

**NATIONAL CONFIDENTIAL ENQUIRY INTO
PERIOPERATIVE DEATHS**

**DATA SUPPLEMENT FOR THE 2003 REPORT
*WHO OPERATES WHEN II***

Please read this supplement in conjunction with the full report

INTRODUCTION

This data supplement should be read in conjunction with the 2003 NCEPOD Report, “Who Operates When II” (The 2003 Report of the National Confidential Enquiry into Perioperative Deaths. NCEPOD. London, 2003).

The question numbers in the supplement correspond to those in the questionnaire or the excel spreadsheet with which the data was collected. A copy of the questionnaire is attached.

Where a question is omitted from the supplement, the information collected for this field was either confidential (e.g. name of surgeon) or free text (e.g. procedure performed).

Requests for further information should be addressed to:

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DATA COLLECTED FOR ‘WHO OPERATES WHEN? II’

Section One – The patient

2.	Year of birth	
	1890 – 1990	4
	1900 – 1909	456
	1910 – 1919	4052
	1920 – 1929	9919
	1930 – 1939	9835
	1940 – 1949	10067
	1950 – 1959	8864
	1960 – 1969	9745
	1970 – 1979	7200
	1980 – 1989	4785
	1990 – 1999	4877
	2000 – 2001	816
	Missing	1723
3.	Sex	
	Male.....	32395
	Female	38649
	Indeterminate	83
	Missing	1216
5.	Admission type	
	In-patient – elective	29288
	In-patient – emergency.....	9586
	Day case	31499
	Missing	1970
7.	ASA Status	
	1	26693
	2	15053
	3	5829
	4	900
	5	151
	6	35
	Missing	23682

Section Two – The theatre session

8.	Theatre session type	
	Scheduled	61435
	Emergency surgical.....	5141
	Emergency trauma	3242
	Unscheduled	1221
	Missing	1304

9. Classification of theatre case	
Emergency	4441
Urgent.....	4890
Scheduled	17174
Elective.....	40376
Missing	5462
10. Location of procedure	
Theatre suit	54599
Day case unit.....	11856
Other	1300
A&E	135
Anaesthetic Room.....	4
Angiography Unit.....	14
Burns Unit	1
Cataract Treatment Centre ..	65
Critical Care	12
Clean Air Theatre	1
Colposcopy Clinic.....	2
Consulting Room.....	1
Dental Theatre	63
Dermatology Theatre	42
ECT	6
Endocrinology	8
Endoscopy Suite	93
Endourology Suite.....	17
Endovascular Suite	27
ENT Department	1
Eye Theatre.....	79
Gastro Unit	24
Gynaecology theatre	27
Hand Surgery Unit.....	15
Laser Centre	4
Minor Ops Theatre	20
Mobile Theatre	100
Orthopaedic Theatre	6
Ophthalmic Theatre.....	43
Oral facial Theatre.....	2
Outpatient Department.....	77
Plastics Theatre	34
Procedure Clinic.....	2
Radiology	1
Radiotherapy	3
Short Stay Unit	43
Urology	4
Vascular Suite	1
X-Ray Suite	5
Not stated.....	
Missing	4588

Section Three – The procedure

11&12 Derived start time

A derived start time for each procedure was determined from Question 11 (start time of anaesthesia) and question 12 (start time of surgery) after data collection. This allowed operations to be classified as Day, Evening or Night.

Day 08:00 – 17:59
 Evening 18:00 – 23:59
 Night 00:00 – 07:59

Day 66429
 Evening..... 3889
 Night 593
 Missing 1432

13. Type(s) of anaesthetic

Local..... 13816
 Epidural/Spinal 1879
 Other regional..... 970
 General..... 44957
 Sedation 1025

Local and Epidural/Spinal..... 53
 Local and Other regional 177
 Local and General 2636
 Local and Sedation..... 507
 Epidural/Spinal and Other regional 40
 Epidural/Spinal and General .. 1628
 Epidural/Spinal and Sedation . 516
 Other regional and General.... 1136
 Other regional and Sedation .. 54
 General and Sedation 131

Local, Epidural/Spinal and Other regional 1
 Local, Epidural/Spinal and General 16
 Local, Epidural/Spinal and Sedation 6
 Local, Other regional and General 44
 Local, Other regional and Sedation 15
 Local, General and Sedation.. 23
 Epidural/Spinal, Other regional and General..... 7
 Epidural/Spinal, General and Sedation 20
 Epidural/Spinal, Other regional and Sedation 31
 Other regional, General and Sedation..... 3

