Rationing in the emergency department: the good, the bad, and the unacceptable

E Cross, S Goodacre, A O’Cathain, J Arnold

OBJECTIVE

Waiting times in emergency departments (EDs) are an important government priority. Although substantial efforts are currently being made to reduce waiting times, little attention has been paid to the patients’ view. We used qualitative methods to explore patients’ perspectives on waiting times and other approaches to rationing and prioritisation.

METHODS

Face to face, in depth, qualitative interviews (n = 11) explored how patients valued waiting times for non-urgent ED care. The framework approach (identifying a thematic framework through repeated re-reading) was used to analyse transcripts.

RESULTS

Interviewees found some forms of rationing and prioritisation acceptable. They expected rationing by delay, but required explanations or information on the reason for their wait. They valued prioritisation by triage (rationing by selection) and thought that this role could be expanded for the re-direction of non-urgent patients elsewhere (rationing by deflection). Interviewees were mainly unwilling or unable to engage in prioritisation of different types of patients, openly prioritising only those with obvious clinical need, and children. However, some interviewees were willing to ration implicitly, labelling some attenders as inappropriate, such as those causing a nuisance. Others felt it was unacceptable to blame “inappropriate” attenders, as their attendance may relate to lack of information or awareness of service use. Explicit rationing between services was not acceptable, although some believed there were more important priorities for NHS resources than ED waiting times. Interviewees disagreed with the hypothetical notion of paying to be seen more quickly in the ED (rationing by charging).

CONCLUSIONS

Interviewees expected to wait and accepted the need for prioritisation, although they were reluctant to engage in judgements regarding prioritisation. They supported the re-direction of patients with certain non-urgent complaints. However, they perceived a need for more explanation and information about their wait, the system, and alternative services.
varying severity of injury, patients being turned away, patient charges, and the triage process. The final section of the interview involved the presentation of a scenario of 15 types of patients that could be triaged by the interviewee, and moved up or down the queue (fig 1). These scenarios were based upon experiences of clinicians in an ED and also a review of the guidelines on triage by the Manchester Triage Group.

In qualitative studies, a small sample provides a large amount of data that require extensive analyses. This study does not aim to be generalisable or statistically representative. The method of selecting interviewees aimed to provide diversity of patient types and offer deeper insights into people’s views of waiting in EDs.

Analysis

The interviews were transcribed verbatim by EC. The data were analysed using framework analysis. Although the general approach in this analysis is inductive, it also allows for the inclusion of both a priori and emergent concepts.

Using this approach, familiarisation with each interview was firstly achieved by reading each transcript several times. Varying themes were identified, for example, “expectations”: “I thought I was going to get seen then virtually straight away but I didn’t” (Case 08); “acceptability”: “You choose to either wait or you go home, don’t you?” (Case 04); and “negativity”: “Feel insignificant and made to feel a nuisance for being there” (Case 07). Two transcripts (randomly selected) were then discussed in detail with another member of the research team (AOC) to identify a thematic framework. Each transcript (case) was coded in relation to these themes. Case charts (matrices) were then drawn up to plot out the themes. This allowed clear, visual interpretation of the whole dataset via the identified themes. Common themes were then identified across cases. We grouped and categorised the common underlying themes and also noted issues that were not common across the cases. The thematic framework was refined and re-categorised, linking related themes together; for example, “expectations”, “lack of information/uninformed”, and “comparison with past experiences” were all categorised as “education/awareness” during this process. We then returned to the transcripts to view the data in the context of these themes, a process known as recontextualisation.

RESULTS

For the study, 27 patients were approached in the ED waiting room, and 11 agreed to be interviewed (Table 1).

Of the 27 patients approached in the waiting room to be interviewed, five, aged in their twenties, declined to take part (four male, one female). Others declined to be interviewed at home, but offered to be interviewed in the hospital while they were waiting to be seen. Unfortunately, this was not practical. Interviewees reported waits varying between 1 and 5 hours (table 2).

The acceptability of waiting times: the role of expectations and information

There appeared to be an acceptance of rationing by delay in the ED. When considering their own waiting times in the ED, interviewees’ tolerance of waiting seemed to be related to their expectations. They knew that there were often long waits in the ED, and thus expected to wait themselves. This expectation arose from their own previous experiences, or those of their relatives, friends, or neighbours. For example, one interviewee had been “pleasantly surprised” that he did
not wait as long as expected on the Tuesday following a bank holiday Monday, even though he waited a total of 3.5 hours (Case 01).

“Whenever I’ve had to go it’s always been the same that it’s been a long wait, because obviously people that are more urgent get put first, which is only right” (Case 09).

