer

72. Did the patient develop AKI post admission? Yes No Unable to answer

73. When was renal impairment first noted?
 Pre-operatively Post operatively Unable to answer

74. If POST OPERATIVELY, how long following the procedure?

75. In your opinion, could this be attributed to; (answers may be multiple)
- Unsatisfactory pre-operative resuscitation
 - Poor surgical technique
 - Poor intraoperative management of fluids/cardiovascular status
 - Poor post operative management
 - Timeliness of surgery
 - Complications of surgery
 - Unable to answer
 - Other (please specify)

76. What stage of AKI was the patient in when it was first recognised?
- 1 SERUM CREATININE CRITERIA - increase in serum creatinine of ≥ 0.3 mg/dl (≥ 26.4 μ mol/l) or increase to $\geq 150\%$ - 200% (1.5- to 2-fold) from baseline
URINE OUTPUT CRITERIA - less than 0.5ml/kg per hour for more than 6 hours
 - 2 SERUM CREATININE CRITERIA - increase in serum creatinine to more than 200% - 300% (2- to 3-fold) from baseline
URINE OUTPUT CRITERIA - less than 0.5ml/kg per hour for more than 12 hours
 - 3 SERUM CREATININE CRITERIA - increase in serum creatinine to $>300\%$ (3- fold) from baseline (or serum creatinine of ≥ 4.0 mg/dl [>354 μ mol/l]) with an acute increase of at least 0.5mg/dl [44 μ mol/l])
URINE OUTPUT CRITERIA - less than 0.3ml/kg per hour for 24 hours or anuria for 12 hours
 - Unable to answer

77a. Was there an unacceptable delay in recognising AKI? Yes No Unable to answer

77b. If YES, how long was the delay? Days: Hours:



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- 77c. Was the delay due to;
- Poor recognition of risk factors
 - Long periods of time between blood tests
 - Poor recording of fluid balance
 - Lack of senior input
 - Other (please specify)

M. TEAM WORKING

78a. Is there evidence junior staff did not seek appropriate advice, whether surgical or anaesthetic, when necessary? Yes No Unable to answer

78b. If YES, please expand on your answer

79. Is there evidence in the casenotes of involvement of physicians with responsibility for Medicine for the Elderly/Older Persons?

a) Pre-operatively Yes No Unable to answer

b) Post operatively Yes No Unable to answer

80a. In your opinion, should there have been the involvement of any other specialist teams in the care of this patient? Yes No Unable to answer

80b. If YES, please expand on your answer



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N. CONSENT

81. Would you expect a consent form to be present for this patient, based on the urgency of their admission? Yes No Unable to answer

82a. If YES, was the correct signed form in the notes? Yes No Unable to answer

82b. If YES, was this the appropriate one? Yes No Unable to answer

83. What grade of doctor obtained consent?

Consultant

Senior specialist trainee (SpR 3+ or ST3+)

Staff grade or Associate specialist

Junior specialist trainee (SpR 1&2 or ST1&2)

Trainee with CCT

Basic grade (FY, HO, SHO or CT)

Other (please specify)

84. In your opinion, was this grade of doctor appropriate? Yes No Unable to answer

85a. Was the consent form completed adequately? Yes No Unable to answer

85b. If NO, please expand on your answer

O. DEATH

86a. What was the final diagnosis of this patient?

86b. In your opinion, was this correct? Yes No Unable to answer



P. OVERALL ASSESSMENT

91a. Overall assessment of care for this patient (please select one category only)

- Good practice - a standard of care you would expect from yourself, your trainees, and your institution
- Room for improvement - aspects of CLINICAL care that could have been better
- Room for improvement - aspects of ORGANISATIONAL care that could have been better
- Room for improvement - aspects of CLINICAL AND ORGANISATIONAL care that could have been better
- Less than satisfactory - several aspects of CLINICAL AND/OR ORGANISATIONAL care that were well below a standard that you would expect from yourself, your trainees and your institution
- Insufficient data

91b. Please provide reasons for assigning this grade;

92. Are there any particular issues which you feel should be highlighted in the report? Yes No

Occasionally NCEPOD will refer cases that have been identified as 5 (less than satisfactory) when it is felt that further feedback to the Trust concerned is warranted. This is usually due to an area of concern particular to the hospital or clinician involved, and not for issues being highlighted across the body of casenotes. In cases that are referred, the advisors have concerns that the pattern of practice fell below a standard, which indicates that the practitioner or team or Trust is likely to put future patients at risk if not addressed. This process has been agreed by the NCEPOD Steering Group and the GMC. The Medical Director of the Trust is written to by the Chief Executive of NCEPOD explaining our concerns. This process has been in operation for XX years and the responses received have always been positive in that they feel we are dealing with concerns in the most appropriate manner.

93. If you feel this case should be considered for such action please check this box

