

Kidney Assist-transport

Adding extra ice

Storage of the kidney using the Kidney Assist needs to be done under hypothermic conditions. To obtain hypothermic perfusion ice is used to cool the perfusion solution and the kidney. By continuously measuring the temperature of the circulating fluid the Kidney Assist registers the possible absence of ice.

There are 2 moments when crushed ice needs to be added:

1. During the preparation of the Kidney Assist
2. When the temperature is too high ($>10\text{ }^{\circ}\text{C}$), (you will have a temperature alarm)

Checking ICE level

Ice level too low
Add ICE

Instructions for adding ice:

- Open the carrying bag
- Open the lid of the cooling box
- Add crushed ice till the top of the kidney reservoir (see figure below)

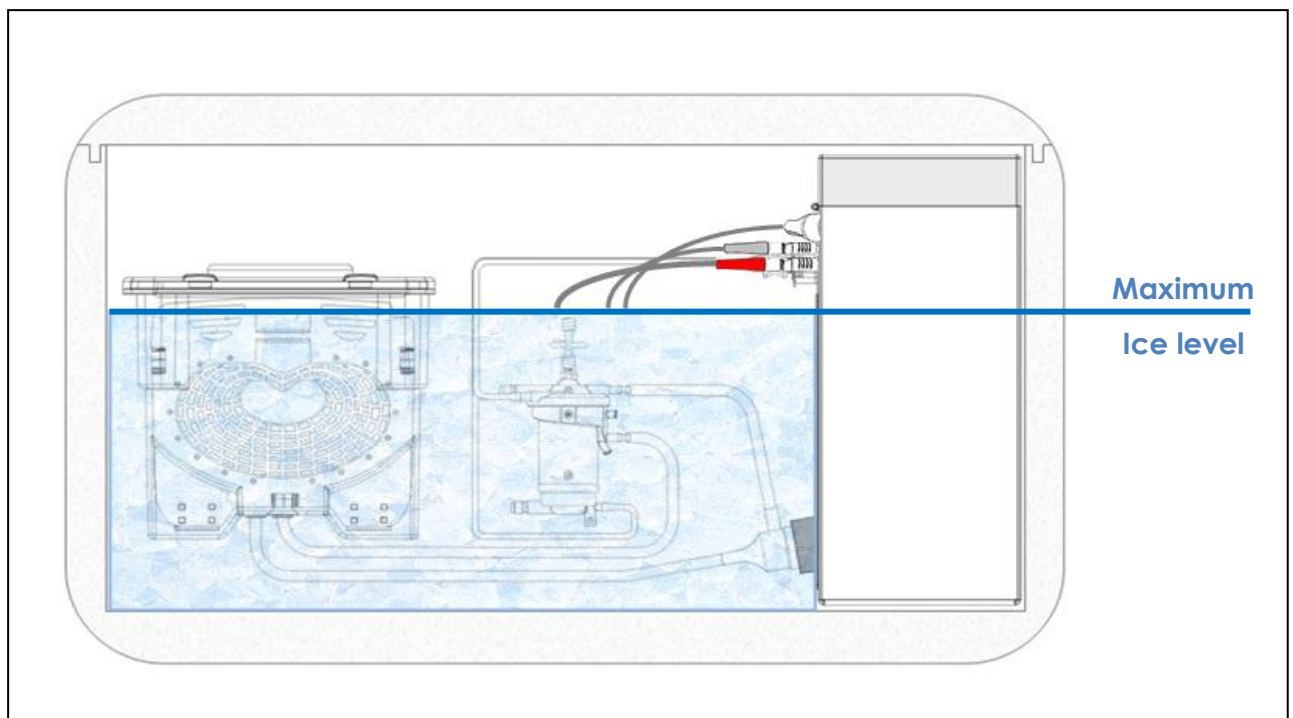


Figure: Maximum ice level

After adding enough ice the system will cool down. At the time the temperature is low enough ($<10\text{ }^{\circ}\text{C}$) the Kidney Assist will let the user proceed to the next step and you can close the cooling box and carrying bag again.