













CRECOOLT 3.0 (PID: 40)

06/05/2025 3:10pm

Instruments		
Instrument	Form Name	Events
Demographic Data	demographic_data	olt_date_of_transp_arm_1
Comorbidities	comorbidities	olt_date_of_transp_arm_1
Underlying Liver Disease	underlying_liver_disease	olt_date_of_transp_arm_1
Information About Transplant	information_about_transplant	olt_date_of_transp_arm_1
Immunosuppressive Medication	immunosuppressive_medication	olt_date_of_transp_arm_1
CRE Issues	cre_issues	olt_date_of_transp_arm_1
Susceptibility Of CRE Colonizing Strain	susceptibility_of_cre_colonizing_strain	olt_date_of_transp_arm_1
Post-OLT Complications	postolt_complications	olt_date_of_transp_arm_1
Management Of CRE Colonization and CRE infection	management_of_cre_colonization_and_cre_infection	olt_date_of_transp_arm_1
CRECOOLT score evaluation 	crecoolt_score_evaluation	olt_date_of_transp_arm_1  week_1_arm_1  week_2_arm_1  week_3_arm_1  week_4_arm_1  week_5_arm_1  week_6_arm_1  week_7_arm_1  week_8_arm_1 
Microbiological Screening	microbiological_screening	olt_date_of_transp_arm_1
Exposure To CRE Antibiotics 	exposure_to_cre_antibiotics	olt_date_of_transp_arm_1 
Outcome at 180 days	outcome_at_180_days	olt_date_of_transp_arm_1

Events	
Event Name	Unique event name
OLT: [date_of_transplant]	olt_date_of_transp_arm_1
Week 1	week_1_arm_1
Week 2	week_2_arm_1
Week 3	week_3_arm_1
Week 4	week_4_arm_1
Week 5	week_5_arm_1
Week 6	week_6_arm_1
Week 7	week_7_arm_1
Week 8	week_8_arm_1

	#	Variable / Field Name	Field Label <i>Field Note</i>	Field Attributes (Field Type, Validation, Choices, Calculations, etc.)
Instrument: Demographic Data (demographic_data)				
	1	[record_id]	Record ID	text

2	[note]	<p>Dear Investigator, we kindly remind you that:</p> <ul style="list-style-type: none"> • Retrospective study: OLT patients transplanted in the study period 2018-2022 will be included in the retrospective study. • Prospective study: recent OLT patients followed prospectively, according to the study protocol, will be included in the prospective study. 	descriptive																					
3	[retro_or_pros]	According to the definitions above, is this patient to be included in:	radio, Required <table border="1"> <tr> <td>1</td> <td>Retrospective study</td> </tr> <tr> <td>2</td> <td>Prospective study</td> </tr> </table>	1	Retrospective study	2	Prospective study																	
1	Retrospective study																							
2	Prospective study																							
4	[date_of_birth]	Date of birth:	text (date_dmy), Required																					
5	[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																							
6	[date_of_admission]	Date of hospital admission prior transplantation:	text (date_dmy), Required																					
7	[age]	Age at time of transplantation:	calc Calculation: round (datediff ([date_of_admission], [date_of_birth], "y", "dmy"))																					
8	[demographic_data_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: Comorbidities (comorbidities)																								
9	[comorbidities1]	Section Header: <i>Charlson Comorbidity Index (CCI):</i> Comorbidities (+1 point):	checkbox <table border="1"> <tr> <td>1</td> <td>comorbidities1__1</td> <td>Myocardial infarction</td> </tr> <tr> <td>2</td> <td>comorbidities1__2</td> <td>Congestive heart failure</td> </tr> <tr> <td>3</td> <td>comorbidities1__3</td> <td>Peripheral vascular disease</td> </tr> <tr> <td>4</td> <td>comorbidities1__4</td> <td>CVA or TIA</td> </tr> <tr> <td>5</td> <td>comorbidities1__5</td> <td>Dementia</td> </tr> <tr> <td>6</td> <td>comorbidities1__6</td> <td>COPD</td> </tr> <tr> <td>7</td> <td>comorbidities1__7</td> <td>Connective tissue disease</td> </tr> </table>	1	comorbidities1__1	Myocardial infarction	2	comorbidities1__2	Congestive heart failure	3	comorbidities1__3	Peripheral vascular disease	4	comorbidities1__4	CVA or TIA	5	comorbidities1__5	Dementia	6	comorbidities1__6	COPD	7	comorbidities1__7	Connective tissue disease
1	comorbidities1__1	Myocardial infarction																						
2	comorbidities1__2	Congestive heart failure																						
3	comorbidities1__3	Peripheral vascular disease																						
4	comorbidities1__4	CVA or TIA																						
5	comorbidities1__5	Dementia																						
6	comorbidities1__6	COPD																						
7	comorbidities1__7	Connective tissue disease																						

				8	comorbidities1__8	Peptic ulcer disease
10	[comorbidities2]	Comorbidities (+2 points):	checkbox	1	comorbidities2__1	Hemiplegia
				2	comorbidities2__2	Moderate to severe CKD
				3	comorbidities2__3	Leukemia
				4	comorbidities2__4	Lymphoma
11	[liver_dis]	Liver disease:	checkbox	1	liver_dis__1	mild (+1 point)
				2	liver_dis__2	moderate to severe (+3 points)
12	[diabetes_mellitus]	Diabetes mellitus:	checkbox	1	diabetes_mellitus__1	none or diet-controlled
				2	diabetes_mellitus__2	uncomplicated (+1 point)
				3	diabetes_mellitus__3	end-organ damage (+2 points)
13	[solid_tumor]	Solid tumor:	checkbox	1	solid_tumor__1	none
				2	solid_tumor__2	localized (+2 points)
				3	solid_tumor__3	metastatic (+6 points)
14	[aids]	AIDS (+6 points)	yesno	1	Yes	
				0	No	
15	[cci]	Charlson Comordibities Index (CCI): Adjusted for [age] years old patient.	calc	Calculation: round (if([age]>=50 and [age]< 60),1,0) + if([age]>=60 and [age]< 70),2,0) + if([age]>=70 and [age]< 80),3,0) + if([age]>=80),4,0) + if([comorbidities1(1)]=1,1,0) + if([comorbidities1(2)]=1,1,0) + if([comorbidities1(3)]=1,1,0) + if([comorbidities1(4)]=1,1,0) + if([comorbidities1(5)]=1,1,0) + if([comorbidities1(6)]=1,1,0) + if([comorbidities1(7)]=1,1,0) + if([comorbidities1(8)]=1,1,0) + if([comorbidities2(1)]=1,2,0) + if([comorbidities2(2)]=1,2,0) + if([comorbidities2(3)]=1,2,0) + if([comorbidities2(4)]=1,2,0) +		

