The need for organs for transplantation continues to be greater than the number donated. Other methods for increasing the availability of organs for transplantation being explored. Of these, advances in stem cell technology seem promising, but there are considerable obstacles yet to be overcome, as is the case with xenografting. Financial incentives for donation have also been considered, but the sale of any human tissue is likely to fall foul the Council of Europe's Convention on Human Rights and Biomedicine. Given the present limitations on such alternatives, the failure to secure sufficient numbers of cadaveric organ donations has led to a noticeable increase in live donation of certain organs such as kidneys, as well as lung and liver lobes. Even if the risks and harms to live donors are statistically acceptable however, and this is not always the case, it would still be ethically preferable to use cadaveric organs, if only there were sufficient of these available, since no risk or harm to a living person is better than even a small risk or harm. There is, therefore, an ethical imperative to increase the number of cadaveric organs available before pursuing other options for saving life (and quality of life) that aim at increasing the number of donations from living persons. This remains the case, even if it is unlikely that there will ever be sufficient numbers of cadaveric donations to completely negate the need for live donation. Furthermore, some organs or tissues, such as hearts and corneas, can, at the present time, only be obtained through cadaveric donation.

The UK currently operates an opting in system where those who wish to donate register this preference and carry a donor card. But signing a donor card is no guarantee that one's organs will be used, even if one dies by an appropriate (in transplant terms) method. Relatives have to be given the opportunity to object (though in reality they are asked to consent), and to do this a member of staff has to approach them with the request. If a person dies without having their card in their possession, staff may not be prompted to approach relatives, and even when they do, relatives may override the wishes of the deceased person. The currently escalating shortage of cadaveric organs clearly illustrates that this system is failing. In an attempt to address this problem, the British Medical Association (BMA) produced a report in which they called for an integrated approach to organ donation centred on a system of presumed consent, and voted to lobby the government to adopt this system. Presumed consent (sometimes referred to as opting out) is a system that allows staff to presume that a person wants to be an organ donor unless they have registered a view to the contrary. Although the BMA would still like relatives to be given the opportunity to object (though not to consent), the presumption is that an unregistered person is a willing donor, thus permitting organs to be removed without further ado. This is a system that has found favour in some other countries. After the passing of a presumed consent law in Belgium, the number of kidneys available for transplantation increased by 114 per cent over the ensuing five years. There was no similar increase experienced in other countries without presumed consent laws in the same geographical region. Interestingly, donation rates in Denmark fell by almost half after the introduction of an expressed consent law in 1986, even though Denmark previously had one of the highest cadaveric organ procurement rates under the presumed consent system that was operated prior to 1986. Singapore also experienced a sharp rise in donation rates after instituting presumed consent. Incidentally, the publicity campaign before the introduction of the presumed consent law in 1987 had the added effect of causing an increase in the number of donations under the pre-existing expressed consent system. In Belgium too the implementation of presumed consent was supported by a strong publicity campaign, which may have influenced donation rates. Whilst there is still much to debate about the efficacy of a presumed consent system, such a system was rejected by the American Medical Association's (AMA) Council on Ethical and Judicial Affairs.

The AMA argued that unless a view has been registered, society has no way of knowing what the deceased's preferences were, and presumed consent is therefore not likely to reflect the views of those who did not want to donate and did not register this preference. A survey of opinion in the USA, cited by the AMA, suggested this could amount to around 31% of the population, a figure similar to that found in...
surveys of opinion in the UK.\textsuperscript{17} Erin and Harris have argued that the concept of presumed consent is something of a fiction because although the term “consent” is used, in reality there is no consent at all.\textsuperscript{18}

Whatever the philosophical objections to presumed consent, events in the UK may have overtaken attempts to introduce this system of organ procurement. Since the BMA’s report was published, the public’s perception in the UK about the acceptability of removing organs without explicit consent has inevitably been affected by the public outrage at reports that thousands of dead children over a period of several decades were systematically and routinely stripped of their organs without the knowledge or consent of their parents. Moreover, the subsequent inquiry into organ retention strongly recommended that the law be tightened to ensure people who wish to donate their organs are free to choose whether to donate, and even which organs they would like to donate; what they are not permitted to do is to fail to register their wishes. Individuals can also choose to let their relatives have the final say. Unless they are granted this right, however, the relatives have neither power nor opportunity to veto an individual’s decision, whether it was for or against donation.

