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Session Title : How to maximize organ utilization in deceased donor for overcoming serious organ shortage

Deceased Donor Kidney Transplantation from ECD

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In the ongoing fight against serious organ shortages, "How to maximize organ utilization in deceased donor for overcoming serious organ shortage" especially when it comes to kidney transplants, it's important to come up with several approaches. This presentation will look at ways to get around these problems, mostly by using the potential of Expanded Criteria Donors (ECD). It also looks at a less-explored way to get around these problems: using kidneys from brain-dead donors who had acute kidney injury (AKI). At first, we look into the chance of using kidneys from donors who have AKI in the process of getting organs. In the past, kidneys with AKI were thought to be less suitable for transplantation. However, more and more data suggest that some kidneys with AKI can get better after transplantation, which would increase the number of donors and save more lives. One of the efforts to maximize organ utilization is the proactive use of ECD allografts with a focus on "old-for-old" fits, since older people can benefit a lot from older donors. Especially older recipients may find it beneficial to receive kidney transplantation from ECD with a comparatively shorter waiting time and to quit hemodialysis. This fits with the growing number of clinical studies that show this method works. Also, another way is about the possibility of dual kidney transplantation, especially from ECDs who are older and/or those who have AKI. By taking advantage of the fact that people have two kidneys, we can increase the number of kidneys that are available. Among the modifiable factors for improving transplantation outcomes, optimal post-transplant management in ECD kidney transplantation, especially in elderly recipients, is one of the supporting strategies in "How to maximize organ utilization in deceased donor for overcoming serious organ shortage". In the context of the serious organ shortage, especially in Korea, this talk aims to maximize organ utilization in deceased donor for overcoming serious organ shortage, accepting ECD and AKI donors, and pushing the limits of organ transplantation. Our goal is to encourage a proactive shift toward maximizing organ use, reducing waiting times, and improving outcomes, all while addressing the serious organ shortage crisis. By doing this, we hope to encourage a more fair and open way of allocating organs, which will save and improve the lives of many people waiting for kidney transplants.