				if([liver_dis(1)]=1,1,0) + if([liver_dis(2)]=1,3,0) + if([diabetes_mellitus(2)]=1,1,0) + if([diabetes_mellitus(3)]=1,2,0) + if([solid_tumor(2)]=1,2,0) + if([solid_tumor(3)]=1,6,0) + if([aids]=1,6,0))																														
	16	[comorbidities_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: Underlying Liver Disease (underlying_liver_disease)																																		
	17	[liver_disease]	UNDERLYING LIVER DISEASE - Please check all that apply:	checkbox <table border="1"> <tr><td>1</td><td>liver_disease__1</td><td>HCV infection</td></tr> <tr><td>2</td><td>liver_disease__2</td><td>HBV infection</td></tr> <tr><td>3</td><td>liver_disease__3</td><td>HIV infection</td></tr> <tr><td>4</td><td>liver_disease__4</td><td>Alcohol abuse</td></tr> <tr><td>5</td><td>liver_disease__5</td><td>Metabolic disease</td></tr> <tr><td>6</td><td>liver_disease__6</td><td>Autoimmune disease</td></tr> <tr><td>7</td><td>liver_disease__7</td><td>Other (please, specify below)</td></tr> <tr><td>8</td><td>liver_disease__8</td><td>Fulminant hepatitis</td></tr> <tr><td>9</td><td>liver_disease__9</td><td>Prior transplant</td></tr> <tr><td>10</td><td>liver_disease__10</td><td>HCC</td></tr> </table>	1	liver_disease__1	HCV infection	2	liver_disease__2	HBV infection	3	liver_disease__3	HIV infection	4	liver_disease__4	Alcohol abuse	5	liver_disease__5	Metabolic disease	6	liver_disease__6	Autoimmune disease	7	liver_disease__7	Other (please, specify below)	8	liver_disease__8	Fulminant hepatitis	9	liver_disease__9	Prior transplant	10	liver_disease__10	HCC
1	liver_disease__1	HCV infection																																
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8	liver_disease__8	Fulminant hepatitis																																
9	liver_disease__9	Prior transplant																																
10	liver_disease__10	HCC																																
	18	[metabolic_disease] Show the field ONLY if: [liver_disease(5)] = '1'	Metabolic disease - Please, specify:	text																														
	19	[autoimmune_disease] Show the field ONLY if: [liver_disease(6)] = '1'	Autoimmune disease - Please, specify:	text																														
	20	[other_specify] Show the field ONLY if: [liver_disease(7)] = '1'	Other - Please, specify:	text																														
	21	[type_prior_transplant] Show the field ONLY if: [liver_disease(9)] = '1'	Prior transplant - Please, specify type:	text																														

	22	[year_prior_transplant] Show the field ONLY if: [liver_disease(9)] = '1'	Prior transplant - Please, specify the year:	text (integer)										
	23	[date_waiting_list]	Date of inclusion in waiting list:	text (date_dmy)										
	24	[meld_waiting_list]	MELD at inclusion in waiting list:	text										
	25	[underlying_liver_disease_complete]	Section Header: <i>Form Status</i> Complete?	dropdown <table><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: Information About Transplant (information_about_transplant)														
	26	[date_of_transplant]	Date of transplant:	text (date_dmy)										
	27	[date_admission_icu]	Date of admission in ICU:	text (date_dmy)										
	28	[liver_split]	Liver split?	yesno <table><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													
	29	[combined_transplant]	Combined transplant:	yesno <table><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													
	30	[meld_score]	MELD score at OLT:	text										
	31	[biliary_anastomosis]	Type of biliary anastomosis:	checkbox <table><tr><td>1</td><td>biliary_anastomosis__1</td><td>Duct-duct with Kher</td></tr><tr><td>2</td><td>biliary_anastomosis__2</td><td>Duct-duct without Kher</td></tr><tr><td>3</td><td>biliary_anastomosis__3</td><td>Coledoco-jejunal</td></tr></table>		1	biliary_anastomosis__1	Duct-duct with Kher	2	biliary_anastomosis__2	Duct-duct without Kher	3	biliary_anastomosis__3	Coledoco-jejunal
1	biliary_anastomosis__1	Duct-duct with Kher												
2	biliary_anastomosis__2	Duct-duct without Kher												
3	biliary_anastomosis__3	Coledoco-jejunal												
	32	[prolonged_surgery]	Prolonged surgery (more than 8 hours):	yesno <table><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													
	33	[donor_age]	Donor age:	text (integer)										
	34	[deceased_donor]	Deceased donor?	yesno <table><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													
	35	[time_cold_ischemia]	Duration of cold ischemia of the graft (hh:mm):	text (time)										
	36	[intraoperative_bleeding]	Intraoperative bleeding with need of maxive transfusion:	yesno <table><tr><td>1</td><td>Yes</td></tr></table>		1	Yes							
1	Yes													

				0	No																								
37	[specify_number_of_b] Show the field ONLY if: [intraoperative_bleeding] = '1'	If yes, specify number of blood trasfusions:	text																										
38	[date_discharge_icu]	Date of discharge from ICU:	text (date_dmy)																										
39	[information_about_transplant_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: Immunosuppressive Medication (immunosuppressive_medication)																													
40	[induction_regimen]	Induction regimen - Please check all that apply:	checkbox <table border="1"> <tr><td>1</td><td>induction_regimen__1</td><td>Bolus of steroids</td></tr> <tr><td>2</td><td>induction_regimen__2</td><td>Use of antilymphocyte globulin</td></tr> <tr><td>3</td><td>induction_regimen__3</td><td>Use of basiliximab</td></tr> <tr><td>4</td><td>induction_regimen__4</td><td>Use of rituximab</td></tr> <tr><td>5</td><td>induction_regimen__5</td><td>Other (please, specify below)</td></tr> </table>			1	induction_regimen__1	Bolus of steroids	2	induction_regimen__2	Use of antilymphocyte globulin	3	induction_regimen__3	Use of basiliximab	4	induction_regimen__4	Use of rituximab	5	induction_regimen__5	Other (please, specify below)									
1	induction_regimen__1	Bolus of steroids																											
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5	induction_regimen__5	Other (please, specify below)																											
41	[other_induction_regimen] Show the field ONLY if: [induction_regimen(5)] = '1'	Other, please specify:	text																										
42	[maintenance_regimen]	Maintenance regimen:	checkbox <table border="1"> <tr><td>1</td><td>maintenance_regimen__1</td><td>Prednisone</td></tr> <tr><td>2</td><td>maintenance_regimen__2</td><td>Cyclosporin</td></tr> <tr><td>3</td><td>maintenance_regimen__3</td><td>Tacrolimus</td></tr> <tr><td>4</td><td>maintenance_regimen__4</td><td>Mycophenol mofetil</td></tr> <tr><td>5</td><td>maintenance_regimen__5</td><td>Azathioprin</td></tr> <tr><td>6</td><td>maintenance_regimen__6</td><td>Sirolimus</td></tr> <tr><td>7</td><td>maintenance_regimen__7</td><td>Everolimus</td></tr> <tr><td>8</td><td>maintenance_regimen__8</td><td>Other (please specify below)</td></tr> </table>			1	maintenance_regimen__1	Prednisone	2	maintenance_regimen__2	Cyclosporin	3	maintenance_regimen__3	Tacrolimus	4	maintenance_regimen__4	Mycophenol mofetil	5	maintenance_regimen__5	Azathioprin	6	maintenance_regimen__6	Sirolimus	7	maintenance_regimen__7	Everolimus	8	maintenance_regimen__8	Other (please specify below)
1	maintenance_regimen__1	Prednisone																											
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5	maintenance_regimen__5	Azathioprin																											
6	maintenance_regimen__6	Sirolimus																											
7	maintenance_regimen__7	Everolimus																											
8	maintenance_regimen__8	Other (please specify below)																											
43	[drug_dose]	Other, specify drug dose (mg):	text (number)																										