How individuals are compelled to choose is a matter for policy makers—in this paper we are only going to argue that it is an ethically acceptable system for organ procurement. But by way of speculative illustration, questions about organ donation could form part of tax returns, vehicle driver’s licence application forms, state benefit claims, and so forth. It would be a requirement that before returns/applications/claims are processed, questions about organ donation are answered. If an individual wishes to donate, the donor could be penalised by not being able to drive, claim benefits, or would be subject to the penalties for failure to complete their tax forms properly. The system of registration must be as inclusive as possible to reach all the members of the population. So, for instance, tax forms alone would not suffice, as this would be unfair on those who do not earn enough to complete a tax return. Likewise, not all of the population drive cars or claim benefits. A move to mandated choice would also have to be accompanied by extensive public education so that when making their choices, people are sufficiently informed about both the need for choice and the implications of their decision. Finally, choices, though binding, would also be revocable: indeed, people could change their minds as often as they wished, and the most recent choice would prevail. In addition to granting individuals the opportunity to be proactive in revising their decisions, a system could also facilitate periodic regular review. To avoid coercion, registered choices would be confidential and no privileges would accrue from the particular choice made.\textsuperscript{19}

Mandated choice has been widely debated in the USA. It was first proposed by Veatch,\textsuperscript{20} but Spital is perhaps its most ardent proponent.\textsuperscript{21} He conducted a survey in a population of young adults in the USA that indicated that an overwhelming ninety per cent would support mandated choice, while only sixty per cent approved of presumed consent.\textsuperscript{22} It is the preferred option of the AMA\textsuperscript{23} and the United Network for Organ Sharing (UNOS)\textsuperscript{24} but was rejected out of hand by the BMA in its report.\textsuperscript{25}

ARGUMENTS AGAINST MANDATED CHOICE

There appear to be two central objections to mandated choice. First, it is argued that it is unacceptable in a libertarian society to force people to make choices: compelling people to choose undermines their autonomy.

Second, it is argued that people should not be permitted a choice in this matter at all. This kind of objection tends to be made by those who favour a system of compulsory “donation”, where it is automatically assumed that the organs of anyone who dies are available for transplantation purposes and a person has no right to refuse to “donate”.\textsuperscript{26} The main thrust of this argument in its traditional expression is that any harm done by mandatory donation is undoubtedly outweighed by the benefit of saving lives. A variation on this line of thought employs an argument that has not usually been associated with organ donation, but has been used in other areas, such as testing for HIV and genetic abnormalities. This is the argument that the range of choices available to individuals should be limited when individuals will do significant harm if the wrong choices are made. So, for instance, in the case of testing for HIV, an argument could be made for compulsory testing on the grounds that it is unreasonable for individuals to argue that they have the right to ignorance when the consequence of this ignorance is that other people are infected with this terrible virus.\textsuperscript{27} Clearly, a similar argument could be applied to organ donation, namely that if individuals are given a choice, some will choose not to donate, and as a result of this decision others may die. Thus, as mandated choice only requires that a choice be made and still permits people to choose not to donate, it will be viewed as a flawed system by those whose justification for mandated donation is based in utilitarianism.

We will now address each of these objections to mandated choice in turn.

MANDATED CHOICE DOES NOT UNDERMINE AUTONOMY

Being able to choose freely is valuable in many areas of life for, as Dworkin points out, having choices increases the probability of satisfying our wants and gives us greater control over our lives.\textsuperscript{28} Boddington has argued that the right to make choices in the context of organ donation can be compared to the right to give consent in the context of medical decision making for...
therapeutic purposes.31 Because medical decisions tend to be crucial to a person’s welfare, the right to consent is justified; it encourages effective compliance and allays public fears about mistreatment. In the current context, in the UK, it is all the more important to enhance trust in the medical profession and allay fears about mistreatment of the dead or dying and organs being removed without consent.

