

## DATA BASE RELATIONS

### HOSPITALS

Hospital ID	Name	Street	Number	City	Postcode	Country
1	Cleveland clinic	Euclid Avenue	9500	Cleveland, OH	44195-5108	USA
2	Massachusetts General hospital	Fruit Street	55	Boston, Massachusetts	02114-2696	USA
3	John Hopkins hospital	Orleans Street	1800	Baltimore, MD	21287-2182	USA

### DOCTORS

Doctor ID	Name	Doctor's registration number	Specialization
1	Monica	015879	Cardiology
2	Cristina	235689	Endocrinology
3	Maria	123694	Gastroenterology
4	Rodrigo	125689	Oncology

## PATIENTS

Patient ID	Name	Birth date	Weight	Height	Gender	Pathology	Blood type	Date of addition to the program	Life expectancy	Score	Hospital ID
1	Juan	4/09/1989	80 kg	189	Male	Diabetes	AB+	12/10/2004	2020/09/02	4	1
2	Antonio	24/09/1987	87 kg	190	Male	Skin cancer	B+	4/03/2000	2019/01/01	2	1
3	Maria	6/12/1956	45kg	150	Female	Hepatitis	AB-	6/11/1997	2030/03/03	30	3
4	Cristina	7/05/1974	62kg	165	Female	Coronary arterie disease	AB+	1/03/2005	2030/02/02	1	2
5	Roberto	8/07/1990	70kg	175	Male	Leukemia	O-	17/09/2010	2040/03/03	55	2

### DONORS

Donor ID	Name	Birth date	Weight	Height	Gender	Dead or alive	Blood type
1	José	24/09/1987	56 kg	170	Male	Alive	B-
2	Antonio	6/12/1956	80 kg	185	Male	Dead	AB-
3	Paula	25/09/1994	45 kg	160	Female	Dead	O-

### ORGANS

Organ ID	Name	Weight	Type of donation (total/partial)	Requested organ ID	Donor ID
1	Skin	0.84 kg	Partial	5	1
2	Heart	0.27 kg	Total	2	3
3	Pancreas	0.1 kg	Total	3	2
4	collagen	0.15 kg	Partial (only one)	7	3
5	Bone marrow	500 ml	Partial	4	2

### REQUESTED ORGANS

Requested organ ID	Name	Max_Weight	Min_weight	Patient ID
1	Liver	2 kg	0.75kg	3
2	Heart	0.3 kg	0.25 kg	4
3	Pancreas	0.15 kg	0.07 kg	1
4	Bone marrow	750 ml	200 ml	5
5	Skin	2 kg	0.5 kg	2
6	Pancreas	0.15 kg	0.07 kg	5
7	collagen	0.2 kg	0.1 kg	4
8	Skin	1kg	0.25 kg	2

### ANIMAL TISSUES

Animal ID	Name	Type of tissue	Patient pathology	Time that the organ lasts on
1	Pig	skin	Skin cancer	2019/02/02
2	Pig	collagen	Skin cancer	2020/03/02
3	Baboon	collagen	Broken bone	2030/03/03
4	Sheep	skin	Skin burns	2019/04/05

**DOCTORS/HOSPITALS**

Doctor_id	Hospital_id
1	2
2	2
3	3
2	1
4	1

**DOCTORS/PATIENTS**

Doctor_id	Patient ID
2	1
1	4
3	1
4	2
3	3
2	3
1	5

**REQUESTED\_ORGANS/ANIMALS**

Requested organ ID	Animal ID
8	1
5	1
7	3
8	4
7	2