Local, Epidural/Spinal, Other regional and General 1
 Local, Epidural/Spinal, General and Sedation..... 1
 Local, Other regional, General and Sedation 1

Local, Epidural/Spinal, Other regional, General and Sedation 1

Missing 2648

Section Four – The surgeon

17. Grade of most senior surgeon

Consultant	46115
Associate Specialist	3186
Staff Grade/Trust Doctor	5807
Clinical Assistant/ Hospital Practitioner	604
SpR with CCST	221
Sub-specialty fellow.....	686
SpR year 4 or greater.....	2928
SpR year 3	1178
SpR year 2	1059
SpR year 1	1185
Visiting SpR.....	121
Registrar*	951
SpR**	2409
Premier SHO (or SHO for>2 years).....	556
SHO year 2.....	204
SHO year 1.....	144
SHO**	624
Pre-registration House Officer	8
Other	999
Missing	3358

** Fields generated after data collection due to large number of entries

18. Was the senior surgeon present a locum?

Yes	4084
No.....	61592
Missing	6667

19. Years in grade of senior surgeon present

This field was very poorly completed and would have required extensive data cleaning for the information to be used. No crude counts are therefore available.

20. If the senior surgeon present is a trainee, is he/she working?

An on call rota	7126
A full shift.....	1503
A partial shift.....	522
Missing	63192

21. If the senior surgeon is a consultant and the procedure was commenced out of hours

a. Was the surgeon on call?

Yes	1359
No.....	4847
Missing	66137

b. Will the surgeon have time off following out-of-hours duties?

Yes	867
No.....	3582
Missing	67894

23. Speciality of consultant surgeon in charge

Accident & Emergency	87
Cardiac/Thoracic/Cardiothoracic	1185
General.....	11486
Neurosurgery.....	689
Obstetrics/Gynaecology	8593
Ophthalmology	7237
Oral & Maxillofacial.....	2509
Orthopaedic & Trauma	12909
Otorhinolaryngology	5474
Paediatric	796
Plastic.....	3117
Transplantation.....	96
Urology	5727
Vascular	1503
Other	1641
Missing	9294

Section Five – The anaesthetist

25. Grade of most senior anaesthetist present during the procedure

Consultant	39772
Associate Specialist	2729
Staff Grade/Trust Doctor	5538
Clinical Assistant/ Hospital Practitioner	997
SpR with CCST	84
Sub-specialty fellow.....	36
SpR year 4 or greater.....	1589
SpR year 3	900
SpR year 2	735
SpR year 1	848
Visiting SpR.....	60
Registrar**	173
SpR**	1599
Premier Senior House Officer	463
SHO year 2.....	912
SHO year1.....	792
SHO**	1796
Pre-registration House Officer	22
Other	451
No anaesthetist present	5148
Missing	769

**** Fields generated after data collection due to large number of entries

26. Years in grade of most senior anaesthetist present

This field was very poorly completed and would have required extensive data cleaning for the information to be used. No crude counts are therefore available.

27. If the senior anaesthetist present is a trainee, is he/she working?

An on call rota	5158
A full shift.....	952
A partial shift.....	1892
Missing	64341

28. If the senior anaesthetist is a consultant and the procedure was commenced out of hours

Will the anaesthetist have time off following out-of-hours duties?

Yes	960
No.....	3751
Missing	67632

30. If the senior anaesthetist is not a consultant, was there

Immediately available supervision.....	4146
Local supervision.....	7170
Distant supervision	5004
Missing	56005

Section 6 – Recovery and final destination

32. Would the arrangements for the recovery of this patient prevent the start of another case?

Yes	2916
No.....	59681
Missing	9746

33. Was the patient sent to recovery?

Yes	58258
No.....	9661
Missing	4424

34. Final destination after leaving suite

HDU.....	1074
ICU	1342
CCU.....	145
Appropriate surgical specialty ward.....	30118
General surgical ward	15098
General Medical Ward.....	640
Home.....	8858
Died in theatre	53
Other*	8697
Missing	6318

*The 'other' category was very poorly completed and many entries were indecipherable. Further breakdown can therefore not be provided.