Another justification for gaining consent in the therapeutic context is that an individual has an interest in maintaining control over his or her own body. Whilst English law does not recognise any property rights in bodies—or body parts,32 self ownership is presupposed because of the close relationship between the person and his or her body.33 Many of the claims made about violations of moral rights, such as those of assault or rape, are incomprehensible without some notion of self ownership and control over one’s body.34 For the living, self ownership is the basis of the right to non-interference in one’s body without consent—be this in a medical context or otherwise.35

What is more controversial is the extent to which the dead can still be thought to own their own bodies. Arguably, when one dies, one ceases to have an interest in what happens to one’s body in the same sense that one has when one is alive and things that are done to one’s body are done to oneself. Since this sense of “ownership” of the body derives from this interest, rather than, say, some financial transaction, it is doubtful that one could be thought of as owning one’s body after death. This is not of course to say that one ceases to have any interests after one dies. One’s interest in medical confidentiality, for instance, continues after death. Interestingly, whilst making or executing a will is often cited as a useful parallel to organ donation, wills are sometimes contested after death, and relatives may be successful in overriding the wishes of the deceased.36

All this seems to suggest that whilst one’s autonomous decisions about one’s body may have to be respected during one’s life, they do not command the same respect after one’s death. Translating this into policy would mean that individuals are entitled to make decisions about what happens to their dead body whilst they are alive, but once they are dead anything that they decided whilst alive can be ignored (if there is some imperative for doing so, such as the preservation of some vital interest of another—living—person). This is reminiscent of the argument for mandated donation since it is clearly in the interests of those who are living but dying for want of an organ to override the wishes of those who want to be buried or cremated whole. We will return to this contention shortly. For now, what we have established is that it could be inappropriate to be concerned about self ownership and autonomous choice after death. In fact, however, it can be argued that mandated choice enhances the autonomous wishes of those who have died.

Spital has consistently rejected the claim that mandated choice undermines autonomy. Instead he asserts that mandated choice actually promotes autonomy, since it ensures that one’s preferences for what happens to one’s body after death are respected. He points out that under an opting in system, autonomous choice after death. In fact, however, it can be argued that mandated choice actually promotes autonomy, since it ensures that one’s preferences for what happens to one’s body after death are respected. He points out that under an opting in system, autonomous choice after death is undermined by the small restriction of liberty that mandating causes. Because substantial benefit can be gained and harm prevented by requiring people to exercise choice in areas where they ought to exercise choice. In Australia, for instance, citizens are required to vote. They are not told what to vote, only that they must. This system is justified by the view that people really ought to decide about how they want to be governed in a democracy and that it is seriously irresponsible not to make this decision. In the same way, it may be seriously irresponsible of people not to decide about organ donation when the lives, and quality of life, of so many people depend upon this decision.

Mull, for instance, maintained that the protection of liberty is no justification for harming others, and indeed protection from harm is the only instance under which liberty may be limited.37 Feinberg argues that legal coercion is sometimes necessary according to certain “liberty limiting principles”, or, expressed differently, “coercion legitimising principles”.38 The principles relevant to this context are the “benefit to others” principle and the “harm” principle. The harm principle states that government interference with a citizen’s behaviour is morally justified when it is necessary (and likely to be effective) to prevent harm to parties other than the person interfered with. The benefit to others principle is a stronger version, which states that it is morally legitimate to restrict an individual’s liberty to produce some benefit for persons other than the person that is restricted. Both of these principles support mandating choice in the case of organ donation, because substantial benefit can be gained and harm prevented by the small restriction of liberty that mandating causes.

The case for limiting liberty gains strength if the benefit to others can be achieved with relatively little effort by the individual. Indeed, it can be argued that mandated choice reinforces an existing obligation to make a choice because it is an act of minimal decency rather than being supererogatory. This is the duty of easy rescue, which is formulated as follows:

For a person X to have a moral duty of easy rescue towards another person Y, there are two primary conditions:39

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should we permit “bad” choices?