		Show the field ONLY if: [maintenance_regimen(8)] = '1'	indicate in mg													
	44	[immunosuppressive_medication_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: CRE Issues (cre_issues)																
	45	[cre_colon]	CRE colonization:	radio <table border="1"> <tr><td>1</td><td>Pre-OLT (before [date_of_transplant])</td></tr> <tr><td>2</td><td>Post-OLT (after [date_of_transplant])</td></tr> </table>	1	Pre-OLT (before [date_of_transplant])	2	Post-OLT (after [date_of_transplant])								
1	Pre-OLT (before [date_of_transplant])															
2	Post-OLT (after [date_of_transplant])															
	46	[date_positive_pre_olt] Show the field ONLY if: [cre_colon] = '1'	Pre-OLT, please specify date of first positive sample:	text (date_dmy)												
	47	[date_positive_post_olt] Show the field ONLY if: [cre_colon] = '2'	Post-OLT, please specify date of first positive sample:	text (date_dmy)												
	48	[type_of_sample]	CRE colonization - Please, specify the type of sample: <i>Check all that apply</i>	checkbox <table border="1"> <tr><td>1</td><td>type_of_sample__1</td><td>Rectal swab</td></tr> <tr><td>2</td><td>type_of_sample__2</td><td>Respiratory sample</td></tr> <tr><td>3</td><td>type_of_sample__3</td><td>Urine</td></tr> <tr><td>4</td><td>type_of_sample__4</td><td>Other (please, specify below)</td></tr> </table>	1	type_of_sample__1	Rectal swab	2	type_of_sample__2	Respiratory sample	3	type_of_sample__3	Urine	4	type_of_sample__4	Other (please, specify below)
1	type_of_sample__1	Rectal swab														
2	type_of_sample__2	Respiratory sample														
3	type_of_sample__3	Urine														
4	type_of_sample__4	Other (please, specify below)														
	49	[other_sample] Show the field ONLY if: [type_of_sample(4)] = '1'	Other, please specify:	text												
	50	[multisite_colonization]	Multisite colonization <i>0=No 1=Yes</i>	calc Calculation: if ([type_of_sample(1)]=1 and [type_of_sample(2)]=1),1,0) or if ([type_of_sample(1)]=1 and [type_of_sample(3)]=1),1,0) or if ([type_of_sample(1)]=1 and [type_of_sample(4)]=1),1,0) or if ([type_of_sample(2)]=1 and [type_of_sample(3)]=1),1,0) or if ([type_of_sample(2)]=1 and [type_of_sample(4)]=1),1,0) or if												

				(([type_of_sample(3)]=1 and [type_of_sample(4)]=1),1,0)
51	[mec_of_carbapenem_resi]	CRE colonization -Please specify mechanisms of carbapenem resistance:	checkbox	
			1	mec_of_carbapenem_resi__1 KPC
			2	mec_of_carbapenem_resi__2 OXA-48
			3	mec_of_carbapenem_resi__3 NDM
			4	mec_of_carbapenem_resi__4 VIM
			5	mec_of_carbapenem_resi__5 Other (please, specify below)
52	[other_mec_carb_res] Show the field ONLY if: [mec_of_carbapenem_resi(5)] = '1'	Other, please specify:	text	
53	[cre_issues_complete]	Section Header: <i>Form Status</i> Complete?	dropdown	
			0	Incomplete
			1	Unverified
			2	Complete
Instrument: Susceptibility Of CRE Colonizing Strain (susceptibility_of_cre_colonizing_strain)				
54	[erta]	ERTAPENEM	radio (Matrix)	
			1	R
			2	S
			3	I
			4	NA
55	[mero]	MEROPENEM	radio (Matrix)	
			1	R
			2	S
			3	I
			4	NA
56	[amik]	AMIKACIN	radio (Matrix)	
			1	R
			2	S
			3	I
			4	NA
57	[gent]	GENTAMICIN	radio (Matrix)	
			1	R
			2	S
			3	I

				<table><tr><td>4</td><td>NA</td></tr></table>	4	NA						
4	NA											
58	[tmp_smx]	TMP/SMX	radio (Matrix)	<table><tr><td>1</td><td>R</td></tr><tr><td>2</td><td>S</td></tr><tr><td>3</td><td>I</td></tr><tr><td>4</td><td>NA</td></tr></table>	1	R	2	S	3	I	4	NA
1	R											
2	S											
3	I											
4	NA											
59	[tig]	TIGECYCLINE	radio (Matrix)	<table><tr><td>1</td><td>R</td></tr><tr><td>2</td><td>S</td></tr><tr><td>3</td><td>I</td></tr><tr><td>4</td><td>NA</td></tr></table>	1	R	2	S	3	I	4	NA
1	R											
2	S											
3	I											
4	NA											
60	[col]	COLISTIN	radio (Matrix)	<table><tr><td>1</td><td>R</td></tr><tr><td>2</td><td>S</td></tr><tr><td>3</td><td>I</td></tr><tr><td>4</td><td>NA</td></tr></table>	1	R	2	S	3	I	4	NA
1	R											
2	S											
3	I											
4	NA											
61	[cef_avi]	CEFTAZIDIME-AVIBACTAM	radio (Matrix)	<table><tr><td>1</td><td>R</td></tr><tr><td>2</td><td>S</td></tr><tr><td>3</td><td>I</td></tr><tr><td>4</td><td>NA</td></tr></table>	1	R	2	S	3	I	4	NA
1	R											
2	S											
3	I											
4	NA											
62	[mero_vabo]	MEROPENEM/VABORBACTAM	radio (Matrix)	<table><tr><td>1</td><td>R</td></tr><tr><td>2</td><td>S</td></tr><tr><td>3</td><td>I</td></tr><tr><td>4</td><td>NA</td></tr></table>	1	R	2	S	3	I	4	NA
1	R											
2	S											
3	I											
4	NA											
63	[imi_rel]	IMIPENEM/RELEBACTAM	radio (Matrix)	<table><tr><td>1</td><td>R</td></tr><tr><td>2</td><td>S</td></tr><tr><td>3</td><td>I</td></tr><tr><td>4</td><td>NA</td></tr></table>	1	R	2	S	3	I	4	NA
1	R											
2	S											
3	I											
4	NA											
64	[cef]	CEFIDEROCOL	radio (Matrix)	<table><tr><td>1</td><td>R</td></tr><tr><td>2</td><td>S</td></tr><tr><td>3</td><td>I</td></tr><tr><td>4</td><td>NA</td></tr></table>	1	R	2	S	3	I	4	NA
1	R											
2	S											
3	I											
4	NA											
65	[other_ant]	Other	radio (Matrix)	<table><tr><td>1</td><td>R</td></tr></table>	1	R						
1	R											

