

# International Intestinal Transplant Registry (IITR)

Codebook ▾

## Data Dictionary Codebook

02/11/2019 7:54pm

#	Variable / Field Name	Field Label <i>Field Note</i>	Field Attributes (Field Type, Validation, Choices, Calculations, etc.)						
Instrument: <b>Transplant id</b> (patient_id)									
1	patient_id	Transplant ID	text						
2	patient_id_complete	Section Header: <i>Form Status</i> Complete?	dropdown <table border="1"> <tr> <td>0</td> <td>Incomplete</td> </tr> <tr> <td>1</td> <td>Unverified</td> </tr> <tr> <td>2</td> <td>Complete</td> </tr> </table>	0	Incomplete	1	Unverified	2	Complete
0	Incomplete								
1	Unverified								
2	Complete								
Instrument: <b>Baseline Transplant Intake Form</b> (irta_registry_intake_form_update_2016)									
3	legacy_id	Intestinal Transplant Registry (ITR) Legacy ID: <i>If available</i>	text Field Annotation: @HIDDEN						
4	ifr_id	Intestinal failure registry ID (please enter the patient ID if the patient was in the intestinal failure registry )	text						
5	unos_id	Recipient UNOS ID	text						
6	srtr_pers_id	SRTR "PERS_ID" <i>srtr unique person id</i>	text Field Annotation: @HIDDEN						
7	srtr_px_id	SRTR "PX_ID" <i>srtr unique transplant id</i>	text Field Annotation: @HIDDEN						
8	srtr_transplant_date	SRTR Transplant Date <i>Transplant date from SRTR files</i>	text (date_mdy) Field Annotation: @HIDDEN-FORM						
9	retransplant	Is this a re-transplant?	yesno <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>0</td> <td>No</td> </tr> </table>	1	Yes	0	No		
1	Yes								
0	No								
10	patient_id2 Show the field ONLY if: [retransplant] = '1'	Patient ID of previous transplant	text						
11	gender	Gender	radio <table border="1"> <tr> <td>1</td> <td>Male</td> </tr> <tr> <td>2</td> <td>Female</td> </tr> </table>	1	Male	2	Female		
1	Male								
2	Female								
12	transplant_date	Date of transplant:	text (date_mdy)						
13	age	Age at transplant (years)	text (number)						
14	height_tx	Height at Transplant (cms)	text (number)						

15	weight_tx	Weight at Transplant (kg) <i>kilograms (kg)</i>	text (number, Min: 0, Max: 150)																								
16	wait_time	Total Wait time (months):	text (number)																								
17	diag1	Section Header: <i>Diagnosis</i> Short Gut (Massive Intestinal Resection)	checkbox <table border="1"> <tr> <td>1</td> <td>diag1__1</td> <td>Volvulus</td> </tr> <tr> <td>2</td> <td>diag1__2</td> <td>Gastroschisis</td> </tr> <tr> <td>3</td> <td>diag1__3</td> <td>Trauma</td> </tr> <tr> <td>4</td> <td>diag1__4</td> <td>Necrotizing Enterocolitis</td> </tr> <tr> <td>5</td> <td>diag1__5</td> <td>Ischemia</td> </tr> <tr> <td>6</td> <td>diag1__6</td> <td>Crohn's Disease</td> </tr> <tr> <td>7</td> <td>diag1__7</td> <td>Intestinal Atresia</td> </tr> <tr> <td>8</td> <td>diag1__8</td> <td>Other</td> </tr> </table>	1	diag1__1	Volvulus	2	diag1__2	Gastroschisis	3	diag1__3	Trauma	4	diag1__4	Necrotizing Enterocolitis	5	diag1__5	Ischemia	6	diag1__6	Crohn's Disease	7	diag1__7	Intestinal Atresia	8	diag1__8	Other
1	diag1__1	Volvulus																									
2	diag1__2	Gastroschisis																									
3	diag1__3	Trauma																									
4	diag1__4	Necrotizing Enterocolitis																									
5	diag1__5	Ischemia																									
6	diag1__6	Crohn's Disease																									
7	diag1__7	Intestinal Atresia																									
8	diag1__8	Other																									
18	diag_1h_desc Show the field ONLY if: [diag1(8)] = '1'	Short gut Other description	text																								
19	diag2	Mucosal defects	checkbox <table border="1"> <tr> <td>1</td> <td>diag2__1</td> <td>Microvillus Inclusion</td> </tr> <tr> <td>2</td> <td>diag2__2</td> <td>Secretory Diarrhea</td> </tr> <tr> <td>3</td> <td>diag2__3</td> <td>Autoimmune Enteritis</td> </tr> <tr> <td>5</td> <td>diag2__5</td> <td>Microvilli Tufting</td> </tr> <tr> <td>4</td> <td>diag2__4</td> <td>Other</td> </tr> </table>	1	diag2__1	Microvillus Inclusion	2	diag2__2	Secretory Diarrhea	3	diag2__3	Autoimmune Enteritis	5	diag2__5	Microvilli Tufting	4	diag2__4	Other									
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5	diag2__5	Microvilli Tufting																									
4	diag2__4	Other																									
20	diag_2d_desc Show the field ONLY if: [diag2(4)] = '1'	Mucosa defects other description	text																								
21	diag3	Motility Disorder	checkbox <table border="1"> <tr> <td>1</td> <td>diag3__1</td> <td>Pseudo-obstruction</td> </tr> <tr> <td>2</td> <td>diag3__2</td> <td>Aganglionosis/Hirschsprungs' disease</td> </tr> <tr> <td>3</td> <td>diag3__3</td> <td>Other</td> </tr> </table>	1	diag3__1	Pseudo-obstruction	2	diag3__2	Aganglionosis/Hirschsprungs' disease	3	diag3__3	Other															
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3	diag3__3	Other																									
22	diag_3f_desc Show the field ONLY if: [diag3(3)] = '1'	Motility disorder other description	text																								
23	diag4	Tumor/Cancer	checkbox <table border="1"> <tr> <td>1</td> <td>diag4__1</td> <td>Desmoid</td> </tr> <tr> <td>2</td> <td>diag4__2</td> <td>Gardner's Disease/Familial Polyposis</td> </tr> <tr> <td>3</td> <td>diag4__3</td> <td>Other</td> </tr> </table>	1	diag4__1	Desmoid	2	diag4__2	Gardner's Disease/Familial Polyposis	3	diag4__3	Other															
1	diag4__1	Desmoid																									
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3	diag4__3	Other																									

24	diag_4c_desc Show the field ONLY if: [diag4(3)] = '1'	Tumor cancer other description	text															
25	diag5	Retransplant	checkbox <table border="1"> <tr> <td>1</td> <td>diag5__1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>diag5__2</td> <td>Other</td> </tr> </table>	1	diag5__1	Yes	2	diag5__2	Other									
1	diag5__1	Yes																
2	diag5__2	Other																
26	diag_5_desc Show the field ONLY if: [diag5(2)] = '1'	Other description	text															
27	donor_type	Section Header: <i>Donor Information</i> Donor type:	radio <table border="1"> <tr> <td>1</td> <td>Living</td> </tr> <tr> <td>2</td> <td>Deceased Donor</td> </tr> </table>	1	Living	2	Deceased Donor											
1	Living																	
2	Deceased Donor																	
28	donor_age	Donor Age (years)	text (number, Min: 1, Max: 120)															
29	preserv_soln	Preservation Solution used	text															
30	abo_compat	ABO Compatability:	radio <table border="1"> <tr> <td>1</td> <td>Identical</td> </tr> <tr> <td>2</td> <td>Compatible</td> </tr> <tr> <td>3</td> <td>Not available</td> </tr> </table>	1	Identical	2	Compatible	3	Not available									
1	Identical																	
2	Compatible																	
3	Not available																	
31	dpt	Donor Pre-Treatment	checkbox <table border="1"> <tr> <td>1</td> <td>dpt__1</td> <td>None</td> </tr> <tr> <td>2</td> <td>dpt__2</td> <td>Anti-lymphocyte Product ATG or ALG</td> </tr> <tr> <td>3</td> <td>dpt__3</td> <td>Graft Irradiation</td> </tr> <tr> <td>4</td> <td>dpt__4</td> <td>IL-2 antagonist: Daclizumanb, Zenapax, Basilizimab Simulect</td> </tr> <tr> <td>5</td> <td>dpt__5</td> <td>Other</td> </tr> </table>	1	dpt__1	None	2	dpt__2	Anti-lymphocyte Product ATG or ALG	3	dpt__3	Graft Irradiation	4	dpt__4	IL-2 antagonist: Daclizumanb, Zenapax, Basilizimab Simulect	5	dpt__5	Other
1	dpt__1	None																
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4	dpt__4	IL-2 antagonist: Daclizumanb, Zenapax, Basilizimab Simulect																
5	dpt__5	Other																
32	dpt_other_desc Show the field ONLY if: [dpt(5)] = '1'	Donor pretreatment other description	text															
33	graft_num	Graft number	radio <table border="1"> <tr> <td>1</td> <td>First Transplant</td> </tr> <tr> <td>2</td> <td>Second Transplant</td> </tr> <tr> <td>3</td> <td>Third Transplant</td> </tr> </table>	1	First Transplant	2	Second Transplant	3	Third Transplant									
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2	Second Transplant																	
3	Third Transplant																	

34	pretxstatus	Status at time of transplant	radio <table border="1"> <tr><td>1</td><td>Home</td></tr> <tr><td>2</td><td>Hospitalized</td></tr> <tr><td>3</td><td>Intensive Care Unit</td></tr> </table>	1	Home	2	Hospitalized	3	Intensive Care Unit																								
1	Home																																
2	Hospitalized																																
3	Intensive Care Unit																																
35	pvdrain	Venous Drainage of Isolated Intestinal Grafts (only):	radio <table border="1"> <tr><td>0</td><td>Systemic</td></tr> <tr><td>1</td><td>Portal</td></tr> </table>	0	Systemic	1	Portal																										
0	Systemic																																
1	Portal																																
36	graft_storage_time	Total Graft Storage Time	text																														
37	nor	Native Organs Resected	checkbox <table border="1"> <tr><td>1</td><td>nor__1</td><td>Stomach</td></tr> <tr><td>2</td><td>nor__2</td><td>Duodenum</td></tr> <tr><td>3</td><td>nor__3</td><td>Pancreas</td></tr> <tr><td>4</td><td>nor__4</td><td>Kidneys</td></tr> <tr><td>5</td><td>nor__5</td><td>Liver</td></tr> <tr><td>6</td><td>nor__6</td><td>Other</td></tr> </table>	1	nor__1	Stomach	2	nor__2	Duodenum	3	nor__3	Pancreas	4	nor__4	Kidneys	5	nor__5	Liver	6	nor__6	Other												
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3	nor__3	Pancreas																															
4	nor__4	Kidneys																															
5	nor__5	Liver																															
6	nor__6	Other																															
38	nor_desc Show the field ONLY if: [nor(6)] = '1'	Native organs resected other description	text																														
39	ot	Organs Transplanted	checkbox <table border="1"> <tr><td>1</td><td>ot__1</td><td>Stomach</td></tr> <tr><td>2</td><td>ot__2</td><td>Duodenum</td></tr> <tr><td>3</td><td>ot__3</td><td>Pancreas</td></tr> <tr><td>4</td><td>ot__4</td><td>Small Bowel</td></tr> <tr><td>5</td><td>ot__5</td><td>Colon</td></tr> <tr><td>6</td><td>ot__6</td><td>Liver</td></tr> <tr><td>7</td><td>ot__7</td><td>Reduced Liver</td></tr> <tr><td>8</td><td>ot__8</td><td>Reduced small bowel</td></tr> <tr><td>9</td><td>ot__9</td><td>Kidney</td></tr> <tr><td>10</td><td>ot__10</td><td>Other</td></tr> </table>	1	ot__1	Stomach	2	ot__2	Duodenum	3	ot__3	Pancreas	4	ot__4	Small Bowel	5	ot__5	Colon	6	ot__6	Liver	7	ot__7	Reduced Liver	8	ot__8	Reduced small bowel	9	ot__9	Kidney	10	ot__10	Other
1	ot__1	Stomach																															
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9	ot__9	Kidney																															
10	ot__10	Other																															
40	ot_other_desc Show the field ONLY if: [ot(10)] = '1'	Organs transplanted Other description	text																														
41	transplant_type	Transplant type:	dropdown <table border="1"> <tr><td>1</td><td>SB</td></tr> <tr><td>2</td><td>SB+LIVER</td></tr> <tr><td>3</td><td>MVT</td></tr> <tr><td>4</td><td>MMVT</td></tr> </table>	1	SB	2	SB+LIVER	3	MVT	4	MMVT																						
1	SB																																
2	SB+LIVER																																
3	MVT																																
4	MMVT																																

