The Algorithm Cards

These cards are written so each patient has:
a medical urgency factor
a compatibility factor
a time waiting factor
a context factor (but no moral "worth" statements)
enough detail for students to analyse without triggering emotional distress

PATIENT A — "Jordan M."

Age:
15

Condition:
Severe Dilated Cardiomyopathy

Urgency Level:
High

Details:

- Jordan is currently in ICU on a ventricular assist device (VAD).
- The device is keeping their heart pumping, but only temporarily.
- Their condition has suddenly worsened, and doctors estimate days, not weeks left without a transplant.
- Jordan has a rare blood type (AB–).
- They have already been waiting 5 months.

Key Algorithm Factors:

- **Urgency:** Extremely high
- **Compatibility:** Difficult (rare blood type)
- **Time Waiting:** Long
- **Expected Outcomes:** Good long-term prognosis if transplanted soon

The Algorithm Cards

These cards are written so each patient has:
a medical urgency factor
a compatibility factor
a time waiting factor
a context factor (but no moral "worth" statements)
enough detail for students to analyse without triggering emotional distress

PATIENT B — "Amira T."

Age:
32

Condition:
Congenital Heart Disease (post-surgical complications)

Urgency Level:
Moderate

Details:
- Amira's heart function is deteriorating, but she is stable on medication.
- She can move around the ward and complete basic tasks but tires very easily.
- She has a common blood type (O+).
- She has been on the waitlist for 18 months — one of the longest waits on the list.
- Doctors predict a strong recovery if she receives a transplant in the next few months.

Key Algorithm Factors:
- **Urgency:** Moderate
- **Compatibility:** Very good (common blood type)
- **Time Waiting:** Very long
- **Expected Outcomes:** Excellent quality of life post-transplant

The Algorithm Cards

These cards are written so each patient has:
a medical urgency factor
a compatibility factor
a time waiting factor
a context factor (but no moral "worth" statements)
enough detail for students to analyse without triggering emotional distress

PATIENT C — "Riley S."

Age:
45

Condition:
Ischaemic Heart Failure

Urgency Level:
Low–Moderate

Details:
- Riley's condition is serious but stable on medical therapy.
- They can live at home but have frequent hospital admissions for treatment.
- Riley has a compatible blood type (A+).
- They have been on the list for 7 months.
- Doctors believe a transplant would significantly extend life, though recovery may be slower due to other health factors.

Key Algorithm Factors:
- **Urgency:** Lower than A and B
- **Compatibility:** Good
- **Time Waiting:** Medium
- **Expected Outcomes:** Moderate–high benefit