2	S
3	I
4	NA

66	[erta_mic] Show the field ONLY if: [erta] = '1' or [erta] = '2' or [erta] = '3'	ERTAPENEM-MIC:	text	
67	[mero_mic] Show the field ONLY if: [mero] = '1' or [mero] = '2' or [mero] = '3'	MEROPENEM-MIC:	text	
68	[ami_mic] Show the field ONLY if: [amik] = '1' or [amik] = '2' or [amik] = '3'	AMIKACIN-MIC:	text	
69	[genta_mic] Show the field ONLY if: [gent] = '1' or [gent] = '2' or [gent] = '3'	GENTAMICIN-MIC:	text	
70	[tmp_smx_mic] Show the field ONLY if: [tmp_smx] = '1' or [tmp_smx] = '2' or [tmp_smx] = '3'	TMP/SMX-MIC:	text	
71	[tige_mic] Show the field ONLY if: [tig] = '1' or [tig] = '2' or [tig] = '3'	TIGECYCLINE-MIC:	text	
72	[col_mic] Show the field ONLY if: [col] = '1' or [col] = '2' or [col] = '3'	COLISTIN-MIC:	text	
73	[cef_avi_mic] Show the field ONLY if: [cef_avi] = '1' or [cef_avi] = '2' or [cef_avi] = '3'	CEFTAZIDIME-AVIBACTAM-MIC:	text	
74	[mero_vab_mic]	MEROPENEM/VABORBACTAM-MIC:	text	

		Show the field ONLY if: [mero_vabo] = '1' or [mero_vabo] = '2' or [mero_vabo] = '3'							
75	[imi_rel_mic] Show the field ONLY if: [imi_rel] = '1' or [imi_rel] = '2' or [imi_rel] = '3'	IMIPENEM/RELEBACTAM-MIC:	text						
76	[cef_mic] Show the field ONLY if: [cef] = '1' or [cef] = '2' or [cef] = '3'	CEFIDEROCOL-MIC:	text						
77	[other_drug_specify] Show the field ONLY if: [other_ant] = '1' or [other_ant] = '2' or [other_ant] = '3' or [other_ant] = '4'	Other - Please, specify:	text						
78	[other_mic] Show the field ONLY if: [other_ant] = '1' or [other_ant] = '2' or [other_ant] = '3'	Other-MIC:	text						
79	[susceptibility_of_cre_colonizing_strain_complete]	Section Header: <i>Form Status</i> Complete?	dropdown <table><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: Post-OLT Complications (postolt_complications)

80	[post_olt_compli]	POST-OLT COMPLICATIONS (after [date_of_transplant]) Please check all that apply up to the first CRE infection, death or 2 months after OLT whichever occurred first	checkbox		
			1	post_olt_compli__1	Acute renal failure (RIFLE criteria)
			2	post_olt_compli__2	Need of renal replacement therapy
			3	post_olt_compli__3	Mechanical ventilation > 48 h
			4	post_olt_compli__4	Primary or Secondary Graft Non-Function

				5	post_olt_compli__5	Re-intervention
				6	post_olt_compli__6	Re-transplantation
				7	post_olt_compli__7	Rejection
				8	post_olt_compli__8	Biopsy proven rejection
				9	post_olt_compli__9	Histological recurrence of HCV infection
				10	post_olt_compli__10	Treatment for CMV infection and/or disease
				11	post_olt_compli__11	Other (Please, specify below)
81	[other_compli]	Other - Please, specify:	text			
	Show the field ONLY if: [post_olt_compli(11)]=1					
82	[postolt_complications_complete]	Section Header: <i>Form Status</i> Complete?	dropdown			
			0	Incomplete		
			1	Unverified		
			2	Complete		
Instrument: Management Of CRE Colonization and CRE infection (management_of_cre_colonization_and_cre_infection)						
83	[cre_colonization]	Management of CRE colonization: <i>Check all that apply.</i>	checkbox			
			1	cre_colonization__1	No strategy adopted	
			2	cre_colonization__2	Targeted peri-operative prophylaxis	
			3	cre_colonization__3	Pre-emptive strategy	
84	[prophylaxis_drugs]	Targeted peri-operative prophylaxis - Please, specify drugs used:	text			
	Show the field ONLY if: [cre_colonization(2)]=1					
85	[prophylaxis_duration]	Targeted peri-operative prophylaxis - Duration of prophylaxis (hours) <i>In hours</i>	text (number)			
	Show the field ONLY if: [cre_colonization(2)]=1					
86	[pre_emptive]	Pre-emptive strategy:	radio			

