NR referring to Efretos or New field nomination	short_name	Variable name	Definition	Unit or coding	Allowed values
D1.1:ER	d_id	Donor ER ID	ER ID code, could be the same as used in the National or Regional registry in combination with a country code (ISO code) of the country that delivers the data or determined by Consortium	String	example NL-000001
D1.2	d_gender_birth	Donor Gender at birth	Donor's gender at birth	coded list	- Male - Female - Unknown
D1.3	d_blood_group	Donor Blood Group	Donor's blood group	terminology ET_ABO	- A - B - AB - O
	d_rhesus	Donor Rhesus	Donor Rhesus	terminology ET_RHESUS	- Positive - Negative
D1.4	d_height	Donor Height	Donor's body height	decimal (3.2)	
	d_height_unit	Donor Height unit		unit	- cm - in_i (inch)
D1.5	d_weight	Donor Weight	Donor's body weight	decimal (3.2)	
	d_weight_unit	Donor Weight unit		unit	- kg - lb_av (pound)
D1.6	d_age	Donor Age in Years at Organ Donation	Donor age in years at time of organ donation. For children under the age of two the value will be recorded with an exact first decimal. For all other ages it will be recorded with “0” as the first decimal.	Duration is 8601	-Years and months
		Donor Cause of Death - coded system used		not implemented as pilot is for KI	
D1.7		Donor Cause of Death	Two separate fields: one for coding system used and one for the respective death code	not implemented as pilot is for KI	
D1.8	d_cause_of_death_unified	Unified Cause of Death	For Kidney And Pancreas: ICD-10.	terminology ICD10	
D1.10	d_type	Donor Type	Type of donor	coded list	- DCD - DBD - Living
D1.11	d_malignant_tomour	Malignant tumours in the donor*	Evidence for malignant tumours	coded list	- Evidence for malignant tumours
D1.11	d_malignant_tomour_absence		No information available about malignant tumors	coded list	- No information available about malignant tumors
D1.11	d_malignant_tomour_exclusion		No evidence for malignant tumours	coded list	- No evidence for malignant tumours
D1.12 (D3.24)	d_hla_code	Donor HLA - typing A-B-DR (1-2) antigen	One string only A1, A2, B1, B2, DR1, DR2 either or split is possible	Terminology HLA_nomenclature_2010	
	d_hla_locus	Donor HLA Locus	Locus e.g. HLA-A, HLA-B	Terminology HLA_nomenclature_2010	
New	d_medication_name, d_medication_ever_used	Donor Past history of hypertension	Was the donor treated with anti hypertension drugs	Medication name (string): Medication_ever_used (boolean):	Anti hypertension drugs - True - False

New	d_creat_mass_volume d_creat_moles_volume	Donor Creatinine at time of offer/retrieval	Donor Creatinine at time of offer/retrieval	decimal (3.2)	
	d_creat_mass_volume_unit d_creat_moles_volume_unit	Donor creatinine unit		unit	- Umol/l - mmol/dl - mg/dl
D.2.2	d_cmv_igg	Anti-CMV	IgG	Positive if there is a CMV IgG titer higher than 2 , Non-Reactive, Unknown	Reactive,, Non-Reactive, Unknown
D2.4	d_hiv_ab	HIV (I/II)	Antibodies against Human Immunodificiency virus subtype 1 or 2	Reactive (= if IgG>2), Non-Reactive, Unknown	Reactive,, Non-Reactive, Unknown
D2.8	d_hcv_ab	HCV Ab*	Antibodies against hepatitis C virus	Reactive (= if IgG>2), Non-Reactive, Unknown	Reactive,, Non-Reactive, Unknown
D3.33	d_diabetis_type	Diabetes	Was the the donor diabetic? And what type?	Terminolgy ICD_10_diabetis	
D3.33	d_diabetis_absence		No information available about diabetis	coded list	- No information available about malignant tumors
D3.33	d_diabetis_exclusion		Patient is not diabetic	coded list	- Patient is not diabetic

