

# Innovative strategies needed to address the US transplant organ shortage

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As the United States faces transplant waiting lists that continue to grow longer over time, there is increasing debate about the proper way to incentivize living donations. Transplant professionals are trying to find ways to eliminate any financial disincentives without crossing the line to paying for organs. A new article published in the *American Journal of Transplantation* highlights possible solutions discussed by leaders within the American Society of Transplantation (AST) and the American Society of Transplant Surgeons (ASTS) at a recent workshop.

Due to organ shortages, thousands of Americans are on transplant waiting lists for 5 or more years as their health deteriorates, and more than 1,000 of them die each year. The AST and ASTS leaders have conceived an "arc of change" that starts with immediate work to remove all financial disincentives to organ donation for both living and deceased donors. They also believe that solving the organ shortage will require more action than simply removing disincentives.

"As we follow the arc of change from removing disincentives like loss of wages and travel costs, we must move to considering incentives for donation like health insurance post-donation to ensure the long-term safety of donors," said lead author Daniel Salomon, MD, of The Scripps Research Institute, in La Jolla. "However, when speaking in terms of removing disincentives and considering incentives, there is little agreement on exactly where the line exists separating the two." Dr. Salomon, who helped organize the workshop with Alan Langnas, DO, of the University of Nebraska, noted that it is important to involve a wide

range of stakeholders—including physicians and surgeons, government officials, patients and families, ethicists, and legal scholars—in discussions on how to define that line.

Some individuals may feel that any kind of financial payment, including [health insurance](#) provision, is off the table for ethical reasons or because it could gravely damage the current organ donor process that is based on altruism. Dr. Salomon and his colleagues feel that such viewpoints may be too simplistic, and they would like to see studies designed to cautiously but effectively determine the true potential and impact of incentives of different kinds in the United States. "Which of our current assumptions are true, what innovations will be effective, what unintended consequences (including impacts internationally) will be realized, and what will ultimately be acceptable in legal, ethical and personal terms? Answering these questions should be the purpose of well-designed and critically reviewed pilot projects," they wrote.

An accompanying viewpoint article provides an ethical justification for conducting a pilot study of a federally regulated approach to providing [financial incentives](#) to living kidney donors, with the goal of assessing donors' perceptions. A second accompanying viewpoint, however, states that if human organs become commodities they will most certainly be obtained from the most financially vulnerable in society. Therefore, instead of introducing payments or incentives, the authors believe that the number of organs available for transplantation should be increased only by removing all financial disincentives for [organ donation](#).

**More information:** "AST/ASTS Workshop on Increasing Organ Donation in the United States: Creating an "arc of change" from removing disincentives to testing incentives." Daniel R. Salomon, Alan N. Langnas, Alan I. Reed, Roy D. Bloom, John C. Magee, and Robert S. Gaston, for the AST/ASTS Incentives Workshop Group (IWG). *American Journal of Transplantation*; Published Online: March 31,

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