		Show the field ONLY if: [cre_colonization(3)]=1		<table border="1"> <tr> <td>1</td><td>Early start of anti-CRE coverage upon infection symptoms onset</td></tr> <tr> <td>2</td><td>Early start of anti-CRE coverage according to CRECOOLT score</td></tr> <tr> <td>3</td><td>Other (Please, specify below)</td></tr> </table>	1	Early start of anti-CRE coverage upon infection symptoms onset	2	Early start of anti-CRE coverage according to CRECOOLT score	3	Other (Please, specify below)									
1	Early start of anti-CRE coverage upon infection symptoms onset																		
2	Early start of anti-CRE coverage according to CRECOOLT score																		
3	Other (Please, specify below)																		
87	[other_pre_emptive]	Show the field ONLY if: [pre_emptive]=3	Other pre-emptive strategy - Please, specify:	text															
88	[cre_infection]		CRE infection	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																		
89	[cre_infection_date]	Show the field ONLY if: [cre_infection]=1	CRE infection - Please, specify the date:	text (date_dmy)															
90	[pao2]	Show the field ONLY if: [cre_infection] = '1'	Section Header: <i>Clinical severity according to SOFA score at CRE infection</i> PaO2/FiO2 (mmHg)	checkbox <table border="1"> <tr> <td>0</td><td>pao2__0</td><td>≥ 400</td></tr> <tr> <td>1</td><td>pao2__1</td><td>300-399</td></tr> <tr> <td>2</td><td>pao2__2</td><td>200-299</td></tr> <tr> <td>3</td><td>pao2__3</td><td>100-199 and mechanically ventilated</td></tr> <tr> <td>4</td><td>pao2__4</td><td>< 100 and mechanically ventilated</td></tr> </table>	0	pao2__0	≥ 400	1	pao2__1	300-399	2	pao2__2	200-299	3	pao2__3	100-199 and mechanically ventilated	4	pao2__4	< 100 and mechanically ventilated
0	pao2__0	≥ 400																	
1	pao2__1	300-399																	
2	pao2__2	200-299																	
3	pao2__3	100-199 and mechanically ventilated																	
4	pao2__4	< 100 and mechanically ventilated																	
91	[gcs]	Show the field ONLY if: [cre_infection] = '1'	Glasgow Coma Scale (GCS):	checkbox <table border="1"> <tr> <td>0</td><td>gcs__0</td><td>15</td></tr> <tr> <td>1</td><td>gcs__1</td><td>13-14</td></tr> <tr> <td>2</td><td>gcs__2</td><td>10-12</td></tr> <tr> <td>3</td><td>gcs__3</td><td>6-9</td></tr> <tr> <td>4</td><td>gcs__4</td><td>< 6</td></tr> </table>	0	gcs__0	15	1	gcs__1	13-14	2	gcs__2	10-12	3	gcs__3	6-9	4	gcs__4	< 6
0	gcs__0	15																	
1	gcs__1	13-14																	
2	gcs__2	10-12																	
3	gcs__3	6-9																	
4	gcs__4	< 6																	
92	[map]	Show the field ONLY if: [cre_infection] = '1'	MAP or administration of vasopressors:	checkbox <table border="1"> <tr> <td>0</td><td>map__0</td><td>>70mmHg</td></tr> <tr> <td>1</td><td>map__1</td><td>< 70mmHg</td></tr> <tr> <td>2</td><td>map__2</td><td>dop ≤5 or dob any dose</td></tr> <tr> <td>3</td><td>map__3</td><td>dop >5 or epi/nor≤0.1</td></tr> <tr> <td>4</td><td>map__4</td><td>dop >15 or epi /nor>0.1</td></tr> </table>	0	map__0	>70mmHg	1	map__1	< 70mmHg	2	map__2	dop ≤5 or dob any dose	3	map__3	dop >5 or epi/nor≤0.1	4	map__4	dop >15 or epi /nor>0.1
0	map__0	>70mmHg																	
1	map__1	< 70mmHg																	
2	map__2	dop ≤5 or dob any dose																	
3	map__3	dop >5 or epi/nor≤0.1																	
4	map__4	dop >15 or epi /nor>0.1																	
93	[bilirubin]	Show the field ONLY if: [cre_infection] = '1'	Bilirubin (mg/dL):	checkbox <table border="1"> <tr> <td>0</td><td>bilirubin__0</td><td>< 1.2</td></tr> <tr> <td>1</td><td>bilirubin__1</td><td>1.2-1.9</td></tr> <tr> <td>2</td><td>bilirubin__2</td><td>2.0-5.9</td></tr> </table>	0	bilirubin__0	< 1.2	1	bilirubin__1	1.2-1.9	2	bilirubin__2	2.0-5.9						
0	bilirubin__0	< 1.2																	
1	bilirubin__1	1.2-1.9																	
2	bilirubin__2	2.0-5.9																	

				<table><tr><td>3</td><td>bilirubin__3</td><td>6.0-11.9</td></tr><tr><td>4</td><td>bilirubin__4</td><td>≥12</td></tr></table>	3	bilirubin__3	6.0-11.9	4	bilirubin__4	≥12											
3	bilirubin__3	6.0-11.9																			
4	bilirubin__4	≥12																			
94	<p>[platelets]</p> <p>Show the field ONLY if: [cre_infection] = '1'</p>	Platelets:	<table><tr><td colspan="3">checkbox</td></tr><tr><td>0</td><td>platelets__0</td><td>150-380</td></tr><tr><td>1</td><td>platelets__1</td><td>< 150</td></tr><tr><td>2</td><td>platelets__2</td><td>< 100</td></tr><tr><td>3</td><td>platelets__3</td><td>< 50</td></tr><tr><td>4</td><td>platelets__4</td><td>< 20</td></tr></table>	checkbox			0	platelets__0	150-380	1	platelets__1	< 150	2	platelets__2	< 100	3	platelets__3	< 50	4	platelets__4	< 20
checkbox																					
0	platelets__0	150-380																			
1	platelets__1	< 150																			
2	platelets__2	< 100																			
3	platelets__3	< 50																			
4	platelets__4	< 20																			
95	<p>[cr_sofa]</p> <p>Show the field ONLY if: [cre_infection] = '1'</p>	Creatinine (mg/dL) or urine output:	<table><tr><td colspan="3">checkbox</td></tr><tr><td>0</td><td>cr_sofa__0</td><td>0.5-1.2</td></tr><tr><td>1</td><td>cr_sofa__1</td><td>1.2-1.9</td></tr><tr><td>2</td><td>cr_sofa__2</td><td>2.0-3.4</td></tr><tr><td>3</td><td>cr_sofa__3</td><td>3.5-4.9 or UOP < 500 mL/day</td></tr><tr><td>4</td><td>cr_sofa__4</td><td>>5.0 or UOP < 200 mL/day</td></tr></table>	checkbox			0	cr_sofa__0	0.5-1.2	1	cr_sofa__1	1.2-1.9	2	cr_sofa__2	2.0-3.4	3	cr_sofa__3	3.5-4.9 or UOP < 500 mL/day	4	cr_sofa__4	>5.0 or UOP < 200 mL/day
checkbox																					
0	cr_sofa__0	0.5-1.2																			
1	cr_sofa__1	1.2-1.9																			
2	cr_sofa__2	2.0-3.4																			
3	cr_sofa__3	3.5-4.9 or UOP < 500 mL/day																			
4	cr_sofa__4	>5.0 or UOP < 200 mL/day																			
96	<p>[sofa]</p> <p>Show the field ONLY if: [cre_infection]=1</p>	SOFA score:	<p>calc</p> <p>Calculation: if([cre_infection]=1,(if([pao2(0)]=1, 0, (if([pao2(1)]=1, 1, (if([pao2(2)]=1, 2, (if([pao2(3)]=1, 3, (if([pao2(4)]=1, 4, 0)))))) + if([gcs(0)]=1, 0, (if([gcs(1)]=1, 1, (if([gcs(2)]=1, 2, (if([gcs(3)]=1, 3, (if([gcs(4)]=1, 4, 0)))))) + if([map(0)]=1, 0, (if([map(1)]=1, 1, (if([map(2)]=1, 2, (if([map(3)]=1, 3, (if([map(4)]=1, 4, 0)))))) + if([bilirubin(0)]=1, 0, (if([bilirubin(1)]=1, 1, (if([bilirubin(2)]=1, 2, (if([bilirubin(3)]=1, 3, (if([bilirubin(4)]=1, 4, 0)))))) + if([platelets(0)]=1, 0, (if([platelets(1)]=1, 1, (if([platelets(2)]=1, 2, (if([platelets(3)]=1, 3, (if([platelets(4)]=1, 4, 0)))))) + if([cr_sofa(0)]=1, 0, (if([cr_sofa(1)]=1, 1, (if([cr_sofa(2)]=1, 2, (if([cr_sofa(3)]=1, 3, (if([cr_sofa(4)]=1, 4, 0))))))))) , ""))</p>																		
97	<p>[sofa_import]</p> <p>Show the field ONLY if: [cre_infection]='1' AND [cre_infection_date]<'31-12-2016'</p>	SOFA score:	<p>text (integer)</p>																		
98	<p>[infection_source]</p> <p>Show the field ONLY if: [cre_infection]=1</p>	Infection source/type:	<table><tr><td colspan="3">checkbox</td></tr><tr><td>1</td><td>infection_source__1</td><td>BSI</td></tr><tr><td>2</td><td>infection_source__2</td><td>Lower respiratory infection</td></tr><tr><td>3</td><td>infection_source__3</td><td>IAI</td></tr></table>	checkbox			1	infection_source__1	BSI	2	infection_source__2	Lower respiratory infection	3	infection_source__3	IAI						
checkbox																					
1	infection_source__1	BSI																			
2	infection_source__2	Lower respiratory infection																			
3	infection_source__3	IAI																			