NR referring to Efretos or New field nomination	short_name	Variable name	Definition	Unit or coding	Allowed values
NEW: ER	r_id	Recipient ER ID	ER ID code, could be the same as used in the National or Regional registry in combination with a country code (ISO code) that delivers the data or determined by Consortium	String	example NL-000001
R1.1	r_gender (from demographics)	Recipient Gender at birth	Patient's Gender at birth	Male, Female, Unknown	- Male - Female - Unknown
R1.2	r_blood_group	Recipient ABO Blood Group	Patient's Blood Group Type	Terminology ET_ABO	- A - B - AB - O
	r_rhesus	Donor Rhesus	Donor Rhesus	terminology ET_RHESUS	- Positive - Negative
R1.3	r_prim_diag_local	Primary Diagnosis	All codings from national registries are stored: one variable describing which coding system(see derived variables) is used and one with the national coding.	string	
R1.4: ER	r_age_at_listing	Recipient age at listing in years	Number of years between date of listing and date of birth	Duration iso 8601	Years and months
R1.5	r_prim_diag_unified	Unified Primary Diagnosis	For kidney and pancreas: ICD-10	terminology ICD10	ICD10
R1.9:ER	r_dial_age_at_first r_dial_age_at_first_unit	Age in years at start of first dialysis	The age the recipient had reached being put on dialysis for the first time, before his first transplantation. For second and third transplantation, this variable is not entered.	decimal (3.1)	unit: yr
NEW	r_dial_time_from_first	Time from first dialysis to waitlisting	Number of days between date first dialysis and date of waitlisting	Duration iso 8601	days
T1.19 (T3.22)	r_hla_code	Recipient's HLA - typing A-B-DR (1-2) antigen	One string only A1, A2, B1, B2, DR1, DR2 either or split is possible	Terminology HLA_nomenclature_2010	
	r_hla_locus	Donor HLA Locus	Locus e.g. HLA-A, HLA-B	Terminology HLA_nomenclature_2010	
R2.1	r_hiv_ab	HIV (I/II) Ab*	Reactive (= if IgG>2), Non-Reactive, Unknown	coded list	- Reactive - Non reactive - Unknown
R2.5	r_hcv_ab	HCV Ab	Reactive (= if IgG>2), Non-Reactive, Unknown	coded list	- Reactive - Non reactive - Unknown
New	r_hbv	HBV	Reactive (= if IgG>2), Non-Reactive, Unknown	coded list	- Reactive - Non reactive - Unknown

New	r_cmv_igg	CMV	Reactive (= if IgG>2), Non-Reactive, Unknown	coded list	- Reactive - Non reactive - Unknown
New	r_dial_tech	Dialysis type	The type of last dialysis used - Hemodialysis (HD) - Peritoneal (PD)	coded list	- HD - PD
New	r_sensitised	Sensitisation before first transplantation		Boolean	- True - False
	r_current_pra_technique	Technique for determining antibodies on which PRA is based			- Luminex - Elisa - DTT - CDC - Other
	r_current_pra r_current_pra_unit	Current PRA (=last value known before transplantation)		Integer / unit	0-100%
	r_highest_pra_technique	Technique for determining antibodies on which PRA is based			- Luminex - Elisa - DTT - CDC - Other
	r_highest_pra r_highest_pra_unit	highest PRA(=last value known before transplantation)		Integer / unit	0-100%

NR referring to Efretos or New field nomination	short_name	Variable name	Definition	Unit or coding	Allowed values
T1.1:ER	tx_id	Transplant ER Number ID	ER ID code, could be the same as used in the National or Regional registry in combination with a country code (ISO code) that delivers the data or determined by Consortium	string	example NL-000001
NEW	d_gender_birth	Recipient ID	ER ID code, could be the same as used in the National or Regional registry in combination with a country code (ISO code) that delivers the data or determined by Consortium	string	example NL-000001
NEW	d_id	Donor ID	ER ID code, could be the same as used in the National or Regional registry in combination with a country code (ISO code) that delivers the data or determined by Consortium	string	example NL-000001
T1.2:ER	r_age_at_transplant	Age in years at transplant	the number of years and months between date of transplant and date of birth	Duration iso 8601	years and months
NEW	tx_time_dialysis_and_transplant	Time from first dialysis to transplant	the number of days between date of first dialissys and date of transplant	Duration iso 8601	days
New	tx_date	Year of transplant		Partial date (Year)	
T1.3	country (from demographics)	Country	Country where recipient is registered as recipient at time of transplant.	ISO-Code 3166	
New	tx_center_id	Centercode	Nationale ISOcode combined with National center code	string	example NL-001
New	tx_pre_emptive_transplant	Preemptive transplantation	Was the patient preemtively transplanted?	coded list	-Yes -No
New	tx_number_previous_kidney	Number of preceeding kidney transplants	How many kidney transplant did the patient have before this transplantation	integer	
T1.7	tx_cold_ischemia_time	Total Ischemic Time HOURS	Time elapsed between the time of clamping of the aorta and the time of declamping. For DCD: Time elapsed between circulatory arrest and the time of declamping.	Duration iso 8601	hours and minutes