The system of mandated choice requires that people make their own decisions about organ donation and that these decisions should be respected whatever they are. There could be two reasons for holding the view that these decisions should be respected. The first is that they should be respected because they are the decisions of autonomous agents, and respecting them is an integral part of respect for persons. The second is that the idea of there being “good” and “bad” decisions in this context also seems wrong as donation is an easy rescue: an easy emotional rescue of relatives. The main problem with the application of the duty of easy rescue to the issue of mandated choice, is that, as Menzel himself argues, the duty of easy rescue once again points to mandatory donation rather than mandatory choice. It is therefore important to tackle the second objection to mandated donation, namely, that it is an ethically inferior system to mandated donation: since it is good to donate and bad not to donate, why allow people to make a bad choice?

1) The act makes a great difference to Y who is at risk of loss of or damage to life or health or some other major interest.  
2) The act would not present significant risks or costs to X: the donor.

let us explore each of these points in turn.

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The second objection, that there is no such thing as a “good” or “bad” choice in this context also seems wrong because donation is clearly the “good choice” given that the duty of easy rescue could apply equally well to donating organs as it does to registering a preference.

So why are we arguing for mandated choice rather than mandated donation? Firstly, the easy rescue argument for mandated donation draws no distinction between “choice” and “reasons for choice”: “good” or “bad” reasons for choosing may operate independent of the consequences of the choice made. In addition, it gives no weight to the process of choosing itself. Secondly, the duty of easy rescue should be conditional on relative harms and benefits of all possible systems. Let us explore each of these points in turn.

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between Kantian ethics and utilitarianism. It also brings into play our second argument, that the duty of easy rescue should take all available systems into account. What we are recommending is a policy of mandated choice that is modified to take into account the view that all things being equal, people do have an obligation to donate, but is better than mandated donation because it also places a value on the act of choosing for oneself. The modification that we have in mind here is that the onus should be on people to justify their decision not to donate, if this is what they decide. Rather than concentrating, however, on the final decision that people make, we should concentrate on how and why this decision is made.

No moral weight needs to be given to an apparent decision that is made unquestioningly or for no reason at all since it is not clear how such a decision can be considered an expression of autonomy, or indeed, a decision at all. Furthermore, it is irresponsible for individuals to say “no” to donation simply because they could not be bothered to think about it seriously. The same would be true of shifting the burden for making the decision onto the family. On the other hand, a good reason for allowing one’s family to decide might be that they have strong objections to donation that, whilst not shared by oneself, are sufficient to suggest that donation would contribute significantly to the trauma of those who have lost a loved one. Refusing to donate out of squeamishness, vanity, or a reluctance to contemplate one’s future death etc would all be bad reasons for refusing to donate, and the fact that they are bad reasons is sufficient justification for the choice itself to be morally questionable. Indeed, since there is a presumption in philosophy that autonomous choices are rational choices, any irrational reason for refusing to donate could make a decision questionable. Moreover, we tend to agree with, for instance, Charlesworth, that an act that is freely chosen, regardless of whether it is objectively wrong, has greater moral value than an act that may be objectively good but has not been freely chosen.

MODIFIED MANDATED CHOICE

This leaves the question of how a system of mandated choice could accommodate the modification we have suggested—that is, the recognition of good and bad reasons for choosing with the onus being on those who refuse to justify this—and still allow people to choose freely. For the solution to this problem, we have borrowed an idea from the so called Spanish model. In Spain, transplant coordinators are not just charged with gaining the consent of relatives for organ donation, they are explicitly required to attempt to persuade relatives to donate. This is done by stressing the generosity of the gift, the benefits to recipients of donation, and the importance of social solidarity. What we propose is a system of mandated choice where the accompanying public education and information is similarly prodonation. For instance, all the available literature on cadaveric donation would be far more directive than it currently is, with the legitimate intention of inclining in favour of donation all but those with the strongest objections.

To protect those who still do not wish to donate, however, the modified system would continue to guarantee confidentiality and no privileges would accrue whatever decision was made. The sense in which individuals will have to justify their decision not to donate would not require public investigation. Rather, the process of actively deciding against donation in the face of literature etc attempting to persuade one to do the opposite, is an active expression of autonomy and therefore worthy of respect without need for further investigations into the reasons, which we will presume to be at least strongly held. Thus, the system we propose accepts the force of the utilitarian argument in favour of obligatory and, therefore, compulsory donation: this is achieved by the strong presumption in favour of donation. It also accepts the Kantian value that is placed on autonomy, but seeks to ensure that an autonomous decision is actually made by both requiring people to reach a decision and by ensuring that a “bad” decision, in utilitarian terms, is at least one that is reached in the face of arguments to the contrary. In this sense it has the value of being an active decision, the reasoning behind which is likely to bring it closer to that which one might expect when upholding the ideal of the autonomous agent.