				<table border="1"> <tr> <td>4</td><td>infection_source__4</td><td>UTI</td></tr> <tr> <td>5</td><td>infection_source__5</td><td>SSI</td></tr> <tr> <td>6</td><td>infection_source__6</td><td>Other (please, specify below)</td></tr> </table>	4	infection_source__4	UTI	5	infection_source__5	SSI	6	infection_source__6	Other (please, specify below)					
4	infection_source__4	UTI																
5	infection_source__5	SSI																
6	infection_source__6	Other (please, specify below)																
99	[bsi_specify] Show the field ONLY if: [infection_source(1)]=1	BSI - Please, specify:	radio <table border="1"> <tr> <td>1</td><td>Primary</td></tr> <tr> <td>2</td><td>Secondary</td></tr> <tr> <td>3</td><td>CVC related</td></tr> </table>	1	Primary	2	Secondary	3	CVC related									
1	Primary																	
2	Secondary																	
3	CVC related																	
100	[other_sources] Show the field ONLY if: [infection_source(6)]=1	Other sources - Please, specify:	text															
101	[cre_isolate] Show the field ONLY if: [cre_infection] = '1'	Molecular characteristics of CRE infection isolate <i>Check all that apply.</i>	checkbox <table border="1"> <tr> <td>1</td><td>cre_isolate__1</td><td>KPC</td></tr> <tr> <td>2</td><td>cre_isolate__2</td><td>OXA-48</td></tr> <tr> <td>3</td><td>cre_isolate__3</td><td>VIM</td></tr> <tr> <td>4</td><td>cre_isolate__4</td><td>NDM</td></tr> <tr> <td>5</td><td>cre_isolate__5</td><td>Other (please, specify below)</td></tr> </table>	1	cre_isolate__1	KPC	2	cre_isolate__2	OXA-48	3	cre_isolate__3	VIM	4	cre_isolate__4	NDM	5	cre_isolate__5	Other (please, specify below)
1	cre_isolate__1	KPC																
2	cre_isolate__2	OXA-48																
3	cre_isolate__3	VIM																
4	cre_isolate__4	NDM																
5	cre_isolate__5	Other (please, specify below)																
102	[other_isolate] Show the field ONLY if: [cre_isolate(5)]=1	Other - Please, specify:	text															
103	[erta_2] Show the field ONLY if: [cre_infection] = '1'	Section Header: <i>Susceptibility of CRE infection isolate:</i> ERTAPENEM	radio (Matrix) <table border="1"> <tr> <td>1</td><td>R</td></tr> <tr> <td>2</td><td>S</td></tr> <tr> <td>3</td><td>I</td></tr> <tr> <td>4</td><td>NA</td></tr> </table>	1	R	2	S	3	I	4	NA							
1	R																	
2	S																	
3	I																	
4	NA																	
104	[mero_2] Show the field ONLY if: [cre_infection] = '1'	MEROPENEM	radio (Matrix) <table border="1"> <tr> <td>1</td><td>R</td></tr> <tr> <td>2</td><td>S</td></tr> <tr> <td>3</td><td>I</td></tr> <tr> <td>4</td><td>NA</td></tr> </table>	1	R	2	S	3	I	4	NA							
1	R																	
2	S																	
3	I																	
4	NA																	
105	[amik_2] Show the field ONLY if: [cre_infection] = '1'	AMIKACIN	radio (Matrix) <table border="1"> <tr> <td>1</td><td>R</td></tr> <tr> <td>2</td><td>S</td></tr> <tr> <td>3</td><td>I</td></tr> <tr> <td>4</td><td>NA</td></tr> </table>	1	R	2	S	3	I	4	NA							
1	R																	
2	S																	
3	I																	
4	NA																	
106	[gent_2]	GENTAMICIN	radio (Matrix) <table border="1"> <tr> <td>1</td><td>R</td></tr> </table>	1	R													
1	R																	

		Show the field ONLY if: [cre_infection] = '1'		<table><tr><td>2</td><td>S</td></tr><tr><td>3</td><td>I</td></tr><tr><td>4</td><td>NA</td></tr></table>	2	S	3	I	4	NA		
2	S											
3	I											
4	NA											
107	[tmp_smx_2]	Show the field ONLY if: [cre_infection] = '1'	TMP/SMX	radio (Matrix) <table><tr><td>1</td><td>R</td></tr><tr><td>2</td><td>S</td></tr><tr><td>3</td><td>I</td></tr><tr><td>4</td><td>NA</td></tr></table>	1	R	2	S	3	I	4	NA
1	R											
2	S											
3	I											
4	NA											
108	[tig_2]	Show the field ONLY if: [cre_infection] = '1'	TIGECYCLINE	radio (Matrix) <table><tr><td>1</td><td>R</td></tr><tr><td>2</td><td>S</td></tr><tr><td>3</td><td>I</td></tr><tr><td>4</td><td>NA</td></tr></table>	1	R	2	S	3	I	4	NA
1	R											
2	S											
3	I											
4	NA											
109	[col_2]	Show the field ONLY if: [cre_infection] = '1'	COLISTIN	radio (Matrix) <table><tr><td>1</td><td>R</td></tr><tr><td>2</td><td>S</td></tr><tr><td>3</td><td>I</td></tr><tr><td>4</td><td>NA</td></tr></table>	1	R	2	S	3	I	4	NA
1	R											
2	S											
3	I											
4	NA											
110	[cef_avi_2]	Show the field ONLY if: [cre_infection] = '1'	CEFTAZIDIME-AVIBACTAM	radio (Matrix) <table><tr><td>1</td><td>R</td></tr><tr><td>2</td><td>S</td></tr><tr><td>3</td><td>I</td></tr><tr><td>4</td><td>NA</td></tr></table>	1	R	2	S	3	I	4	NA
1	R											
2	S											
3	I											
4	NA											
111	[mero_vabo_2]	Show the field ONLY if: [cre_infection] = '1'	MEROPENEM/VABORBACTAM	radio (Matrix) <table><tr><td>1</td><td>R</td></tr><tr><td>2</td><td>S</td></tr><tr><td>3</td><td>I</td></tr><tr><td>4</td><td>NA</td></tr></table>	1	R	2	S	3	I	4	NA
1	R											
2	S											
3	I											
4	NA											
112	[imi_rel_2]	Show the field ONLY if: [cre_infection] = '1'	IMIPENEM/RELEBACTAM	radio (Matrix) <table><tr><td>1</td><td>R</td></tr><tr><td>2</td><td>S</td></tr><tr><td>3</td><td>I</td></tr><tr><td>4</td><td>NA</td></tr></table>	1	R	2	S	3	I	4	NA
1	R											
2	S											
3	I											
4	NA											
113	[cef_2]	Show the field ONLY if: [cre_infection] = '1'	CEFIDEROCOL	radio (Matrix) <table><tr><td>1</td><td>R</td></tr><tr><td>2</td><td>S</td></tr><tr><td>3</td><td>I</td></tr><tr><td>4</td><td>NA</td></tr></table>	1	R	2	S	3	I	4	NA
1	R											
2	S											
3	I											
4	NA											

