

# The Laboratory Cards

## SET ONE: ORGAN SPRINT CARDS

(For organs such as heart, lungs, liver, kidneys – fast, urgent pathway)

### Identification

Doctors confirm that they cannot save the patient. Donation becomes possible, and the donation specialist team is contacted.

### Eligibility Check

Medical specialists complete rapid checks to confirm whether the organs are safe to donate.

### Family Conversation

The donation specialist speaks with the family to understand the person's wishes and gain final consent.

### Organ Matching

Databases search for the best matches based on urgency, blood type, size, distance, and compatibility.

### Organ Retrieval Team Activated

Specialist surgeons travel to the hospital to carefully retrieve the organs.

### Preservation

Organs are immediately cooled or placed into advanced machines (like the Organ Care System) to keep them functioning.

### Fast Transport

Organs travel quickly via jets, ambulances, or couriers to the transplant centre – the clock is ticking.

### Recipient Preparation

The transplant team prepares the recipient for surgery and confirms the final safety checks.

### Transplant

The organ is transplanted into the recipient, beginning the Gift of Time.



# The Laboratory Cards

## SET TWO: TISSUE MARATHON CARDS

(For tissues such as corneas, skin, bone, tendons, heart valves — slow, careful pathway)

### Identification

Donation becomes possible, and the tissue donation team is notified

### Eligibility Review

Specialists review medical history and complete careful screening to ensure tissues will be safe to use.

### Family Conversation

The donation team respectfully speaks with the family, understanding the person's wishes and gaining consent.

### Tissue Retrieval

Tissues are retrieved carefully and respectfully by specialist technicians.

### Processing & Testing

Tissues undergo detailed laboratory testing for safety, quality, and compatibility.

### Preservation

Tissues are cleaned, treated, and stored — sometimes frozen, sometimes dried, depending on the tissue type.

### Banking

Tissues are stored in a regulated tissue bank and can be kept for months or even years.

### Matching & Allocation

When a patient needs a specific tissue (e.g., a cornea or bone graft), doctors request the right match from the tissue bank.

### Transplant

Tissue is transplanted, restoring sight, movement, protection, or function.