T2.11	tx_graft	Type of transplant	Multiple grafts can be added. So two rows for LKI plus RKI transplant or two or more for a multi organ transplant. Alternatively enter only kidney here and use the multi_organ_transplant checkbox to indicate multiple organs were used. LKi, Left Kidney RKi, Right Kidney BKi, Kidney en Bloc WLiv, Whole Liver LLSLiv, Left Lateral Segment ERLLiv, Extended Right Lobe RLLiv, Right Lobe LLLiv, Left Lobe LLiv, Left Split Liver RLiv, Right Split Liver He, Heart BLu, Both Lungs LLu, Left Lung	Terminology graft_v1	-LKi -RKi -BKi -WLiv -LLSLiv -ERLLiv -RLLiv -LLLiv -LLiv -RLiv -He -BLu -LLu -RLu -Pa -In -Ut -Eso -Sm
	tx_graft_id	Graft ID	Nationale ISOcode combined with National graft ID. Only applicable if grafts get their own ID.		
New	tx_multi_organ_transplant	Was the kidney transplanted part of a multi organ transplant	Multi organ, kidney(s) plus any other organ as defined in graft	Boolean	- True - False
	tx_sequence	Sequence of this transplant within the year of transplant (order)	Starting with 1 fro first transplant within the transplant year. Can be left empty if transplant_id is a sequential id.	Integer	
T1.4	htx_id	Historic: Transplant ID	Specification of previous transplant(s). For each of the previous transplants the specification will be required. Multiple historic transplants can be stored. Historic transplants are transplants not registered within the Edith database. ER ID code, could be the same as used in the National or Regional registry in combination with a country code (ISO code) that delivers the data or determined by Consortium	string	example NL-000001
	htx_multi_organ_transplant	Historic: Was the kidney transplanted part of a multi organ transplant	Multi organ, kidney(s) plus any other organ as defined in graft	Boolean	- True - False
	htx_center_id	Historic: Centercode	Nationale ISOcode combined with National center code	string	example NL-001

	htx_graft	Historic: Type of transplant	Multiple grafts can be added. So two rows for LKI plus RKI transplant or two or more for a multi organ transplant. Alternatively enter only kidney here and use the multi_organ_transplant checkbox to indicate multiple organs were used. LKi, Left Kidney RKi, Right Kidney BKi, Kidney en Bloc WLiv, Whole Liver LLSLiv, Left Lateral Segment ERLLiv, Extended Right Lobe RLLiv, Right Lobe LLLiv, Left Lobe LLiv, Left Split Liver RLiv, Right Split Liver He, Heart BLu, Both Lungs LLu, Left Lung	Terminology graft_v1	-LKi -RKi -BKi -WLiv -LLSLiv -ERLLiv -RLLiv -LLLiv -LLiv -RLiv -He -BLu -LLu -RLu -Pa -In -Ut -Eso -Sm
	htx_graft_id	Historic: Graft ID	Nationale ISOcode combined with National graft ID. Only applicable if grafts get their own ID.		
	htx_sequence	Sequence of this transplant within the year of transplant (order)	Starting with 1 fro first transplant within the transplant year. Can be left empty if transplant_id is a sequential id.	integer	

NR referring to Efretos or New field nomination	short_name	name	Definition	Unit or coding	Allowed values
F1.1: ER	r_id	Recipient ER ID	ER ID code, could be the same as used in the National or Regional registry in combination with a country code (ISO code) that delivers the data or determined by Consortium	Alphanumerical code	example NL-000001
	tx_id	Transplant ER Number ID	ER ID code, could be the same as used in the National or Regional registry in combination with a country code (ISO code) that delivers the data or determined by Consortium	string	example NL-000001
T2.11	fup_graft	Type of transplant	Multiple grafts can be added. So two rows for LKI plus RKI transplant or two or more for a multi organ transplant. Alternatively enter only kidney here and use the multi_organ_transplant checkbox to indicate multiple organs were used. LKi, Left Kidney RKi, Right Kidney BKi, Kidney en Bloc WLiv, Whole Liver LLSLiv, Left Lateral Segment ERLLiv, Extended Right Lobe RLLiv, Right Lobe LLLiv, Left Lobe LLiv, Left Split Liver RLiv, Right Split Liver He, Heart BLu, Both Lungs LLu, Left Lung	Terminology graft_v1	-LKi -RKi -BKi -WLiv -LLSLiv -ERLLiv -RLLiv -LLLiv -LLiv -RLiv -He -BLu -LLu -RLu -Pa -In -Ut -Eso -Sm
	fup_graft_id	Graft ID	Nationale ISOcode combined with National graft ID. Only applicable if grafts get their own ID.	string	example NL-000001
	fup_status	Follow-up event for which the follow-up is entered	- Patient Deceased - In Follow-up (normal follow-up) - Lost to Follow-up - Graft Failed	coded list	- Patient Deceased - In Follow-up - Lost to Follow-up - Graft Failed
F1.3, F1.6 and NEW	fup_days_since_transplant	Time (Number of days) between transplantation and follow-up event	Time (Number of days) between transplantation and the date that the recipient was last seen alive	Duration iso 8601	days
F1.4	fup_cause_of_graft_failure_local	Primary Cause of Graft failure		string	
	fup_cause_of_graft_failure_local	Unified Primary Cause of Graft failure	ICD-10	Terminology ICD10	ICD-10
F1.7	fup_cause_of_death_local	Cause of Death	All coding systems are allowed	Death cause code	
F1.8	fup_cause_of_death_unified	Unified Cause of Death	For Kidney and Pancreas: ICD-10	Terminology ICD10	ICD10
F1.9	fup_creat_mass_volume fup_creat_moles_volume	Serum creatinine at date last seen		decimal (3.2)	
	fup_creat_mass_volume_unit fup_creat_moles_volume_unit	Unit of Creatinine at data last seen		unit	- Umol/l - mmol/dl - mg/dl