42	ii	Induction Immunosuppression	checkbox <table border="1" data-bbox="1044 121 1524 783"> <tr> <td data-bbox="1044 121 1094 170">1</td> <td data-bbox="1094 121 1192 170">ii__1</td> <td data-bbox="1192 121 1524 170">None</td> </tr> <tr> <td data-bbox="1044 170 1094 218">2</td> <td data-bbox="1094 170 1192 218">ii__2</td> <td data-bbox="1192 170 1524 218">Alemtuzumab CamPath</td> </tr> <tr> <td data-bbox="1044 218 1094 306">3</td> <td data-bbox="1094 218 1192 306">ii__3</td> <td data-bbox="1192 218 1524 306">Anti-lymphocyte product ATG or ALG</td> </tr> <tr> <td data-bbox="1044 306 1094 354">4</td> <td data-bbox="1094 306 1192 354">ii__4</td> <td data-bbox="1192 306 1524 354">Bone marrow</td> </tr> <tr> <td data-bbox="1044 354 1094 443">5</td> <td data-bbox="1094 354 1192 443">ii__5</td> <td data-bbox="1192 354 1524 443">Cyclophosphamide Cytosan</td> </tr> <tr> <td data-bbox="1044 443 1094 531">6</td> <td data-bbox="1094 443 1192 531">ii__6</td> <td data-bbox="1192 443 1524 531">Daclizumb, Zenapax basilixmab, Simulect</td> </tr> <tr> <td data-bbox="1044 531 1094 579">7</td> <td data-bbox="1094 531 1192 579">ii__7</td> <td data-bbox="1192 531 1524 579">Bortezomib, Valcade</td> </tr> <tr> <td data-bbox="1044 579 1094 627">8</td> <td data-bbox="1094 579 1192 627">ii__8</td> <td data-bbox="1192 579 1524 627">Eculizumab, Soliris</td> </tr> <tr> <td data-bbox="1044 627 1094 676">9</td> <td data-bbox="1094 627 1192 676">ii__9</td> <td data-bbox="1192 627 1524 676">Rituximab</td> </tr> <tr> <td data-bbox="1044 676 1094 724">10</td> <td data-bbox="1094 676 1192 724">ii__10</td> <td data-bbox="1192 676 1524 724">Belatacept, Nulojix</td> </tr> <tr> <td data-bbox="1044 724 1094 783">11</td> <td data-bbox="1094 724 1192 783">ii__11</td> <td data-bbox="1192 724 1524 783">Other</td> </tr> </table>	1	ii__1	None	2	ii__2	Alemtuzumab CamPath	3	ii__3	Anti-lymphocyte product ATG or ALG	4	ii__4	Bone marrow	5	ii__5	Cyclophosphamide Cytosan	6	ii__6	Daclizumb, Zenapax basilixmab, Simulect	7	ii__7	Bortezomib, Valcade	8	ii__8	Eculizumab, Soliris	9	ii__9	Rituximab	10	ii__10	Belatacept, Nulojix	11	ii__11	Other
1	ii__1	None																																		
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10	ii__10	Belatacept, Nulojix																																		
11	ii__11	Other																																		
43	ii_other Show the field ONLY if: [ii(11)] = '1'	Induction immunosuppression other	text																																	

44	mi	Maintenance Immunosuppression	checkbox <table border="1" data-bbox="1045 121 1523 1276"> <tr> <td>1</td> <td>mi__1</td> <td>None</td> </tr> <tr> <td>2</td> <td>mi__2</td> <td>Anti-lymphocyte product ATG or ALG</td> </tr> <tr> <td>3</td> <td>mi__3</td> <td>Mycophenolate Mofetil CellCept /Myfortic</td> </tr> <tr> <td>4</td> <td>mi__4</td> <td>deoxyspergualin</td> </tr> <tr> <td>5</td> <td>mi__5</td> <td>FK-506-Tracrolimus Prograf</td> </tr> <tr> <td>6</td> <td>mi__6</td> <td>Orthoclone OKT3 Muromonab-CD3</td> </tr> <tr> <td>7</td> <td>mi__7</td> <td>Cyclophosphamide Cytosan</td> </tr> <tr> <td>8</td> <td>mi__8</td> <td>Alemtuzumab CamPath</td> </tr> <tr> <td>9</td> <td>mi__9</td> <td>Cyclosporine-Sandimmune Sandimmune Neoral</td> </tr> <tr> <td>10</td> <td>mi__10</td> <td>Prednisone Solu-Medrol Solu-Cortef</td> </tr> <tr> <td>11</td> <td>mi__11</td> <td>Rapamycin, sirolimus, Rapamune, SDZ RAD</td> </tr> <tr> <td>12</td> <td>mi__12</td> <td>Bone Marrow</td> </tr> <tr> <td>13</td> <td>mi__13</td> <td>Azathioprine Imuran</td> </tr> <tr> <td>14</td> <td>mi__14</td> <td>Daclizumb, Zenapax basilixmab, Simulect</td> </tr> <tr> <td>15</td> <td>mi__15</td> <td>Everolimus, Afinitor</td> </tr> <tr> <td>16</td> <td>mi__16</td> <td>Other</td> </tr> </table>	1	mi__1	None	2	mi__2	Anti-lymphocyte product ATG or ALG	3	mi__3	Mycophenolate Mofetil CellCept /Myfortic	4	mi__4	deoxyspergualin	5	mi__5	FK-506-Tracrolimus Prograf	6	mi__6	Orthoclone OKT3 Muromonab-CD3	7	mi__7	Cyclophosphamide Cytosan	8	mi__8	Alemtuzumab CamPath	9	mi__9	Cyclosporine-Sandimmune Sandimmune Neoral	10	mi__10	Prednisone Solu-Medrol Solu-Cortef	11	mi__11	Rapamycin, sirolimus, Rapamune, SDZ RAD	12	mi__12	Bone Marrow	13	mi__13	Azathioprine Imuran	14	mi__14	Daclizumb, Zenapax basilixmab, Simulect	15	mi__15	Everolimus, Afinitor	16	mi__16	Other
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16	mi__16	Other																																																	
45	mi_other_desc Show the field ONLY if: [mi(16)] = '1'	Maintenance Immunosuppression other description	text																																																
46	rej1styn	Rejection prior to discharge	radio <table border="1" data-bbox="1045 1501 1295 1654"> <tr> <td>1</td> <td>No rejection</td> </tr> <tr> <td>2</td> <td>Mild Rejection</td> </tr> <tr> <td>3</td> <td>Severe Rejection</td> </tr> </table>	1	No rejection	2	Mild Rejection	3	Severe Rejection																																										
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47	rej1stdate	Date of Rejection	text (date_mdy)																																																

48	rej1sttreat	Treatment:	radio <table border="1"> <tr><td>1</td><td>Steroids</td></tr> <tr><td>2</td><td>Thymoglobulin</td></tr> <tr><td>3</td><td>Rituximab</td></tr> <tr><td>4</td><td>Bortezomib</td></tr> <tr><td>5</td><td>Cellcept</td></tr> <tr><td>6</td><td>IVIG</td></tr> <tr><td>7</td><td>Other</td></tr> <tr><td>8</td><td></td></tr> </table>	1	Steroids	2	Thymoglobulin	3	Rituximab	4	Bortezomib	5	Cellcept	6	IVIG	7	Other	8	
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5	Cellcept																		
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7	Other																		
8																			
49	rej1sttreat_desc Show the field ONLY if: [rej1sttreat] = '7'	Other treatment description	text																
50	pt_status	Discharge Status:	radio <table border="1"> <tr><td>1</td><td>Discharged</td></tr> <tr><td>2</td><td>Still In-Patient</td></tr> <tr><td>3</td><td>Died in Hospital</td></tr> </table>	1	Discharged	2	Still In-Patient	3	Died in Hospital										
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2	Still In-Patient																		
3	Died in Hospital																		
51	discharge_date	Date of Discharge	text (date_mdy)																
52	srtr_discharge_date	SRTR Date of Discharge	text (date_mdy) Field Annotation: @HIDDEN-FORM																
53	length_of_hospitalization	Length of Transplant Hospitalization: <i>days</i>	text (number)																
54	irta_registry_intake_form_update_2016_complete	Section Header: <i>Form Status</i> Complete?	dropdown <table border="1"> <tr><td>0</td><td>Incomplete</td></tr> <tr><td>1</td><td>Unverified</td></tr> <tr><td>2</td><td>Complete</td></tr> </table>	0	Incomplete	1	Unverified	2	Complete										
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2	Complete																		
Instrument: <b>CMV/EBV Serostatus Form</b> (cmvebv_intake_form)																			
55	cmvsero_d	Section Header: <i>Donor Serostatus</i> CMV serostatus of DONOR <i>Was the donor positive for CMV?</i>	radio <table border="1"> <tr><td>0</td><td>Negative</td></tr> <tr><td>1</td><td>Positive</td></tr> <tr><td>99</td><td>Not available</td></tr> </table>	0	Negative	1	Positive	99	Not available										
0	Negative																		
1	Positive																		
99	Not available																		
56	ebvsero_d	EBV serostatus of DONOR	radio <table border="1"> <tr><td>0</td><td>Negative</td></tr> <tr><td>1</td><td>Positive</td></tr> <tr><td>99</td><td>Not available</td></tr> </table>	0	Negative	1	Positive	99	Not available										
0	Negative																		
1	Positive																		
99	Not available																		

