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## **EXPERT COMMENT: Organ transplants: why so many people are put off donating**

Senior Lecturer in Journalism, Gabriel Moreno Esparaza and Professor of Cardiothoracic Surgery and Cardiopulmonary, Stephen Clark, discuss the World Transplant Games and the changes to the organ donation system.

It's well known that there's a worldwide shortage of organ donors. More than [100,000 organ transplants](#) have taken place around the world every year since 2008 but this is way below [what's needed](#).

[In the UK](#), for example, figures show 6,077 people were on the waiting list for

an organ transplant in March 2019. And that 408 people died in the previous 12 months while waiting for a donor.

The number of people signing up to be an organ donor in the UK has gone up for nine years in a row – [reaching 25.3m](#). During 2017-2018, 1,575 people in the UK became organ donors after they died. This was 162 more donors than the previous year, making it the highest year-on-year increase in 28 years. But this is still below rates in other countries. Spain for example, which has the [highest organ donation rate](#) of any country in the world, operates an opt-out system which means that a far greater percentage of its population are eligible to donate their organs.

A standard way of measuring the rate of donation in a country is [per million people](#). Spain has a population of 46.72 million and [figures published for 2017](#) reveal that 2,183 people in Spain became organ donors last year after they died. That's 46.9 donors for every million people living in Spain.

## Tackling the organ shortage

According to NHS Blood and Transplant, 43% of families of potential deceased donors in the UK [refuse to allow donation](#) – and sometimes even overturn the recorded wishes of their loved ones.

But it's hoped this could be about to change, as from spring 2020, organ donation in England will move to an opt-out system. "[Presumed consent](#)", or opt-out donation systems – like in Spain – are seen as [instrumental in increasing the availability of organs](#) around the world. They consider all adults (with some exemptions) to be an organ donor when they die. After [Wales adopted the opt-out system](#) in December 2015, family consent rates increased from 58% to 77%.

But while presumed consent is an important step towards increasing the pool of available organs, it is not a cure all. Indeed, recent small growth in the numbers of [posthumous donation](#) has not resulted in more transplants. According to [NHS Blood and Transplant](#) this is because, "donors are older, more obese, and less likely to have suffered a trauma-related death, all of which have adverse effects on transplant outcomes".

## Transplant athletes

This is where the [World Transplant Games](#), which takes place every two

years, can make a difference, as it gives people who have received an organ transplant the opportunity to compete and showcase their health, but also raises awareness of the power of donation.

The sight of “transplant athletes” shooting arrows at an archery range or taking part in a 30km cycling race is one of the strongest testimonies that can be made to highlight the difference one can make by registering to become a posthumous organ donor.

The 1,500 athletes from 59 countries who will join the games in the North East of England this year will be celebrating their physically active lives, as [83-year old Mike Gibbons](#) will most likely demonstrate 12 years after his kidney transplant. But from the point of view of the organisers the competitions at 13 sports venues are key to raising “public awareness of the importance and benefits of organ donation”.

## **Lasting impact**

The games guarantee positive media coverage of a subject that tends to receive little attention. Indeed, the few studies on the prominence of organ donation in the news have found it [receives a low amount of attention](#) by mainstream television.

Thomas Feeley a professor in the department of communication at the University of Buffalo in the US, suggests that insufficient coverage of organ donation and the tendency people have to filter news content based on political and other preferences [may contribute to knowledge gaps on the subject](#).

It may also account for many people’s [misinformed attitudes toward donation](#) and [distrust in the organ donation process](#). This alongside beliefs such as the so called “[jinx factor](#)” – whereby people believe if they sign up to donate they may be “tempting fate” – along with the “[ick](#)” factor can be enough to put people off donating.

As it stands right now, increasing the pool of posthumous donors is the single most realistic way to tackle the organ shortage. Though this may well change in the future as [evidence suggests](#) the pool of suitable organs could be significantly extended with adequate research and investment in technologies [to repair and transport organs](#) from donors when organ function is not optimal,

Following the 2013 World Transplant Games in Durban, South Africa, organ donors registering online [increased by 30%](#). Now it's hoped a similar effect will be experienced in the UK.

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