Despite others being unhappy about the length of their wait, the main concern expressed was the lack of information about why they were waiting. Comments were made about not knowing what was going on behind closed doors, why some patients who had waited less time than others were seen first, or why sometimes no one appeared to be treated at all. Interviewees suggested that further information should be made available to those waiting, possibly displaying posters in the waiting area outlining the order of priority of different illnesses or injuries.

“You don’t know how many staff are dedicated to A&E. They could all be at lunch” (Case 03).

Additionally, interviewees seemed unaware of the ways in which EDs might function; for example, that emergency ambulances brought patients to the same department, and that these emergencies affected the time that patients wait to be seen. In the ED in this study, patients in the waiting room could not see ambulance staff arriving with emergency patients, and this may have contributed to their perception that at times no one was being treated.

**Prioritisation and rationing: the good, the bad, and the unacceptable**

The prioritisation process of triage was considered to be a valuable process that, on the whole, worked well. Interviewees seemed to trust the triage decision: “They’ve a good idea, haven’t they really?” (Case 04). Suggestions were made about increasing the role of the triage nurse to diagnose so that patients did not have to see a doctor or could be recommended to seek care from a more appropriate service. That is, interviewees found rationing by selection acceptable, and suggested the expansion of triage to include rationing by dilution (in that everyone would not see a doctor) and rationing by deflection to other services.

Although interviewees agreed with the concept of prioritisation within triage, they were less positive about the concept of rationing by sending patients away without seeing a doctor or nurse, because of the potential risk of turning away someone who was seriously ill. Overall, they accepted that some inappropriate attenders should be re-directed to other services or “de-prioritised”, specifically attenders with non-urgent complaints, who could be seen by a general practitioner.

“Where there’s definitely no other complications, then yes, they should be turned away because it is using time that other people probably need. But there’s always the other side of it, that, is that just the problem or could it be anything worse?” (Case 09).

“You’d have to check them slightly in case of a brain tumour or heart attacks or something. You do hear horror stories...” (Case 09).
stories that someone was told they had indigestion or panic attacks’’ (Case 03).

A less acceptable form of rationing within the context of the NHS was the hypothetical notion of paying to be seen more quickly in the ED as a way of controlling demand. All interviewees raised the issue of equity; that it would be unfair on those who could not afford to pay. However, having raised this point, some interviewees said that they would pay, depending on the seriousness of the complaint, the level of pain, and the cost. One interviewee said he could afford to pay and would go private if there was a remit for accident and emergency care in private health care.

‘‘It’s like a public service in a way, and I don’t think you should have to [pay]’’ (Case 011).
‘‘It depends if you can afford it. Probably most people can’t’’ (Case 04).

Whereas triage was an acceptable mode of prioritising within EDs, they found the whole concept of rationing between EDs and other services totally unacceptable. Interviewees were willing to discuss whether the government should spend more money on reducing waiting times in EDs; some felt that the government should, while others suggested greater priorities such as reducing waiting lists. However, when asked which services should lose resources in order that EDs gain, interviewees were unable or unwilling to participate in this explicit rationing, instead wanting more money to be directed into the NHS as a whole.

‘‘I think more money should be put into the health service full stop.’’ (Case 01)

Patients: the good, the bad, and the unacceptable
When presented with the scenarios of 15 types of patients and asked whether they would change their position in the queue, interviewees were mainly unwilling or unable to prioritise types, preferring to leave most patients where they were in the queue. They did not appear comfortable with making judgements, stating that this decision could only be made by clinical staff. However, they were willing to engage in prioritisation for some patient types, in particular that those with clinical need defined as threat to life, extreme pain, or potential for deterioration should be moved up the queue.

‘‘It’s not about how you’ve injured yourself but how serious it is’’ (Case 07).

Regardless of the seriousness of the complaint, they advocated moving children up the queue because they could be more upset and less able to understand the situation than adults, and there could also be uncertainty over the seriousness of their complaint. They did not express similar concerns for the other end of the age spectrum, tending to leave elderly patients where they were in the queue.

‘‘Well you have to look after a child, well, for one, they soon get upset, a child gets upset, and I think they should be seen you know… quite quickly.’’ (Case 08).

Some types of patients were judged as having lower priority than others, in particular those who were considered to have contributed to their illness or injury, for example those with injuries related to smoking or drug misuse, and sports injuries. However, interviewees who themselves were in these categories were, unsurprisingly, less likely to make negative judgements about this type. Patients under the influence of alcohol were not favourably looked upon. Some interviewees found it acceptable to send these people away without treatment while others took a pragmatic approach of moving them up the queue to get them seen as quickly as possible to reduce the chance of disturbance or trouble.