57	cmvsero_r	Section Header: <i>Recipient Serostatus</i> CMV serostatus of RECIPIENT <i>Was the recipient positive for CMV prior to transplant?</i>	radio <table border="1"> <tr><td>0</td><td>Negative</td></tr> <tr><td>1</td><td>Positive</td></tr> <tr><td>99</td><td>Not available</td></tr> </table>	0	Negative	1	Positive	99	Not available				
0	Negative												
1	Positive												
99	Not available												
58	ebvsero_r	EBV serostatus of RECIPIENT <i>Was the recipient positive for EBV (EBV IgG positive) prior to transplant?</i>	radio <table border="1"> <tr><td>0</td><td>Negative</td></tr> <tr><td>1</td><td>Positive</td></tr> <tr><td>99</td><td>Not available</td></tr> </table>	0	Negative	1	Positive	99	Not available				
0	Negative												
1	Positive												
99	Not available												
59	cmv_strategy	Section Header: <i>CMV monitoring and prophylaxis</i> CMV Preventative Strategy	radio <table border="1"> <tr><td>1</td><td>Preemptive (monitoring without prophylaxis)</td></tr> <tr><td>2</td><td>Universal prophylaxis</td></tr> <tr><td>3</td><td>Universal prophylaxis followed by preemptive</td></tr> <tr><td>4</td><td>None</td></tr> </table>	1	Preemptive (monitoring without prophylaxis)	2	Universal prophylaxis	3	Universal prophylaxis followed by preemptive	4	None		
1	Preemptive (monitoring without prophylaxis)												
2	Universal prophylaxis												
3	Universal prophylaxis followed by preemptive												
4	None												
60	cmv_monitor_freq Show the field ONLY if: [cmv_strategy] = '3' or [cmv_strategy] = '1'	Describe the frequency of CMV monitoring in preemptive strategy	text										
61	cmv_monitor_dur Show the field ONLY if: [cmv_strategy] = '1' or [cmv_strategy] = '3'	Describe the duration (in months) of CMV monitoring in preemptive strategy	text (number)										
62	cmv_pro_tx Show the field ONLY if: [cmv_strategy] = '2' or [cmv_strategy] = '3'	Medication used for CMV prophylaxis	radio <table border="1"> <tr><td>1</td><td>ganciclovir</td></tr> <tr><td>2</td><td>valganciclovir</td></tr> <tr><td>3</td><td>acyclovir</td></tr> <tr><td>4</td><td>valacyclovir</td></tr> <tr><td>98</td><td>other</td></tr> </table>	1	ganciclovir	2	valganciclovir	3	acyclovir	4	valacyclovir	98	other
1	ganciclovir												
2	valganciclovir												
3	acyclovir												
4	valacyclovir												
98	other												
63	cmv_pro_other Show the field ONLY if: [cmv_pro_tx] = '98'	Other CMV prophylaxis agent used	text										
64	cmvebv_intake_form_complete	Section Header: <i>Form Status</i> Complete?	dropdown <table border="1"> <tr><td>0</td><td>Incomplete</td></tr> <tr><td>1</td><td>Unverified</td></tr> <tr><td>2</td><td>Complete</td></tr> </table>	0	Incomplete	1	Unverified	2	Complete				
0	Incomplete												
1	Unverified												
2	Complete												
Instrument: <b>Transplant Follow Up Form</b> (transplant_follow_up_form)													



65	followup_date	Date of Follow-up	text (date_mdy)										
66	patient_status	<p>Section Header: <i>Patient Status</i></p> <p>What is the status of the patient and transplant at this follow up?</p> <p><i>NOTE: If the patient died, now has partial graft function, or the graft was removed please fill out the following 2 forms: 1) "Graft Removal /Death" &amp; 2) "Last Day of Follow-up with Full Function"</i></p>	<p>radio</p> <table border="1"> <tr> <td>0</td> <td>Patient is ALIVE and the GRAFT IS FUNCTIONING (Full or Partial) - (If Partial Function please fill out: "Last Date of Follow-up with Function" form</td> </tr> <tr> <td>1</td> <td>Patient DECEASED (additional forms need to be filled out - please see NOTE)</td> </tr> <tr> <td>2</td> <td>GRAFT REMOVED but still alive (additional forms need to be filled out - please see NOTE)</td> </tr> <tr> <td>3</td> <td>Lost to follow-up (Please also fill out the: Last Day of Follow-up with Full Function)</td> </tr> <tr> <td>4</td> <td>Transferred to other centre</td> </tr> </table> <p>Field Annotation: @HIDDEN</p>	0	Patient is ALIVE and the GRAFT IS FUNCTIONING (Full or Partial) - (If Partial Function please fill out: "Last Date of Follow-up with Function" form	1	Patient DECEASED (additional forms need to be filled out - please see NOTE)	2	GRAFT REMOVED but still alive (additional forms need to be filled out - please see NOTE)	3	Lost to follow-up (Please also fill out the: Last Day of Follow-up with Full Function)	4	Transferred to other centre
0	Patient is ALIVE and the GRAFT IS FUNCTIONING (Full or Partial) - (If Partial Function please fill out: "Last Date of Follow-up with Function" form												
1	Patient DECEASED (additional forms need to be filled out - please see NOTE)												
2	GRAFT REMOVED but still alive (additional forms need to be filled out - please see NOTE)												
3	Lost to follow-up (Please also fill out the: Last Day of Follow-up with Full Function)												
4	Transferred to other centre												
67	lost_transfer	Is the patient Lost to follow-up or has the care been transferred to another center?	<p>yesno</p> <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>0</td> <td>No</td> </tr> </table>	1	Yes	0	No						
1	Yes												
0	No												
68	lost_date	Lost to Follow-Up (or Transfer of Care) Date	text (date_mdy)										
	Show the field ONLY if: [lost_transfer] = '1'												
69	graft_function	Current Graft Function	<p>radio</p> <table border="1"> <tr> <td>1</td> <td>Full Function (no PN or IV Fluids)</td> </tr> <tr> <td>2</td> <td>Partial Function (IV Fluids Required but no Parenteral Nutrition)</td> </tr> <tr> <td>3</td> <td>Partial/No Function (Requires some or total Parenteral Nutrition)</td> </tr> <tr> <td>4</td> <td>Unknown</td> </tr> </table>	1	Full Function (no PN or IV Fluids)	2	Partial Function (IV Fluids Required but no Parenteral Nutrition)	3	Partial/No Function (Requires some or total Parenteral Nutrition)	4	Unknown		
1	Full Function (no PN or IV Fluids)												
2	Partial Function (IV Fluids Required but no Parenteral Nutrition)												
3	Partial/No Function (Requires some or total Parenteral Nutrition)												
4	Unknown												
70	patient_status_score	Modified Karnofsky Performance Score	<p>radio</p> <table border="1"> <tr> <td>1</td> <td>90%-100%: Well or minor symptoms. Resumed normal activities.</td> </tr> <tr> <td>2</td> <td>61%-89%: Able to care for self as appropriate for age, but unable to resume normal activities</td> </tr> <tr> <td>3</td> <td>31%-60%: Requires significant assistance. Home bound.</td> </tr> <tr> <td>4</td> <td>1%-30%: Hospital bound.</td> </tr> <tr> <td>5</td> <td>Unknown</td> </tr> </table>	1	90%-100%: Well or minor symptoms. Resumed normal activities.	2	61%-89%: Able to care for self as appropriate for age, but unable to resume normal activities	3	31%-60%: Requires significant assistance. Home bound.	4	1%-30%: Hospital bound.	5	Unknown
1	90%-100%: Well or minor symptoms. Resumed normal activities.												
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3	31%-60%: Requires significant assistance. Home bound.												
4	1%-30%: Hospital bound.												
5	Unknown												

71	rrt_dial	Section Header: <i>Dialysis / Renal Replacement Therapy</i> Since the last follow-up has the patient on renal replacement therapy, dialysis, or received a kidney transplant ?	yesno <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>0</td> <td>No</td> </tr> </table>	1	Yes	0	No		
1	Yes								
0	No								
72	dialysis Show the field ONLY if: [rrt_dial] = '1'	Dialysis	yesno <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>0</td> <td>No</td> </tr> </table>	1	Yes	0	No		
1	Yes								
0	No								
73	dialysis_date Show the field ONLY if: [dialysis] = '1'	Dialysis date:	text (date_mdy)						
74	kidney Show the field ONLY if: [rrt_dial] = '1'	Kidney Transplant	yesno <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>0</td> <td>No</td> </tr> </table>	1	Yes	0	No		
1	Yes								
0	No								
75	kidney_transplant_date Show the field ONLY if: [kidney] = '1'	Kidney transplant date	text (date_mdy)						
76	mnt	Section Header: <i>What is the current immunosuppression?</i> What is the immunosuppression regimen as of the last follow-up appointment?	radio <table border="1"> <tr> <td>1</td> <td>Early failure before maintenance immunosuppressive therapy was started</td> </tr> <tr> <td>2</td> <td>No maintenance immunosuppression</td> </tr> <tr> <td>3</td> <td>The patient was on immunosuppression</td> </tr> </table> Custom alignment: LV	1	Early failure before maintenance immunosuppressive therapy was started	2	No maintenance immunosuppression	3	The patient was on immunosuppression
1	Early failure before maintenance immunosuppressive therapy was started								
2	No maintenance immunosuppression								
3	The patient was on immunosuppression								
77	mnt_fk506 Show the field ONLY if: [mnt] = '3'	Tacrolimus (FK506 or Prograf)	radio (Matrix) <table border="1"> <tr> <td>0</td> <td>No</td> </tr> <tr> <td>1</td> <td>Yes</td> </tr> </table>	0	No	1	Yes		
0	No								
1	Yes								
78	mnt_tacrolimus_qd Show the field ONLY if: [mnt] = '3'	Once-daily tacrolimus (Envarsus, Advagraf)	radio (Matrix) <table border="1"> <tr> <td>0</td> <td>No</td> </tr> <tr> <td>1</td> <td>Yes</td> </tr> </table>	0	No	1	Yes		
0	No								
1	Yes								
79	mnt_cya Show the field ONLY if: [mnt] = '3'	Cyclosporine (Sandimmune, Neoral)	radio (Matrix) <table border="1"> <tr> <td>0</td> <td>No</td> </tr> <tr> <td>1</td> <td>Yes</td> </tr> </table>	0	No	1	Yes		
0	No								
1	Yes								

80	mnt_cellcept Show the field ONLY if: [mnt] = '3'	Mycophenolate (MMF, MPA, Cellcept)	radio (Matrix) 0 No 1 Yes
81	mnt_aza Show the field ONLY if: [mnt] = '3'	Azathioprine (Imuran)	radio (Matrix) 0 No 1 Yes
82	mnt_rapamycn Show the field ONLY if: [mnt] = '3'	Sirolimus (rapamycin, rapamune, SFZ, RAD)	radio (Matrix) 0 No 1 Yes
83	mnt_everolimus Show the field ONLY if: [mnt] = '3'	Everolimus (Afinitor)	radio (Matrix) 0 No 1 Yes
84	mnt_deoxyspergualin Show the field ONLY if: [mnt] = '3'	Deoxyspergualin	radio (Matrix) 0 No 1 Yes
85	mnt_pred Show the field ONLY if: [mnt] = '3'	Prednisone (or other corticosteroids)	radio (Matrix) 0 No 1 Yes
86	mnt_other Show the field ONLY if: [mnt] = '3'	Other	radio (Matrix) 0 No 1 Yes
87	mnt_other_desc Show the field ONLY if: [mnt_other] = 'Y'	Maintenance other description	text
88	lymph_disease_ebv	Section Header: <i>In the last 12 months has the patient had EBV viremia and/or lymphoproliferative disease (PTLD) ?</i> Did the patient have EBV Viremia (EBV PCR positive) in the last 12 months? <i>this includes new cases and unresolved cases from the previous year</i>	radio 0 No 1 Yes 98 Unknown
89	ebv_viremia Show the field ONLY if: [lymph_disease_ebv] = '1'	Date of first EBV viremia	text (date_mdy)
90	lymph_disease	Lymphoproliferative Disease	radio 0 No 1 Yes