CONCLUSION

We have addressed the main objections to mandated choice, namely that it undermines autonomy and that mandated donation is preferable. In the process of addressing these objections, we have argued that mandated choice enhances autonomy by ensuring that individuals’ preferences are respected after their deaths. We have also suggested a modification to the accepted system of mandated choice that gives a response to the objections raised by those supporting mandated donation. This modification conceives that it is reasonable to argue that individuals may make choices for the wrong reasons, and as a counterbalance all public information and educational material that accompanies a move to mandated choice should be biased in favour of donation. Given that the objections to mandated choice have been met, public policy makers are obliged to revisit mandated choice as the best way out of the current impasse on organ donation because they still have an obligation to increase the number of cadaveric organs that are made available for transplantation. We recommend our modified version of mandated choice because it recognises the force of the arguments for mandated donation but still ultimately relies on an individual’s explicit consent before any organs are removed.

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Authors’ affiliations

P Chouhan, H Draper, Centre for Biomedical Ethics, Department of Primary Care and General Practice, The Medical School, University of Birmingham, Birmingham, UK

REFERENCES AND NOTES

1 Figures from UK Transplant’s web site, for instance, state that in 2000, although a total of 1823 (cadaveric and live) kidney donations were performed the waiting list at the close of the year had 6284 patients. 709 liver transplants were performed but 175 patients remained on the waiting list. 250 heart or heart/lung transplants were performed but 289 patients were still waiting for a transplant, and 98 lung transplants were performed but 205 patients were still awaiting transplant.


3 For instance, UK Transplant reported on its web site that the number of live kidney donations had risen from 89 in 1991 to 336 in 2000.

4 For example, for kidney donors, major complications for the donor are rare, and the mortality rate is about 0.03%. See: British Medical Association (BMA) Medical Ethics Committee (MEC). Organ donation in the 21st century: time for a consolidated approach. London: BMA, 2000: 10.

5 For example, although liver segments may regenerate, lung segments do not, and donors may suffer from respiratory problems. See: UNOS. Living donation—an overview on the UNOS website www.unos.org.

6 For instance, the Unrelated Live Transplantation Regulatory Authority (ULTRA) is at the time of writing considering the possibility of permitting paired donation and altruistic donation by strangers, and this consideration has been incorporated into the recently announced public consultation on the review of the law governing human tissue transplantation in the UK.

7 See reference 4: 5 where, for instance, it is pointed out that very few of those who die are actually suitable organ donors.


www.jmedethics.com

Solicitation of donation. (Note: This seems to be a reference to a book or article title, which is not further specified in the provided text.)


For more information about the kind of policies required to implement mandated choice, see: Dennis J, Hanson P, Hedge E, et al. An evaluation of the ethics of presumed consent and a proposal based on required response. Washington DC: United Network for Organ Sharing, 1993;


It is, however, expected to be one of the options explored in the public consultation of the review of the law governing the transplantation of human tissue in the UK.


To get around the contradiction inherent in the phrase “compulsory or mandatory donation”, John Harris, in The value of life, London: Routledge, 1985: 119, used the phrase “transplant orders”. We have chosen to stick with the phrase “mandatory donation” because this formulation seems to make it easier for us to contrast mandatory choice and donation. We acknowledge the inherent contradiction in the choice of terms here.


Harris: 1993; 10: 165–73; Harris J, Holm S. If only AIDS were different. Hastings Cent Rep 1993; 23: 6–12; Erin CA. Is there a right to remain in ignorance of HIV status? In: Bennett K, Erin CA, eds. HIV and AIDS: testing, screening and confidentiality. Oxford: Oxford University Press, 1999: 251–66. It should be noted that these papers also argue for or assume reciprocity: compulsory treatment/testing must be matched by a social willingness to help shoulder some of the burdens faced by those who contract the virus.
Modified mandated choice for organ procurement

P Chouhan and H Draper

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