

Acute hospital survival in admissions following treatment withdrawal in the Case Mix Programme in 2011

Question

What was the acute hospital survival for admissions to adult, general critical care units in the Case Mix Programme (CMP) following treatment withdrawal in 2011 and what was the distribution across units?

Available data for report

128,480 admissions to 204 adult, general critical care units
1 January – 31 December 2011

Selection of cases

All admissions to adult, general critical care units (i.e. excluding admissions to specialist critical care units or standalone high dependency units) that were participating in the CMP from 1 January to 31 December 2011. Where a patient had more than one admission to critical care during the acute hospital stay, the last admission was used in this analysis.

Definitions for variables included

Treatment withdrawn was defined as where one or more clinically indicated treatments, other than comfort measures, were withdrawn, on the grounds of lack of benefit to the patient.

Acute hospital survival was defined as the status at ultimate discharge from acute hospital.

Results

Table 1 gives the breakdown of acute hospital survival for admissions to all adult, general critical care units in England, Wales and Northern Ireland participating in the CMP from 1 January to 31 December 2011. Overall, the survival in admissions following treatment withdrawal was 0.7%, this ranged across units from 0% to 10%.

Table 1: Acute hospital survival for admissions to adult general critical care units in the Case Mix Programme in 2011, following treatment withdrawal

		Median (range) % across units*
Admissions (Jan-Dec 2011)	122,891	N/A
Acute hospital survival	95,213 (77.7%)**	76.2% (57.1-95.3%)
Admissions having treatment withdrawn	11,102 (9.0%)	9.7% (2.1-20.0%)
Acute hospital survival following treatment withdrawal	79 (0.7%)	0% (0-10.3%)

* Excluding units with fewer than 20 admissions having treatment withdrawn

** 440 admissions missing status at ultimate discharge from acute hospital

Acknowledgement

Please acknowledge the source of these data in all future presentations (oral and/or written), as follows:

“These data derive from the Case Mix Programme Database. The Case Mix Programme is the national, comparative audit of patient outcomes from adult critical care coordinated by the Intensive Care National Audit & Research Centre (ICNARC). These analyses are based on data for 128,480 admissions to 204 adult, general critical care units based in NHS hospitals geographically spread across England, Wales and Northern Ireland. For more information on the representativeness and quality of these data, please contact ICNARC.”