91	ptld_date Show the field ONLY if: [lymph_disease] = '1'	Date of PTLD diagnosis	text (date_mdy)																				
92	lymph_disease_status Show the field ONLY if: [lymph_disease] = '1'	Status of PTLD	radio <table border="1"> <tr> <td>1</td> <td>Resolved</td> </tr> <tr> <td>2</td> <td>Ongoing</td> </tr> <tr> <td>3</td> <td>Died</td> </tr> </table>	1	Resolved	2	Ongoing	3	Died														
1	Resolved																						
2	Ongoing																						
3	Died																						
93	lymph_disease_loc Show the field ONLY if: [lymph_disease] = '1'	Site of PTLD:	checkbox <table border="1"> <tr> <td>1</td> <td>lymph_disease_loc__1</td> <td>Lymph Node</td> </tr> <tr> <td>2</td> <td>lymph_disease_loc__2</td> <td>GI Native</td> </tr> <tr> <td>3</td> <td>lymph_disease_loc__3</td> <td>GI Transplanted</td> </tr> <tr> <td>4</td> <td>lymph_disease_loc__4</td> <td>Lung</td> </tr> <tr> <td>5</td> <td>lymph_disease_loc__5</td> <td>CNS</td> </tr> <tr> <td>6</td> <td>lymph_disease_loc__6</td> <td>Other</td> </tr> </table>	1	lymph_disease_loc__1	Lymph Node	2	lymph_disease_loc__2	GI Native	3	lymph_disease_loc__3	GI Transplanted	4	lymph_disease_loc__4	Lung	5	lymph_disease_loc__5	CNS	6	lymph_disease_loc__6	Other		
1	lymph_disease_loc__1	Lymph Node																					
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4	lymph_disease_loc__4	Lung																					
5	lymph_disease_loc__5	CNS																					
6	lymph_disease_loc__6	Other																					
94	lymph_other_desc Show the field ONLY if: [lymph_disease_loc(6)] = '1'	Other site of PTLD	text																				
95	who_ptld	WHO Classification of PTLD	radio <table border="1"> <tr> <td>1</td> <td>Early Lesions (morphologic appearance of hyperplasia or Infectious mononucleosis-like lesion)</td> </tr> <tr> <td>2</td> <td>Polymorphic PTLD</td> </tr> <tr> <td>3</td> <td>Diffuse large B cell lymphoma</td> </tr> <tr> <td>4</td> <td>Burkitt lymphoma</td> </tr> <tr> <td>5</td> <td>Plasma cell myeloma</td> </tr> <tr> <td>6</td> <td>Plasmacytoma-like lesion</td> </tr> <tr> <td>7</td> <td>Peripheral T cell lymphoma, Not otherwise specified</td> </tr> <tr> <td>8</td> <td>Hepatosplenic T cell lymphoma</td> </tr> <tr> <td>9</td> <td>Classical Hodgkin lymphoma type PTLD</td> </tr> <tr> <td>98</td> <td>Other (please specify below)</td> </tr> </table>	1	Early Lesions (morphologic appearance of hyperplasia or Infectious mononucleosis-like lesion)	2	Polymorphic PTLD	3	Diffuse large B cell lymphoma	4	Burkitt lymphoma	5	Plasma cell myeloma	6	Plasmacytoma-like lesion	7	Peripheral T cell lymphoma, Not otherwise specified	8	Hepatosplenic T cell lymphoma	9	Classical Hodgkin lymphoma type PTLD	98	Other (please specify below)
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8	Hepatosplenic T cell lymphoma																						
9	Classical Hodgkin lymphoma type PTLD																						
98	Other (please specify below)																						
96	who_ptldother Show the field ONLY if: [who_ptld] = '98'	Other classification of PTLD	text																				

97	ptld_onc_consult Show the field ONLY if: [lymph_disease] = '1'	Was an oncologist consulted?	yesno <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>0</td> <td>No</td> </tr> </table>	1	Yes	0	No										
1	Yes																
0	No																
98	ptld_treatment Show the field ONLY if: [lymph_disease] = '1' or [lymph_disease_ebv] = '1'	Please list the treatment regimen <i>List either full drug names OR acronyms (i.e. CHOP, Hyper_CVAD, etc)</i>	text														
99	cmv_infection	Section Header: <i>CMV Infection</i> Did the patient have a CMV Infection (any viremia, syndrome, tissue-invasive disease) in the last 12 months?	yesno <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>0</td> <td>No</td> </tr> </table>	1	Yes	0	No										
1	Yes																
0	No																
100	cmv_infectiontype Show the field ONLY if: [cmv_infection] = '1'	Type of CMV infection	radio <table border="1"> <tr> <td>1</td> <td>Asymptomatic CMV infection</td> </tr> <tr> <td>2</td> <td>CMV syndrome</td> </tr> <tr> <td>3</td> <td>CMV tissue-invasive disease (organ involved)</td> </tr> </table>	1	Asymptomatic CMV infection	2	CMV syndrome	3	CMV tissue-invasive disease (organ involved)								
1	Asymptomatic CMV infection																
2	CMV syndrome																
3	CMV tissue-invasive disease (organ involved)																
101	cmv_treatment Show the field ONLY if: [cmv_infection] = '1'	Treatment used for CMV infection?	radio <table border="1"> <tr> <td>1</td> <td>ganciclovir</td> </tr> <tr> <td>2</td> <td>valganciclovir</td> </tr> <tr> <td>3</td> <td>foscarnet</td> </tr> <tr> <td>4</td> <td>cidofovir</td> </tr> <tr> <td>5</td> <td>CMX001</td> </tr> <tr> <td>6</td> <td>maribavir</td> </tr> <tr> <td>98</td> <td>other</td> </tr> </table>	1	ganciclovir	2	valganciclovir	3	foscarnet	4	cidofovir	5	CMX001	6	maribavir	98	other
1	ganciclovir																
2	valganciclovir																
3	foscarnet																
4	cidofovir																
5	CMX001																
6	maribavir																
98	other																
102	cmv_treatment_other Show the field ONLY if: [cmv_treatment] = '98'	Other type of CMV treatment	text														
103	cmv_hyperigg_treatment Show the field ONLY if: [cmv_infection] = '1'	Administration of CMV hyperimmune globulin for CMV infection treatment ?	yesno <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>0</td> <td>No</td> </tr> </table>	1	Yes	0	No										
1	Yes																
0	No																
104	cmv_second_prophy Show the field ONLY if: [cmv_infection] = '1'	Length (in months) of secondary prophylaxis for CMV (after infection) <i>Mark with "0" if none</i>	text														

105	num_hosp	Section Header: <i>Below list the Number of Hospitalization per each cause in the last 12 months. (The numbers of all causes below must add to total re-admissions)</i>  How many hospitalizations has the patient had during the past 12 months?	text (number)
106	aar  Show the field ONLY if: [num_hosp] > 0	Acute Allograft Rejections	text (number)
107	infection  Show the field ONLY if: [num_hosp] > 0	Infections (non PTLD)	text (number)
108	ptld  Show the field ONLY if: [num_hosp] > 0	PTLD	text (number)
109	stoma_closure  Show the field ONLY if: [num_hosp] > 0	Stoma Closure	text (number)
110	wound_closure  Show the field ONLY if: [num_hosp] > 0	Wound Closure or other elective	text (number)
111	partial_graft_resection  Show the field ONLY if: [num_hosp] > 0	Emergent: Partial Graft resection	text (number)
112	enterectomy  Show the field ONLY if: [num_hosp] > 0	Emergent: total enterectomy	text (number)
113	other_transplant  Show the field ONLY if: [num_hosp] > 0	Other Transplant (i.e. Renal)	text (number)
114	exploratory_laparotomy  Show the field ONLY if: [num_hosp] > 0	Exploratory Laparotomy	text (number)
115	electrolyte_disturbance	Electrolyte Disturbance	text (number)

116	gi_cause Show the field ONLY if: [num_hosp] > 0	GI Cause	text (number)						
117	other_hosp_count Show the field ONLY if: [num_hosp] > 0	Other (specify)	text						
118	paf_albumin	Section Header: <i>Current Nutritional Ancillary Information</i> Serum Albumin (g/dl)	text (number)						
119	paf_creat_mgdl	serum creatinine(mg/dL)	text (number)						
120	paf_creat_umol	Serum Creatinine (umol/L)	text (number)						
121	height_transplant	Height at time of transplant (cm) <i>**if not entered in the transplant form</i>	text (number)						
122	weight_transplant	Weight at time of transplant (kg) <i>**if not entered in the transplant form</i>	text (number)						
123	last_height_weight	Date of last height and weight:	text (date_mdy)						
124	paf_height	Current patient height (cm)	text (number)						
125	paf_weight	Current patient weight (kg):	text (number)						
126	paf_insulin	Section Header: <i>Other medication use</i> Insulin Use:	yesno <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>0</td> <td>No</td> </tr> </table>	1	Yes	0	No		
1	Yes								
0	No								
127	paf_anti_hyper	Current use of Anti-Hypertensives:	yesno <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>0</td> <td>No</td> </tr> </table>	1	Yes	0	No		
1	Yes								
0	No								
128	paf_anti_glycemic	Current use of Anti-Glycemic Agents:	yesno <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>0</td> <td>No</td> </tr> </table>	1	Yes	0	No		
1	Yes								
0	No								
129	gen_comments	General Patient Comments	text						
130	transplant_follow_up_form_complete	Section Header: <i>Form Status</i> Complete?	dropdown <table border="1"> <tr> <td>0</td> <td>Incomplete</td> </tr> <tr> <td>1</td> <td>Unverified</td> </tr> <tr> <td>2</td> <td>Complete</td> </tr> </table>	0	Incomplete	1	Unverified	2	Complete
0	Incomplete								
1	Unverified								
2	Complete								
Instrument: <b>Recipient HLA Typing Form</b> (recipient_hla_typing_form)									
131	doc_recipient	Date of Completion:	text (date_mdy)						
132	other_centre	Other Centre Specific Identifying information (Optional):	text						

133	r_typing	Section Header: <i>HLA Typing - Recipient (note that you need 2 fields for each locus)</i> Serologic or Molecular Typing? (choose one - molecular preferred)	radio <table border="1"> <tr> <td>1</td> <td>Serologic typing data (ex. A2, DR4, DQ5)</td> </tr> <tr> <td>2</td> <td>Molecular typing data (ex. A*0201, DRB1*0402, DQB1*0502)</td> </tr> </table>	1	Serologic typing data (ex. A2, DR4, DQ5)	2	Molecular typing data (ex. A*0201, DRB1*0402, DQB1*0502)
1	Serologic typing data (ex. A2, DR4, DQ5)						
2	Molecular typing data (ex. A*0201, DRB1*0402, DQB1*0502)						
134	a1	A-locus #1 <i>example: please enter A*0201 as 0201 (molecular) or 2 (serologic)</i>	text, Required				
135	a2	A-locus #2 <i>example: please enter A*0201 as 0201 (molecular) or 2 (serologic)</i>	text, Required				
136	b1	B-locus #1 <i>example: please enter B*4501 as 4501 (molecular) or 45 (serologic)</i>	text, Required				
137	b2	B-locus #2 <i>example: please enter B*4501 as 4501 (molecular) or 45 (serologic)</i>	text, Required				
138	rbw_avail	Is Bw locus information available?	yesno, Required <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>0</td> <td>No</td> </tr> </table>	1	Yes	0	No
1	Yes						
0	No						
139	bw1 Show the field ONLY if: [rbw_avail] = '1'	Bw-locus #1	text				
140	bw2 Show the field ONLY if: [rbw_avail] = '1'	Bw-locus #2	text				
141	c1	C-locus #1 (aka Cw) <i>example: please enter C*0203 as 0203 (molecular) or 2 (serologic)</i>	text				
142	c2	C-locus #2 (aka Cw) <i>example: please enter C*0203 as 0203 (molecular) or 2 (serologic)</i>	text				
143	drb1_1	DRB1-locus #1 (aka DR) <i>example: please enter DRB1*0401 as 0401 (molecular) or 4 (serologic)</i>	text, Required				
144	drb1_2	DRB1-locus #2 (aka DR) <i>example: please enter DRB1*0401 as 0401 (molecular) or 4 (serologic)</i>	text, Required				
145	drb345_1	DRB345 #1 <i>list as DR51, DR52, or DR53</i>	text				
146	drb345_2	DRB345 #2 <i>list as DR51, DR52, or DR53</i>	text				
147	dqa1_1 Show the field ONLY if: [r_typing] = '2'	DQA1 #1 <i>example: enter molecular typing DQA1*0501 as 0501</i>	text				