114	<div>[other_ant_2]</div> <div>Show the field ONLY if: [cre_infection] = '1'</div>	Other	radio (Matrix) <table><tr><td>1</td><td>R</td></tr><tr><td>2</td><td>S</td></tr><tr><td>3</td><td>I</td></tr><tr><td>4</td><td>NA</td></tr></table>	1	R	2	S	3	I	4	NA
1	R										
2	S										
3	I										
4	NA										
115	<div>[erta_mic_2]</div> <div>Show the field ONLY if: [erta_2] = '1' or [erta_2] = '2' or [erta_2] = '3'</div>	ERTAPENEM-MIC:	text								
116	<div>[mero_mic_2]</div> <div>Show the field ONLY if: [mero_2] = '1' or [mero_2] = '2' or [mero_2] = '3'</div>	MEROPENEM-MIC:	text								
117	<div>[ami_mic_2]</div> <div>Show the field ONLY if: [amik_2] = '1' or [amik_2] = '2' or [amik_2] = '3'</div>	AMIKACIN-MIC:	text								
118	<div>[genta_mic_2]</div> <div>Show the field ONLY if: [gent_2] = '1' or [gent_2] = '2' or [gent_2] = '3'</div>	GENTAMICIN-MIC:	text								
119	<div>[tmp_smx_mic_2]</div> <div>Show the field ONLY if: [tmp_smx_2] = '1' or [tmp_smx_2] = '2' or [tmp_smx_2] = '3'</div>	TMP/SMX-MIC:	text								
120	<div>[tige_mic_2]</div> <div>Show the field ONLY if: [tig_2] = '1' or [tig_2] = '2' or [tig_2] = '3'</div>	TIGECYCLINE-MIC:	text								
121	<div>[col_mic_2]</div> <div>Show the field ONLY if: [col_2] = '1' or [col_2] = '2' or [col_2] = '3'</div>	COLISTIN-MIC:	text								
122	<div>[cef_avi_mic_2]</div> <div>Show the field ONLY if:</div>	CEFTAZIDIME-AVIBACTAM-MIC:	text								

		[cef_avi_2] = '1' or [cef_avi_2] = '2' or [cef_avi_2] = '3'								
	123	[mero_vab_mic_2] Show the field ONLY if: [mero_vabo_2] = '1' or [mero_vabo_2] = '2' or [mero_vabo_2] = '3'	MEROPENEM/VABORBACTAM-MIC:	text						
	124	[imi_rel_mic_2] Show the field ONLY if: [imi_rel_2] = '1' or [imi_rel_2] = '2' or [imi_rel_2] = '3'	IMIPENEM/RELEBACTAM-MIC:	text						
	125	[cef_mic_2] Show the field ONLY if: [cef_2] = '1' or [cef_2] = '2' or [cef_2] = '3'	CEFIDEROCOL-MIC:	text						
	126	[other_drug_specify_2] Show the field ONLY if: [other_ant_2] = '1' or [other_ant_2] = '2' or [other_ant_2] = '3' or [other_ant_2] = '4'	Other - Please, specify:	text						
	127	[other_mic_2] Show the field ONLY if: [other_ant_2] = '1' or [other_ant_2] = '2' or [other_ant_2] = '3'	Other-MIC:	text						
	128	[source_control] Show the field ONLY if: [cre_infection] = '1'	Source control?	radio <table border="1"><tr><td>0</td><td>No</td></tr><tr><td>1</td><td>Yes</td></tr><tr><td>2</td><td>NA</td></tr></table>	0	No	1	Yes	2	NA
0	No									
1	Yes									
2	NA									
	129	[management_of_cre_colonization_and_cre_infection_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: CRECOOLT score evaluation (crecoolt_score_evaluation)										
	130	[new_events] Show the field ONLY if:	Section Header: <i>CRECOOLT score should be collected during the prospective period weekly and/or upon to new events (see list below), until day 60 after OLT</i>	descriptive						

		[olt_date_of_transp_arm_1][retro_or_pros]=2	<div>([olt_date_of_transp_arm_1][date_of_transplant]) or hospital discharge</div> <div>NEW EVENTS:<ul style="list-style-type: none">- CRE colonization detected post-transplant- Multisite colonization- Need for prolonged (≥48 hours) mechanical ventilation- Acute renal failure- Reintervention</div> <div>>>> Go to the CRECOOLT score calculator</div>																					
131	[note_retrospective] <div>Show the field ONLY if: [olt_date_of_transp_arm_1][retro_or_pros]=1</div>	Since the OLT ([olt_date_of_transp_arm_1][date_of_transplant]) has been performed before this study protocol, you don't need to fill in this form. Please, skip it and go to the next form.	descriptive																					
132	[score_date] <div>Show the field ONLY if: [olt_date_of_transp_arm_1][retro_or_pros]=2</div>	CRECOOLT score evaluation date:	text (date_dmy)																					
133	[events] <div>Show the field ONLY if: [olt_date_of_transp_arm_1][retro_or_pros]=2</div>	Have any events occurred?	yesno <table><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																							
134	[event_type] <div>Show the field ONLY if: [olt_date_of_transp_arm_1][retro_or_pros]=2 and [events]=1</div>	Which type of event? <i>Check all that apply</i>	checkbox <table><tr><td>1</td><td>event_type__1</td><td>Surgical reintervention</td></tr><tr><td>2</td><td>event_type__2</td><td>CRE colonization post-transplant</td></tr><tr><td>3</td><td>event_type__3</td><td>Acute renal failure</td></tr><tr><td>4</td><td>event_type__4</td><td>Mechanical ventilation</td></tr><tr><td>5</td><td>event_type__5</td><td>CRE colonization 60-days prior to transplant</td></tr><tr><td>6</td><td>event_type__6</td><td>Multi-site colonization post-transplant</td></tr><tr><td>7</td><td>event_type__7</td><td>Other (please, specify below)</td></tr></table>	1	event_type__1	Surgical reintervention	2	event_type__2	CRE colonization post-transplant	3	event_type__3	Acute renal failure	4	event_type__4	Mechanical ventilation	5	event_type__5	CRE colonization 60-days prior to transplant	6	event_type__6	Multi-site colonization post-transplant	7	event_type__7	Other (please, specify below)
1	event_type__1	Surgical reintervention																						
2	event_type__2	CRE colonization post-transplant																						
3	event_type__3	Acute renal failure																						
4	event_type__4	Mechanical ventilation																						
5	event_type__5	CRE colonization 60-days prior to transplant																						
6	event_type__6	Multi-site colonization post-transplant																						
7	event_type__7	Other (please, specify below)																						