Although some interviewees were willing to label others as inappropriate attenders, they did not want to be seen as inappropriate attenders themselves. When discussing whether those with non-urgent complaints should be turned away, some felt the need to justify their own attendance at the ED.

‘‘I felt bad last week about going…but I was in so much pain’’ (Case 06).

The themes of blame and information merged at this point. Interviewees considered that it was not a patient’s fault if they tried to use an ED and did not know they could have gone to a minor injuries unit (MIU) or walk in centre, for example. They felt that these services should be better publicised, and if patients were turned away then they should receive explanations about the appropriate use of EDs and other services.

‘‘There needs to be better awareness and education generally’’ (Case 07)

DISCUSSION
In this study, ED patients found some forms of rationing more acceptable than others, and offered ways in which current forms of rationing could be made more acceptable. Implicit forms of rationing in operation in EDs, such as rationing by delay, could be made more acceptable to patients if they were informed about the length of delay and reasons for it, and how an ED functioned. They were in favour of triage even though this is a means of rationing by selection. Interviewees suggested that other forms of rationing could be used more, such as rationing by deflection—that is, patients could be informed to go to other services, as long as they were not blamed for not knowing to go there in the first place. They were also in favour of rationing by dilution, as they were happy to see an increasing role for the triageur so that not everyone saw a doctor. This has been attempted elsewhere. However, interviewees found explicit rationing difficult to engage with, and saw risks in rationing by denial (although they were willing to accept it if the risks could be reduced) and problems in rationing by charging, such as introducing inequity. They preferred to leave judgements about waiting times for most types of patients to staff, although were able to prioritise patients with clinical need, echoing Cookson & Dolan’s study.12 Children were given universal priority, linking in with Dingwall’s work that children break rules used by staff in EDs but are not punished for it.13 Interviewees also gave lower priority to people with self inflicted injuries or illnesses, although empathy and past experiences diluted this effect.

Although reluctant to engage with prioritising different types of patients, in some instances interviewees made similar judgements to ED staff. Good patients were characterised by their medical seriousness and bad patients by social characteristics, for example patients under the influence of alcohol who were disruptive, or under arrest.14 There were also some important differences. For example, interviewees could justify why an attendance at an ED was
appropriate after waiting a number of days with a condition, while this category might be labelled as “trivia” by staff. Interviewees seemed aware that staff might consider them to be “inappropriate” attenders, or “time wasters”, a label that can cause distress and give a sense of being treated badly, and one that patients have been shown to work hard at avoiding having it applied to them. To some extent, they shifted this blame back to staff and services by making the point that it was not the fault of the patient if they did not know of the most appropriate service to attend. An ignorance of alternative services to EDs has been found elsewhere, and this would not be the first study to suggest that people need educating about alternatives to EDs. A study of choice between EDs and general practice “out of hours” centres demonstrated that, once informed about another service (in this case a GP co-operative), most ED attenders were willing to use that service in the future. However, it is acknowledged that most ED attenders only frequent EDs once every 4 years.

This study confirmed the findings of quantitative studies of patient views of ED services that patient satisfaction with waiting times is related to their expectations, and this study has also confirmed that waiting could be made more acceptable and satisfaction increased if information is provided about reasons for waiting. Of course, it may be possible to provide more detailed insight if interviewees are interviewed in the waiting area, and there were also ethical considerations, including the timing of the interview and its influence on parental satisfaction in an urban pediatric emergency department. The timing of the interview may have influenced the perceptions recorded at one time are any more valid than those recorded at another time. We consistently interviewed patients after a similar length of time post-attendance, where possible.

Implications for future research/clinical practice
This study has identified some possible trade offs with waiting times that could be further explored by quantitative methods such as conjoint analysis. Providing information may be of as much value to patients as decreasing actual waiting time. Some forms of rationing, such as waiting times and triage are acceptable, but people find it difficult to engage in explicit rationing of services in terms of denying treatment, taking money from one service to pay for another, or asking patients to pay. These may be unacceptable in the context of the NHS, but may be more acceptable outside it, for example the existence of a private ED in the south of England.

CONTRIBUTORS
SG conceived and designed the study. SG, EC and AOC prepared the interview schedule. EC co-ordinated the study, with JA and EC recruiting the interviewees and EC conducting the interviews. EC transcribed and analysed the data, in discussion with AOC and SG. EC wrote the paper, with involvement from AOC. AOC and SG contributed towards editing the paper. All authors contributed to the final draft.

Authors' affiliations
E Cross, A O’Cathain, Health Services Research, School of Health and Related Research, University of Sheffield, Sheffield, UK
S Goodacre, J Arnold, Accident and Emergency Department, Northern General Hospital, Sheffield, UK

Competing interests: none declared

REFERENCES