148	dqa1_2 Show the field ONLY if: [r_typing] = '2'	DQA1 #2 <i>example: enter molecular typing DQA1*0501 as 0501</i>	text												
149	dqb1_1	DQ (DQB1) locus #1 <i>example: please enter DQB1*0402 as 0402 (molecular) or 4 (serologic)</i>	text												
150	dqb1_2	DQ (DQB1) locus #2 <i>example: please enter DQB1*0402 as 0402 (molecular) or 4 (serologic)</i>	text												
151	dp_avail	Is DP locus information available?	yesno, Required <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>0</td> <td>No</td> </tr> </table>	1	Yes	0	No								
1	Yes														
0	No														
152	dpa1_1 Show the field ONLY if: [r_typing]='2' AND [dp_avail] = '1'	DPA1-locus #1 <i>please enter DPA1*0201 as 0201 (molecular) or 2 (serologic)</i>	text												
153	dpa1_2 Show the field ONLY if: [r_typing]='2' AND [dp_avail] = '1'	DPA1-locus #2 <i>please enter DPA1*0201 as 0201 (molecular) or 2 (serologic)</i>	text												
154	dpb1_1 Show the field ONLY if: [dp_avail] = '1'	DPB1-locus #1 <i>please enter DPB1*0101 as 0101 (molecular) or 1 (serologic)</i>	text												
155	dpb1_2 Show the field ONLY if: [dp_avail] = '1'	DPB1-locus #2 <i>please enter DPB1*0101 as 0101 (molecular) or 1 (serologic)</i>	text												
156	most_appr	For B*14,15,40, C*03, DRB1*03 and DQB1*03, Circle the most appropriate:	radio <table border="1"> <tr> <td>1</td> <td>As B*14 gene= B64 or 65 antigen</td> </tr> <tr> <td>2</td> <td>B*15 gene = B62,63,71,72,75,76,77</td> </tr> <tr> <td>3</td> <td>B*40 gene = B60 or 61</td> </tr> <tr> <td>4</td> <td>C*03=Cw9 or 10</td> </tr> <tr> <td>5</td> <td>DRB1*03=DR17 or 18</td> </tr> <tr> <td>6</td> <td>DQB1*03 = DQ7,8 or 9</td> </tr> </table> Field Annotation: @HIDDEN	1	As B*14 gene= B64 or 65 antigen	2	B*15 gene = B62,63,71,72,75,76,77	3	B*40 gene = B60 or 61	4	C*03=Cw9 or 10	5	DRB1*03=DR17 or 18	6	DQB1*03 = DQ7,8 or 9
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6	DQB1*03 = DQ7,8 or 9														
157	peak_pra1	Section Header: <i>Recipient Pre-Transplant PRA Information</i> Peak PreTransplant PRA	checkbox <table border="1"> <tr> <td>1</td> <td>peak_pra1__1</td> <td>Class I</td> </tr> </table>	1	peak_pra1__1	Class I									
1	peak_pra1__1	Class I													

158	method_peak_pra1	Method:	checkbox <table border="1"> <tr> <td>1</td> <td>method_peak_pra1__1</td> <td>Solid Phase</td> </tr> <tr> <td>2</td> <td>method_peak_pra1__2</td> <td>Cell based</td> </tr> </table>	1	method_peak_pra1__1	Solid Phase	2	method_peak_pra1__2	Cell based												
1	method_peak_pra1__1	Solid Phase																			
2	method_peak_pra1__2	Cell based																			
159	peak_pra2	Peak PreTransplant PRA	checkbox <table border="1"> <tr> <td>1</td> <td>peak_pra2__1</td> <td>Class II</td> </tr> </table>	1	peak_pra2__1	Class II															
1	peak_pra2__1	Class II																			
160	method_peak_pra2	Method:	checkbox <table border="1"> <tr> <td>1</td> <td>method_peak_pra2__1</td> <td>Solid Phase</td> </tr> <tr> <td>2</td> <td>method_peak_pra2__2</td> <td>Cell based</td> </tr> </table>	1	method_peak_pra2__1	Solid Phase	2	method_peak_pra2__2	Cell based												
1	method_peak_pra2__1	Solid Phase																			
2	method_peak_pra2__2	Cell based																			
161	current_pra1	Current PreTransplant PRA (defined as last PRA prior to transplant)	checkbox <table border="1"> <tr> <td>1</td> <td>current_pra1__1</td> <td>Class I</td> </tr> </table>	1	current_pra1__1	Class I															
1	current_pra1__1	Class I																			
162	method_current_pra1	Method:	checkbox <table border="1"> <tr> <td>1</td> <td>method_current_pra1__1</td> <td>Solid Phase</td> </tr> <tr> <td>2</td> <td>method_current_pra1__2</td> <td>Cell based</td> </tr> </table>	1	method_current_pra1__1	Solid Phase	2	method_current_pra1__2	Cell based												
1	method_current_pra1__1	Solid Phase																			
2	method_current_pra1__2	Cell based																			
163	current_pra2	Current PreTransplant PRA (defined as last PRA prior to transplant)	checkbox <table border="1"> <tr> <td>1</td> <td>current_pra2__1</td> <td>Class II</td> </tr> </table>	1	current_pra2__1	Class II															
1	current_pra2__1	Class II																			
164	method_current_pra2	Method:	checkbox <table border="1"> <tr> <td>1</td> <td>method_current_pra2__1</td> <td>Solid Phase</td> </tr> <tr> <td>2</td> <td>method_current_pra2__2</td> <td>Cell based</td> </tr> </table>	1	method_current_pra2__1	Solid Phase	2	method_current_pra2__2	Cell based												
1	method_current_pra2__1	Solid Phase																			
2	method_current_pra2__2	Cell based																			
165	serum_date	Section Header: <i>Recipient Crossmatch Information</i> Crossmatch: Serum Date:	text (date_mdy)																		
166	tcell	T Cell:	checkbox <table border="1"> <tr> <td>1</td> <td>tcell__1</td> <td>Pos</td> </tr> <tr> <td>2</td> <td>tcell__2</td> <td>Neg</td> </tr> <tr> <td>3</td> <td>tcell__3</td> <td>Not performed</td> </tr> <tr> <td>4</td> <td>tcell__4</td> <td>Invalid Method:</td> </tr> <tr> <td>5</td> <td>tcell__5</td> <td>Flow</td> </tr> <tr> <td>6</td> <td>tcell__6</td> <td>Cytotoxic</td> </tr> </table>	1	tcell__1	Pos	2	tcell__2	Neg	3	tcell__3	Not performed	4	tcell__4	Invalid Method:	5	tcell__5	Flow	6	tcell__6	Cytotoxic
1	tcell__1	Pos																			
2	tcell__2	Neg																			
3	tcell__3	Not performed																			
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5	tcell__5	Flow																			
6	tcell__6	Cytotoxic																			
167	bcell	B Cell:	checkbox <table border="1"> <tr> <td>1</td> <td>bcell__1</td> <td>Pos</td> </tr> <tr> <td>2</td> <td>bcell__2</td> <td>Neg</td> </tr> <tr> <td>3</td> <td>bcell__3</td> <td>Not performed</td> </tr> <tr> <td>4</td> <td>bcell__4</td> <td>Invalid Method:</td> </tr> <tr> <td>5</td> <td>bcell__5</td> <td>Flow</td> </tr> <tr> <td>6</td> <td>bcell__6</td> <td>Cytotoxic</td> </tr> </table>	1	bcell__1	Pos	2	bcell__2	Neg	3	bcell__3	Not performed	4	bcell__4	Invalid Method:	5	bcell__5	Flow	6	bcell__6	Cytotoxic
1	bcell__1	Pos																			
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3	bcell__3	Not performed																			
4	bcell__4	Invalid Method:																			
5	bcell__5	Flow																			
6	bcell__6	Cytotoxic																			

168	pre_class1	Section Header: <i>Recipient Pre-Transplant Donor Specific Anti-HLA Antibody (DSA) Information (Pre Transplant = from two weeks prior to transplant to transplant date)</i> Is/Was there Class I DSA?	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Unknown</td></tr> </table>	1	Yes	2	No	3	Unknown
1	Yes								
2	No								
3	Unknown								
169	pre_class2	Is/Was there Class II DSA?	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Unknown</td></tr> </table>	1	Yes	2	No	3	Unknown
1	Yes								
2	No								
3	Unknown								
170	r_notes	Notes or Comments:	notes						
171	recipient_hla_typing_form_complete	Section Header: <i>Form Status</i> Complete?	dropdown <table border="1"> <tr><td>0</td><td>Incomplete</td></tr> <tr><td>1</td><td>Unverified</td></tr> <tr><td>2</td><td>Complete</td></tr> </table>	0	Incomplete	1	Unverified	2	Complete
0	Incomplete								
1	Unverified								
2	Complete								
Instrument: <b>Donor HLA Typing Form</b> (donor_hla_typing_form)									
172	donor_doc	Date of Completion:	text (date_mdy)						
173	donor_typing	Section Header: <i>HLA Typing - Donor</i> Serologic or Molecular Typing? <i>(choose one - molecular preferred)</i>	radio <table border="1"> <tr><td>1</td><td>Serologic typing data (ex. A2, DR4, DQ5)</td></tr> <tr><td>2</td><td>Molecular typing data (ex. A*0201, DRB1*0402, DQB1*0502)</td></tr> </table>	1	Serologic typing data (ex. A2, DR4, DQ5)	2	Molecular typing data (ex. A*0201, DRB1*0402, DQB1*0502)		
1	Serologic typing data (ex. A2, DR4, DQ5)								
2	Molecular typing data (ex. A*0201, DRB1*0402, DQB1*0502)								
174	a3	A-locus #1 <i>example: please enter A*0201 as 0201 (molecular) or 2 (serologic)</i>	text, Required						
175	a4	A-locus #2 <i>example: please enter A*0201 as 0201 (molecular) or 2 (serologic)</i>	text, Required						
176	b3	B-locus #1 <i>example: please enter B*4501 as 4501 (molecular) or 45 (serologic)</i>	text, Required						
177	b4	B-locus #2 <i>example: please enter B*4501 as 4501 (molecular) or 45 (serologic)</i>	text, Required						
178	d_bw_avail	Is Bw locus information available?	yesno, Required <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>0</td><td>No</td></tr> </table>	1	Yes	0	No		
1	Yes								
0	No								
179	bw3 Show the field ONLY if: [d_bw_avail] = '1'	Bw-locus #1	text						
180	bw4 Show the field ONLY if: [d_bw_avail] = '1'	Bw-locus #2	text						

181	c3	C-locus #1 (aka Cw) <i>example: please enter C*0203 as 0203 (molecular) or 2 (serologic)</i>	text				
182	c4	C-locus #2 (aka Cw) <i>example: please enter C*0203 as 0203 (molecular) or 2 (serologic)</i>	text				
183	drb1_3	DRB1-locus #1 (aka DR) <i>example: please enter DRB1*0401 as 0401 (molecular) or 4 (serologic)</i>	text, Required				
184	drb1_4	DRB1-locus #2 (aka DR) <i>example: please enter DRB1*0401 as 0401 (molecular) or 4 (serologic)</i>	text, Required				
185	drb345_3	DRB345 #1 <i>list as DR51, DR52, or DR53</i>	text				
186	drb345_4	DRB345 #2 <i>list as DR51, DR52, or DR53</i>	text				
187	dqa1_3 Show the field ONLY if: [donor_typing] = '2'	DQA1 #1 <i>example: enter molecular typing DQA1*0501 as 0501</i>	text				
188	dqa1_4 Show the field ONLY if: [donor_typing] = '2'	DQA1 #2 <i>example: enter molecular typing DQA1*0501 as 0501</i>	text				
189	dqb1_3	DQ (DQB1) locus #1 <i>example: please enter DQB1*0402 as 0402 (molecular) or 4 (serologic)</i>	text				
190	dqb1_4	DQ (DQB1) locus #2 <i>example: please enter DQB1*0402 as 0402 (molecular) or 4 (serologic)</i>	text				
191	dp_avail_donor	Is DP locus information available?	yesno, Required <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>0</td> <td>No</td> </tr> </table>	1	Yes	0	No
1	Yes						
0	No						
192	dpa1_3 Show the field ONLY if: [dp_avail_donor] = '1'	DPA1-locus #1 <i>please enter DPA1*0201 as 0201 (molecular) or 2 (serologic)</i>	text				
193	dpa1_4 Show the field ONLY if: [dp_avail_donor] = '1'	DPA1-locus #2 <i>please enter DPA1*0201 as 0201 (molecular) or 2 (serologic)</i>	text				
194	dpb1_3 Show the field ONLY if: [dp_avail_donor] = '1'	DPB1-locus #1 <i>please enter DPB1*0101 as 0101 (molecular) or 1 (serologic)</i>	text				

195	dpb1_4 Show the field ONLY if: [dp_avail_donor] = '1'	DPB1-locus #2 <i>please enter DPB1*0101 as 0101 (molecular) or 1 (serologic)</i>	text												
196	d_most_appr	For B*14,15,40, C*03, DRB1*03 and DQB1*03, Circle the most appropriate:	radio <table border="1"> <tr> <td>1</td> <td>As B*14 gene= B64 or 65 antigen</td> </tr> <tr> <td>2</td> <td>B*15 gene = B62,63,71,72,75,76,77</td> </tr> <tr> <td>3</td> <td>B*40 gene = B60 or 61</td> </tr> <tr> <td>4</td> <td>C*03=Cw9 or 10</td> </tr> <tr> <td>5</td> <td>DRB1*03=DR17 or 18</td> </tr> <tr> <td>6</td> <td>DQB1*03 = DQ7,8 or 9</td> </tr> </table> Field Annotation: @HIDDEN	1	As B*14 gene= B64 or 65 antigen	2	B*15 gene = B62,63,71,72,75,76,77	3	B*40 gene = B60 or 61	4	C*03=Cw9 or 10	5	DRB1*03=DR17 or 18	6	DQB1*03 = DQ7,8 or 9
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197	d_notes	Notes or Comments:	notes												
198	donor_hla_typing_for_m_complete	Section Header: <i>Form Status</i> Complete?	dropdown <table border="1"> <tr> <td>0</td> <td>Incomplete</td> </tr> <tr> <td>1</td> <td>Unverified</td> </tr> <tr> <td>2</td> <td>Complete</td> </tr> </table>	0	Incomplete	1	Unverified	2	Complete						
0	Incomplete														
1	Unverified														
2	Complete														
Instrument: <b>HLA Antibody Testing Form</b> (hla_antibody_testing_form)															
199	postdsa_doc	Date of Completion:	text (date_mdy)												
200	dsa_form_upload	Section Header: <i>Post Transplant</i> Please upload your HLA Screening (DSA Screening) report on this patient. <i>Please black out the patient identifiers and write the registry ID on the form before uploading</i>	file												
201	postdsa	DSA positive:	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> <tr> <td>3</td> <td>Unknown</td> </tr> </table>	1	Yes	2	No	3	Unknown						
1	Yes														
2	No														
3	Unknown														
202	first_postdsa_c1 Show the field ONLY if: [postdsa] = '1'	If Yes - then Date First Detected:	text (date_mdy)												

203	c1_dsa_num Show the field ONLY if: [postdsa] = '1'	How many Class I DSA (HLA-A, HLA-B or HLA-C) DSA were positive?	dropdown, Required <table border="1" data-bbox="1045 121 1118 478"> <tr><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td></tr> </table>	0	0	1	1	2	2	3	3	4	4	5	5	6	6
0	0																
1	1																
2	2																
3	3																
4	4																
5	5																
6	6																
204	c1_dsa1 Show the field ONLY if: [c1_dsa_num] = '1' OR [c1_dsa_num] = '2' OR [c1_dsa_num] = '3' OR [c1_dsa_num] = '4' OR [c1_dsa_num] = '5' OR [c1_dsa_num] = '6'	Class I (DSA #1) Specificity <i>example: A2 or B45 or B4501 (no special characters)</i>	text														
205	c1_dsa1_mfi Show the field ONLY if: [c1_dsa_num] = '1' or [c1_dsa_num] = '2' or [c1_dsa_num] = '3' or [c1_dsa_num] = '4' or [c1_dsa_num] = '5' or [c1_dsa_num] = '6'	Class I DSA #1 MFI <i>MFI (mean fluorescence intensity)</i>	text (number, Min: 0, Max: 30000)														
206	c1_dsa2 Show the field ONLY if: [c1_dsa_num] = '2' OR [c1_dsa_num] = '3' OR [c1_dsa_num] = '4' OR [c1_dsa_num] = '5' OR [c1_dsa_num] = '6'	Class I (DSA #2) Specificity <i>example: A2 or B45 or B4501 (no special characters)</i>	text														
207	c1_dsa2_mfi Show the field ONLY if: [c1_dsa_num] = '2' OR [c1_dsa_num] = '3' or [c1_dsa_num] = '4' or [c1_dsa_num] = '5' or [c1_dsa_num] = '6'	Class I DSA #2 MFI <i>MFI (mean fluorescence intensity)</i>	text (number, Min: 0, Max: 30000)														

208	c1_dsa3 Show the field ONLY if: [c1_dsa_num] = '3' OR [c1_dsa_num] = '4' OR [c1_dsa_num] = '5' OR [c1_dsa_num] = '6'	Class I (DSA #3) Specificity <i>example: A2 or B45 or B4501 (no special characters)</i>	text
209	c1_dsa3_mfi Show the field ONLY if: [c1_dsa_num] = '3' or [c1_dsa_num] = '4' or [c1_dsa_num] = '5' or [c1_dsa_num] = '6'	Class I DSA #3 MFI <i>MFI (mean fluorescence intensity)</i>	text (number, Min: 0, Max: 30000)
210	c1_dsa4 Show the field ONLY if: [c1_dsa_num] = '4' OR [c1_dsa_num] = '5' OR [c1_dsa_num] = '6'	Class I (DSA #4) Specificity <i>example: A2 or B45 or B4501 (no special characters)</i>	text
211	c1_dsa4_mfi Show the field ONLY if: [c1_dsa_num] = '4' or [c1_dsa_num] = '5' or [c1_dsa_num] = '6'	Class I DSA #4 MFI <i>MFI (mean fluorescence intensity)</i>	text (number, Min: 0, Max: 30000)
212	c1_dsa5 Show the field ONLY if: [c1_dsa_num] = '5' OR [c1_dsa_num] = '6'	Class I (DSA #5) Specificity <i>example: A2 or B45 or B4501 (no special characters)</i>	text
213	c1_dsa5_mfi Show the field ONLY if: [c1_dsa_num] = '5' or [c1_dsa_num] = '6'	Class I DSA #5 MFI <i>MFI (mean fluorescence intensity)</i>	text (number, Min: 0, Max: 30000)
214	c1_dsa6 Show the field ONLY if: [c1_dsa_num] = '6'	Class I (DSA #6) Specificity <i>example: A2 or B45 or B4501 (no special characters)</i>	text
215	c1_dsa6_mfi Show the field ONLY if: [c1_dsa_num] = '6'	Class I DSA #6 MFI <i>MFI (mean fluorescence intensity)</i>	text (number, Min: 0, Max: 30000)

216	<p>c2_dsa_num</p> <p>Show the field ONLY if: [postdsa] = '1'</p>	<p>How many Class II DSA (HLA-DR, HLA-DQ or HLA-DP) DSA were positive?</p>	<p>dropdown, Required</p> <table border="1" data-bbox="1045 121 1117 478"> <tr><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td></tr> </table>	0	0	1	1	2	2	3	3	4	4	5	5	6	6
0	0																
1	1																
2	2																
3	3																
4	4																
5	5																
6	6																
217	<p>c2_dsa1</p> <p>Show the field ONLY if: [c2_dsa_num] = '0' or [c2_dsa_num] = '1' or [c2_dsa_num] = '2' or [c2_dsa_num] = '3' or [c2_dsa_num] = '4' or [c2_dsa_num] = '5' or [c2_dsa_num] = '6'</p>	<p>Class II (DSA #1) Specificity <i>example: DQ7 or DQB1*0301/DQA1*0301 (special characters ok for DQ and DP)</i></p>	text														
218	<p>c2_dsa1_mfi</p> <p>Show the field ONLY if: [c2_dsa_num] = '1' or [c2_dsa_num] = '2' or [c2_dsa_num] = '3' or [c2_dsa_num] = '4' or [c2_dsa_num] = '5' or [c2_dsa_num] = '6'</p>	<p>Class II DSA #1 MFI <i>MFI (mean fluorescence intensity)</i></p>	text (number, Min: 0, Max: 30000)														
219	<p>c2_dsa2</p> <p>Show the field ONLY if: [c2_dsa_num] = '2' or [c2_dsa_num] = '3' or [c2_dsa_num] = '4' or [c2_dsa_num] = '5' or [c2_dsa_num] = '6'</p>	<p>Class II (DSA #2) Specificity <i>example: DQ7 or DQB1*0301/DQA1*0301 (special characters ok for DQ and DP)</i></p>	text														
220	<p>c2_dsa2_mfi</p> <p>Show the field ONLY if: [c2_dsa_num] = '2' or [c2_dsa_num] = '3' or [c2_dsa_num] = '4' or [c2_dsa_num] = '5' or [c2_dsa_num] = '6'</p>	<p>Class II DSA #2 MFI <i>MFI (mean fluorescence intensity)</i></p>	text (number, Min: 0, Max: 30000)														



221	c2_dsa3 Show the field ONLY if: [c2_dsa_num] = '3' or [c2_dsa_num] = '4' or [c2_dsa_num] = '5' or [c2_dsa_num] = '6'	Class II (DSA #3) Specificity <i>example: DQ7 or DQB1*0301/DQA1*0301 (special characters ok for DQ and DP)</i>	text
222	c2_dsa3_mfi Show the field ONLY if: [c2_dsa_num] = '3' or [c2_dsa_num] = '4' or [c2_dsa_num] = '5' or [c2_dsa_num] = '6'	Class II DSA #3 MFI <i>MFI (mean fluorescence intensity)</i>	text (number, Min: 0, Max: 30000) Custom alignment: RH
223	c2_dsa4 Show the field ONLY if: [c2_dsa_num] = '4' or [c2_dsa_num] = '5' or [c2_dsa_num] = '6'	Class II (DSA #4) Specificity <i>example: DQ7 or DQB1*0301/DQA1*0301 (special characters ok for DQ and DP)</i>	text
224	c2_dsa4_mfi Show the field ONLY if: [c2_dsa_num] = '4' or [c2_dsa_num] = '5' or [c2_dsa_num] = '6'	Class II DSA #4 MFI <i>MFI (mean fluorescence intensity)</i>	text (number, Min: 0, Max: 30000)
225	c2_dsa5 Show the field ONLY if: [c2_dsa_num] = '5' or [c2_dsa_num] = '6'	Class II (DSA #5) Specificity <i>example: DQ7 or DQB1*0301/DQA1*0301 (special characters ok for DQ and DP)</i>	text
226	c2_dsa5_mfi Show the field ONLY if: [c2_dsa_num] = '5' or [c2_dsa_num] = '6'	Class II DSA #5 MFI <i>MFI (mean fluorescence intensity)</i>	text (number, Min: 0, Max: 30000)
227	c2_dsa6 Show the field ONLY if: [c2_dsa_num] = '6'	Class II (DSA #6) Specificity <i>example: DQ7 or DQB1*0301/DQA1*0301 (special characters ok for DQ and DP)</i>	text
228	c2_dsa6_mfi Show the field ONLY if: [c2_dsa_num] = '6'	Class II DSA #6 MFI <i>MFI (mean fluorescence intensity)</i>	text (number, Min: 0, Max: 30000)

229	dsa_treat Show the field ONLY if: [postdsa] = '1'	Is the patient being treated for DSA or a rejection associated with the DSA?	yesno <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>0</td> <td>No</td> </tr> </table>	1	Yes	0	No																																			
1	Yes																																									
0	No																																									
230	dsa_tx Show the field ONLY if: [dsa_treat] = '1'	Please select ALL of the treatments currently being used to treat the DSA or rejection associated with the DSA.	checkbox <table border="1"> <tr> <td>1</td> <td>dsa_tx__1</td> <td>plasmapheresis</td> </tr> <tr> <td>2</td> <td>dsa_tx__2</td> <td>immunoadsorption</td> </tr> <tr> <td>3</td> <td>dsa_tx__3</td> <td>intravenous or subcutaneous immune globulin (IVIg or sclg)</td> </tr> <tr> <td>4</td> <td>dsa_tx__4</td> <td>rituximab</td> </tr> <tr> <td>5</td> <td>dsa_tx__5</td> <td>bortezomib</td> </tr> <tr> <td>6</td> <td>dsa_tx__6</td> <td>cyclophosphamide</td> </tr> <tr> <td>7</td> <td>dsa_tx__7</td> <td>anti-thymocyte globulin (thymoglobulin, rATG or ATG)</td> </tr> <tr> <td>8</td> <td>dsa_tx__8</td> <td>Compliment inhibitor (C1 esterase, eculizimab, etc)</td> </tr> <tr> <td>9</td> <td>dsa_tx__9</td> <td>anti-IL6 therapy</td> </tr> <tr> <td>10</td> <td>dsa_tx__10</td> <td>belimumab (anti-BAFF)</td> </tr> <tr> <td>11</td> <td>dsa_tx__11</td> <td>pulse steroids</td> </tr> <tr> <td>12</td> <td>dsa_tx__12</td> <td>increase in baseline immunosuppression</td> </tr> <tr> <td>13</td> <td>dsa_tx__13</td> <td>other</td> </tr> </table>	1	dsa_tx__1	plasmapheresis	2	dsa_tx__2	immunoadsorption	3	dsa_tx__3	intravenous or subcutaneous immune globulin (IVIg or sclg)	4	dsa_tx__4	rituximab	5	dsa_tx__5	bortezomib	6	dsa_tx__6	cyclophosphamide	7	dsa_tx__7	anti-thymocyte globulin (thymoglobulin, rATG or ATG)	8	dsa_tx__8	Compliment inhibitor (C1 esterase, eculizimab, etc)	9	dsa_tx__9	anti-IL6 therapy	10	dsa_tx__10	belimumab (anti-BAFF)	11	dsa_tx__11	pulse steroids	12	dsa_tx__12	increase in baseline immunosuppression	13	dsa_tx__13	other
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12	dsa_tx__12	increase in baseline immunosuppression																																								
13	dsa_tx__13	other																																								
231	dsa_tx_new Show the field ONLY if: [dsa_treat] = '1'	Is the treatment for the DSA or rejection associated with DSA ongoing or new?	radio <table border="1"> <tr> <td>1</td> <td>New</td> </tr> <tr> <td>0</td> <td>Ongoing</td> </tr> </table>	1	New	0	Ongoing																																			
1	New																																									
0	Ongoing																																									
232	dsa_tx_start_dt Show the field ONLY if: [dsa_treat] = '1'	Please enter the treatment start date for the DSA or rejection associated with DSA.	text (date_mdy)																																							
233	postdsa_notes	Notes or Comments:	notes																																							
234	hla_antibody_testing_form_complete	Section Header: <i>Form Status</i> Complete?	dropdown <table border="1"> <tr> <td>0</td> <td>Incomplete</td> </tr> <tr> <td>1</td> <td>Unverified</td> </tr> <tr> <td>2</td> <td>Complete</td> </tr> </table>	0	Incomplete	1	Unverified	2	Complete																																	
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1	Unverified																																									
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235	bx	Was a biopsy performed?	yesno <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>0</td> <td>No</td> </tr> </table>	1	Yes	0	No																																																		
1	Yes																																																								
0	No																																																								
236	bx_type Show the field ONLY if: [bx] = '1'	Select type of biopsy	radio <table border="1"> <tr> <td>1</td> <td>For Cause (suspected rejection/dysfunction)</td> </tr> <tr> <td>2</td> <td>Routine Protocol (standard of care)</td> </tr> </table>	1	For Cause (suspected rejection/dysfunction)	2	Routine Protocol (standard of care)																																																		
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237	biopsy_dt Show the field ONLY if: [bx] = '1'	Date of biopsy	text (date_mdy)																																																						
238	biopsy_result Show the field ONLY if: [bx] = '1'	Result  (Check all that apply)	checkbox <table border="1"> <tr> <td>1</td> <td>biopsy_result__1</td> <td>Normal</td> </tr> <tr> <td>2</td> <td>biopsy_result__2</td> <td>Indeterminate</td> </tr> <tr> <td>3</td> <td>biopsy_result__3</td> <td>Acute T-cell mediated rejection MILD</td> </tr> <tr> <td>4</td> <td>biopsy_result__4</td> <td>Acute T-cell mediated rejection MODERATE</td> </tr> <tr> <td>5</td> <td>biopsy_result__5</td> <td>Acute T-cell mediated rejection SEVERE</td> </tr> <tr> <td>6</td> <td>biopsy_result__6</td> <td>Antibody mediated rejection</td> </tr> <tr> <td>7</td> <td>biopsy_result__7</td> <td>Antibody mediated rejection with c4d positivity</td> </tr> <tr> <td>8</td> <td>biopsy_result__8</td> <td>Chronic antibody mediated rejection</td> </tr> <tr> <td>9</td> <td>biopsy_result__9</td> <td>Chronic T-cell mediated rejection</td> </tr> <tr> <td>10</td> <td>biopsy_result__10</td> <td>Recurrent disease</td> </tr> <tr> <td>11</td> <td>biopsy_result__11</td> <td>Infectious changes</td> </tr> <tr> <td>12</td> <td>biopsy_result__12</td> <td>Ischemic changes</td> </tr> <tr> <td>13</td> <td>biopsy_result__13</td> <td>Bacterial overgrowth</td> </tr> <tr> <td>14</td> <td>biopsy_result__14</td> <td>Pseudomembranous colitis</td> </tr> <tr> <td>15</td> <td>biopsy_result__15</td> <td>Vascular thrombosis</td> </tr> <tr> <td>16</td> <td>biopsy_result__16</td> <td>Preservation injury</td> </tr> <tr> <td>17</td> <td>biopsy_result__17</td> <td>Regenerative changes</td> </tr> <tr> <td>99</td> <td>biopsy_result__99</td> <td>Other</td> </tr> </table>	1	biopsy_result__1	Normal	2	biopsy_result__2	Indeterminate	3	biopsy_result__3	Acute T-cell mediated rejection MILD	4	biopsy_result__4	Acute T-cell mediated rejection MODERATE	5	biopsy_result__5	Acute T-cell mediated rejection SEVERE	6	biopsy_result__6	Antibody mediated rejection	7	biopsy_result__7	Antibody mediated rejection with c4d positivity	8	biopsy_result__8	Chronic antibody mediated rejection	9	biopsy_result__9	Chronic T-cell mediated rejection	10	biopsy_result__10	Recurrent disease	11	biopsy_result__11	Infectious changes	12	biopsy_result__12	Ischemic changes	13	biopsy_result__13	Bacterial overgrowth	14	biopsy_result__14	Pseudomembranous colitis	15	biopsy_result__15	Vascular thrombosis	16	biopsy_result__16	Preservation injury	17	biopsy_result__17	Regenerative changes	99	biopsy_result__99	Other
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99	biopsy_result__99	Other																																																							

239	biopsy_other Show the field ONLY if: [biopsy_result(99)] = '1'	If other, please specify biopsy findings	text																		
240	inf_agent Show the field ONLY if: [biopsy_result(11)] = '1' or [infect] = '1'	Infectious changes - please specify	checkbox <table border="1"> <tr> <td>1</td> <td>inf_agent__1</td> <td>CMV</td> </tr> <tr> <td>2</td> <td>inf_agent__2</td> <td>HSV</td> </tr> <tr> <td>3</td> <td>inf_agent__3</td> <td>EBV</td> </tr> <tr> <td>4</td> <td>inf_agent__4</td> <td>Adenovirus</td> </tr> <tr> <td>5</td> <td>inf_agent__5</td> <td>Candida</td> </tr> <tr> <td>99</td> <td>inf_agent__99</td> <td>Other</td> </tr> </table>	1	inf_agent__1	CMV	2	inf_agent__2	HSV	3	inf_agent__3	EBV	4	inf_agent__4	Adenovirus	5	inf_agent__5	Candida	99	inf_agent__99	Other
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5	inf_agent__5	Candida																			
99	inf_agent__99	Other																			
241	crypt_inj Show the field ONLY if: [bx] = '1'	Crypt epithelial injury	radio (Matrix) <table border="1"> <tr> <td>0</td> <td>No</td> </tr> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>Not available</td> </tr> </table>	0	No	1	Yes	2	Not available												
0	No																				
1	Yes																				
2	Not available																				
242	crypt_infl Show the field ONLY if: [bx] = '1'	Crypt epithelial inflammation	radio (Matrix) <table border="1"> <tr> <td>0</td> <td>No</td> </tr> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>Not available</td> </tr> </table>	0	No	1	Yes	2	Not available												
0	No																				
1	Yes																				
2	Not available																				
243	crypt_apop Show the field ONLY if: [bx] = '1'	Crypt apoptosis	radio (Matrix) <table border="1"> <tr> <td>0</td> <td>No</td> </tr> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>Not available</td> </tr> </table>	0	No	1	Yes	2	Not available												
0	No																				
1	Yes																				
2	Not available																				
244	lum_exu Show the field ONLY if: [bx] = '1'	Luminal inflammatory exudate	radio (Matrix) <table border="1"> <tr> <td>0</td> <td>No</td> </tr> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>Not available</td> </tr> </table>	0	No	1	Yes	2	Not available												
0	No																				
1	Yes																				
2	Not available																				
245	lamp_infl Show the field ONLY if: [bx] = '1'	Lamina propria inflammation	radio (Matrix) <table border="1"> <tr> <td>0</td> <td>No</td> </tr> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>Not available</td> </tr> </table>	0	No	1	Yes	2	Not available												
0	No																				
1	Yes																				
2	Not available																				
246	lamp_fibr Show the field ONLY if: [bx] = '1'	Lamina propria fibrosis	radio (Matrix) <table border="1"> <tr> <td>0</td> <td>No</td> </tr> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>Not available</td> </tr> </table>	0	No	1	Yes	2	Not available												
0	No																				
1	Yes																				
2	Not available																				

247	isc_nec Show the field ONLY if: [bx] = '1'	Ischemic necrosis	radio (Matrix) 0 No 1 Yes 2 Not available
248	lym_agg Show the field ONLY if: [bx] = '1'	Lymphoid aggregates	radio (Matrix) 0 No 1 Yes 2 Not available
249	obl_art Show the field ONLY if: [bx] = '1'	Obliterative arteriopathy	radio (Matrix) 0 No 1 Yes 2 Not available
250	int_throm Show the field ONLY if: [bx] = '1'	Intravascular thrombi	radio (Matrix) 0 No 1 Yes 2 Not available
251	inf_ptld Show the field ONLY if: [bx] = '1'	Infiltrates suggestive of PTLD	radio (Matrix) 0 No 1 Yes 2 Not available
252	infect Show the field ONLY if: [bx] = '1'	Infectious evidence	radio (Matrix) 0 No 1 Yes 2 Not available
253	mucos Show the field ONLY if: [bx] = '1'	Mucosal ulceration/erosion	radio (Matrix) 0 No 1 Yes 2 Not available
254	apop_bod Show the field ONLY if: [cryp_apop] = '1'	Enter the number of apoptotic bodies per 10/crypts?	text (integer)
255	infl_crypt_count Show the field ONLY if: [cryp_infl] = '1'	Choose the number of inflammatory cells/crypt.	radio 1 < 4 2 4-10 3 >10

256	<p>rej_tx</p> <p>Show the field ONLY if:  [biopsy_result(3)] = '1'  or [biopsy_result(3)] = '1' or [biopsy_result(4)] = '1' or [biopsy_result(5)] = '1' or [biopsy_result(6)] = '1' or [biopsy_result(7)] = '1' or [biopsy_result(8)] = '1' or [biopsy_result(9)] = '1'</p>	<p>Please choose medication used to treat the rejection episode.  (Choose all that apply)</p>	<p>checkbox</p> <table border="1"> <tr><td>0</td><td>rej_tx__0</td><td>no treatment</td></tr> <tr><td>1</td><td>rej_tx__1</td><td>plasmapheresis</td></tr> <tr><td>2</td><td>rej_tx__2</td><td>immunoabsorption</td></tr> <tr><td>3</td><td>rej_tx__3</td><td>intravenous or subcutaneous immune globulin (IVIg or sclg)</td></tr> <tr><td>4</td><td>rej_tx__4</td><td>rituximab</td></tr> <tr><td>5</td><td>rej_tx__5</td><td>bortezomib</td></tr> <tr><td>6</td><td>rej_tx__6</td><td>cyclophosphamide</td></tr> <tr><td>7</td><td>rej_tx__7</td><td>anti-thymocyte globulin (thymoglobulin, rATG or ATG)</td></tr> <tr><td>8</td><td>rej_tx__8</td><td>complement inhibitor (C1 esterase, eculizumab, etc)</td></tr> <tr><td>9</td><td>rej_tx__9</td><td>anti-IL6 therapy</td></tr> <tr><td>10</td><td>rej_tx__10</td><td>belimumab (anti-BAFF)</td></tr> <tr><td>11</td><td>rej_tx__11</td><td>pulse steroids</td></tr> <tr><td>12</td><td>rej_tx__12</td><td>increase in baseline immunosuppression</td></tr> <tr><td>99</td><td>rej_tx__99</td><td>other</td></tr> </table>	0	rej_tx__0	no treatment	1	rej_tx__1	plasmapheresis	2	rej_tx__2	immunoabsorption	3	rej_tx__3	intravenous or subcutaneous immune globulin (IVIg or sclg)	4	rej_tx__4	rituximab	5	rej_tx__5	bortezomib	6	rej_tx__6	cyclophosphamide	7	rej_tx__7	anti-thymocyte globulin (thymoglobulin, rATG or ATG)	8	rej_tx__8	complement inhibitor (C1 esterase, eculizumab, etc)	9	rej_tx__9	anti-IL6 therapy	10	rej_tx__10	belimumab (anti-BAFF)	11	rej_tx__11	pulse steroids	12	rej_tx__12	increase in baseline immunosuppression	99	rej_tx__99	other
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257	<p>rej_tx_startdt</p> <p>Show the field ONLY if:  [rej_tx(1)] = '1' or [rej_tx(2)] = '1' or [rej_tx(3)] = '1' or [rej_tx(4)] = '1' or [rej_tx(5)] = '1' or [rej_tx(6)] = '1' or [rej_tx(7)] = '1' or [rej_tx(8)] = '1' or [rej_tx(9)] = '1' or [rej_tx(10)] = '1' or [rej_tx(11)] = '1' or [rej_tx(12)] = '1' or [rej_tx(99)] = '1'</p>	<p>Please enter date of rejection therapy began</p>	<p>text (date_mdy)</p>																																										
258	<p>rej_tx_other</p> <p>Show the field ONLY if:  [rej_tx(99)] = '1'</p>	<p>Other, please specify treatment</p>	<p>text</p>																																										

259	inf_tx Show the field ONLY if: [biopsy_result(14)] = '1' or [biopsy_result(13)] = '1' or [biopsy_result(11)] = '1' or [infect] = '1'	Was the infection treated?	yesno <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>0</td> <td>No</td> </tr> </table>	1	Yes	0	No		
1	Yes								
0	No								
260	inf_tx_startdt Show the field ONLY if: [inf_tx] = '1'	Please enter date of anti-infective therapy began	text (date_mdy)						
261	inf_tx_desc Show the field ONLY if: [inf_tx] = '1'	Please describe anti-infectious agents used.	text						
262	biopsy_comment	Comments	notes						
263	biopsy_complete	Section Header: <i>Form Status</i> Complete?	dropdown <table border="1"> <tr> <td>0</td> <td>Incomplete</td> </tr> <tr> <td>1</td> <td>Unverified</td> </tr> <tr> <td>2</td> <td>Complete</td> </tr> </table>	0	Incomplete	1	Unverified	2	Complete
0	Incomplete								
1	Unverified								
2	Complete								
Instrument: <b>Graft Removal or Death</b> (transplant_follow_up_form_2)									
264	final	Section Header: <i>Patient Status</i> Final Transplant Status	radio <table border="1"> <tr> <td>1</td> <td>Death</td> </tr> <tr> <td>2</td> <td>Graft failure but still alive</td> </tr> </table>	1	Death	2	Graft failure but still alive		
1	Death								
2	Graft failure but still alive								
265	dod_v2 Show the field ONLY if: [final] = '1'	Date of Death:	text (date_mdy)						
266	cod_sepsis_v2 Show the field ONLY if: [final] = '1'	Section Header: <i>Cause of Death</i> Sepsis/Infection	radio (Matrix) <table border="1"> <tr> <td>0</td> <td>No</td> </tr> <tr> <td>1</td> <td>Yes</td> </tr> </table>	0	No	1	Yes		
0	No								
1	Yes								
267	cod_lymphoma_v2 Show the field ONLY if: [final] = '1'	Lymphoma	radio (Matrix) <table border="1"> <tr> <td>0</td> <td>No</td> </tr> <tr> <td>1</td> <td>Yes</td> </tr> </table>	0	No	1	Yes		
0	No								
1	Yes								
268	cod_graft_v2 Show the field ONLY if: [final] = '1'	Graft Rejection	radio (Matrix) <table border="1"> <tr> <td>0</td> <td>No</td> </tr> <tr> <td>1</td> <td>Yes</td> </tr> </table>	0	No	1	Yes		
0	No								
1	Yes								

269	cod_kidney_v2 Show the field ONLY if: [final] = '1'	Kidney failure	radio (Matrix) 0 No 1 Yes
270	cod_liver_v2 Show the field ONLY if: [final] = '1'	Liver failure	radio (Matrix) 0 No 1 Yes
271	cod_cv_v2 Show the field ONLY if: [final] = '1'	Cardiovascular/Stroke	radio (Matrix) 0 No 1 Yes
272	cod_technical_v2 Show the field ONLY if: [final] = '1'	Technical	radio (Matrix) 0 No 1 Yes
273	cod_other_v2 Show the field ONLY if: [final] = '1'	Other	radio (Matrix) 0 No 1 Yes
274	cod_other_desc_v2 Show the field ONLY if: [final] = '1'	Cause of death "other" description or comments on cause of death	text
275	graft_removal_dt_v2	Section Header: <i>Graft Status</i> Date of Graft Failure/Removal	text (date_mdy)
276	graft_removal_cause_v2	Cause for Graft Failure/Removal	radio 1 Rejection 2 PTLD 3 Infection (non-PTLD) 4 Surgical (Thrombosis or volvulus, etc) 5 Poor Graft Function 6 Other 7 Death
277	graft_removal_rsn2_v2	Other Reason for or Comments on Graft Removal:	text
278	status_more_comments	Additional Comments (next ITR transplant ID, additional graft loss info, etc)	text
279	transplant_follow_up_form_2_complete	Section Header: <i>Form Status</i> Complete?	dropdown 0 Incomplete 1 Unverified 2 Complete



Instrument: <b>Last Date of Follow-up with Full Function</b> (last_day_of_full_function)									
280	dt_last_fu	Section Header: <i>Last Date of Full Function</i> Last date of full function (date when patient dies, is started on PN, has graft removed, or is lost to follow-up)	text (date_mdy)						
281	function_comments	Comments	text						
282	last_day_of_full_function_complete	Section Header: <i>Form Status</i> Complete?	dropdown <table border="1"> <tr> <td>0</td> <td>Incomplete</td> </tr> <tr> <td>1</td> <td>Unverified</td> </tr> <tr> <td>2</td> <td>Complete</td> </tr> </table>	0	Incomplete	1	Unverified	2	Complete
0	Incomplete								
1	Unverified								
2	Complete								
Instrument: <b>Calculated Fields</b> (calculated_fields)									
283	c_surv_as_061715	with function_surviving	calc Calculation: if(([patient_status]< 1 AND [final]< 1) ,"2017-06-17", "")						
284	c_deathdate	deathdate	calc Calculation: if(([patient_status]<1 AND [final]=1) ,[dod_v2], "")						
285	c_gremove	graft_removal date	calc Calculation: if(([patient_status]<1 AND [final]=2) ,[graft_removal_dt_v2], "")						
286	surv_death	survival time death	calc Calculation: if([final]=1,datediff([transplant_date],[dod_v2], "m"), "")						
287	fudate_partial	Last follow-up without full function	calc Calculation: if([patient_status]=0 AND [graft_function]>1,[followup_date], "")						
288	fudate_withfunction	last follow-up with function	calc Calculation: if([patient_status]=0 AND [graft_function]=1,[followup_date], "")						
289	calculated_fields_complete	Section Header: <i>Form Status</i> Complete?	dropdown <table border="1"> <tr> <td>0</td> <td>Incomplete</td> </tr> <tr> <td>1</td> <td>Unverified</td> </tr> <tr> <td>2</td> <td>Complete</td> </tr> </table>	0	Incomplete	1	Unverified	2	Complete
0	Incomplete								
1	Unverified								
2	Complete								