135	[other_event] Show the field ONLY if: [olt_date_of_transp_arm_1][retro_or_pros]=2 and [event_type(7)]=1	Other event - Please, specify:	text									
136	[score] Show the field ONLY if: [olt_date_of_transp_arm_1][retro_or_pros]=2	Estimated probability of CRE infections (%) according to the CRECOOLT score: <i>Range: 0-100%</i>	text (number, Min: 0, Max: 100)									
137	[score_impact] Show the field ONLY if: [olt_date_of_transp_arm_1][retro_or_pros]=2	Did the CRECOOLT score impact on patient management?	checkbox <table border="1"> <tr> <td>1</td> <td>score_impact__1</td> <td>No impact</td> </tr> <tr> <td>2</td> <td>score_impact__2</td> <td>Yes, an anti-CRE therapy was started</td> </tr> <tr> <td>3</td> <td>score_impact__3</td> <td>Yes, diagnostic tests were performed</td> </tr> </table>	1	score_impact__1	No impact	2	score_impact__2	Yes, an anti-CRE therapy was started	3	score_impact__3	Yes, diagnostic tests were performed
1	score_impact__1	No impact										
2	score_impact__2	Yes, an anti-CRE therapy was started										
3	score_impact__3	Yes, diagnostic tests were performed										
138	[cre_therapy] Show the field ONLY if: [score_impact(2)]=1	Which type of anti-CRE therapy? <i>New drugs regimen: ceftazidime/avibactam, meropenem/vaborbactam, cefiderocol, ceftolozane/tazobactam</i>	checkbox <table border="1"> <tr> <td>1</td> <td>cre_therapy__1</td> <td>New drugs regimen</td> </tr> <tr> <td>2</td> <td>cre_therapy__2</td> <td>Old drugs regimen</td> </tr> </table>	1	cre_therapy__1	New drugs regimen	2	cre_therapy__2	Old drugs regimen			
1	cre_therapy__1	New drugs regimen										
2	cre_therapy__2	Old drugs regimen										
139	[diagno_test] Show the field ONLY if: [score_impact(3)]=1	Which type of diagnostic testing?	checkbox <table border="1"> <tr> <td>1</td> <td>diagno_test__1</td> <td>Imaging</td> </tr> <tr> <td>2</td> <td>diagno_test__2</td> <td>Microbiological testing</td> </tr> </table>	1	diagno_test__1	Imaging	2	diagno_test__2	Microbiological testing			
1	diagno_test__1	Imaging										
2	diagno_test__2	Microbiological testing										
140	[crecoolt_score_evaluation_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: Microbiological Screening (microbiological_screening)												
141	[micro_screen_blood]	Section Header: <i>In the 60 days from OLT ([date_of_transplant]), please indicate:</i> Overall number of blood cultures performed:	text (integer)									
142	[micro_screen_resp]	Overall number of respiratory samples performed: (e.g. BAL)	text (integer)									
143	[micro_screen_urino]	Overall number of urino-cultures performed:	text (integer)									
144	[micro_screen_intra_abd]	Overall number of intra-abdominal samples performed:	text (integer)									
145	[microbiological_screening_complete]	Section Header: <i>Form Status</i> Complete?	dropdown <table border="1"> <tr> <td>0</td> <td>Incomplete</td> </tr> </table>	0	Incomplete							
0	Incomplete											

				<table border="1"> <tr> <td>1</td><td>Unverified</td></tr> <tr> <td>2</td><td>Complete</td></tr> </table>	1	Unverified	2	Complete																						
1	Unverified																													
2	Complete																													
Instrument: Exposure To CRE Antibiotics (exposure_to_cre_antibiotics)																														
146	[drug]	<p>Section Header: <i>Exposure to CRE antibiotics within 180 days after OLT ([date_of_transplant])</i></p> <p>Drug:</p>	<p>dropdown (autocomplete)</p> <table border="1"> <tr><td>1</td><td>ERTAPENEM</td></tr> <tr><td>2</td><td>MEROPENEM</td></tr> <tr><td>3</td><td>AMIKACIN</td></tr> <tr><td>4</td><td>GENTAMICIN</td></tr> <tr><td>5</td><td>TMP/SMX</td></tr> <tr><td>6</td><td>TIGECYCLINE</td></tr> <tr><td>7</td><td>COLISTIN</td></tr> <tr><td>8</td><td>CEFTAZIDIME-AVIBACTAM</td></tr> <tr><td>9</td><td>MEROPENEM/VABORBACTAM</td></tr> <tr><td>10</td><td>IMIPENEM/RELEBACTAM</td></tr> <tr><td>11</td><td>CEFIDEROCOL</td></tr> <tr><td>12</td><td>FOSFOMYCIN</td></tr> <tr><td>13</td><td>Other</td></tr> </table>		1	ERTAPENEM	2	MEROPENEM	3	AMIKACIN	4	GENTAMICIN	5	TMP/SMX	6	TIGECYCLINE	7	COLISTIN	8	CEFTAZIDIME-AVIBACTAM	9	MEROPENEM/VABORBACTAM	10	IMIPENEM/RELEBACTAM	11	CEFIDEROCOL	12	FOSFOMYCIN	13	Other
1	ERTAPENEM																													
2	MEROPENEM																													
3	AMIKACIN																													
4	GENTAMICIN																													
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9	MEROPENEM/VABORBACTAM																													
10	IMIPENEM/RELEBACTAM																													
11	CEFIDEROCOL																													
12	FOSFOMYCIN																													
13	Other																													
147	[other_drug]	Other drug - Please, specify:	text																											
	Show the field ONLY if: [drug]=13																													
148	[combination_treat]	Drug administered in combination with other anti-Gram-negative antibiotics?	<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																													
149	[daily_dosage]	Total daily dosage (mg): <i>In milligrams (mg)</i>	text (number)																											
150	[daily_dosage_adjusted]	Adjustment daily dosage	<p>checkbox</p> <table border="1"> <tr> <td>1</td><td>daily_dosage_adjusted__1</td><td>Renal function</td></tr> <tr> <td>2</td><td>daily_dosage_adjusted__2</td><td>TDM</td></tr> <tr> <td>3</td><td>daily_dosage_adjusted__3</td><td>Other (please, specify below)</td></tr> </table>		1	daily_dosage_adjusted__1	Renal function	2	daily_dosage_adjusted__2	TDM	3	daily_dosage_adjusted__3	Other (please, specify below)																	
1	daily_dosage_adjusted__1	Renal function																												
2	daily_dosage_adjusted__2	TDM																												
3	daily_dosage_adjusted__3	Other (please, specify below)																												
151	[other_adjust]	Other - Please, specify:	text																											
	Show the field ONLY if: [daily_dosage_adjusted(3)]=1																													
152	[administration_schedule]	Administration schedule	<p>radio</p> <table border="1"> <tr> <td>1</td><td>Intermittent</td></tr> </table>		1	Intermittent																								
1	Intermittent																													

				<table border="1"> <tr> <td>2</td><td>Continuous</td></tr> <tr> <td>3</td><td>Prolonged</td></tr> </table>	2	Continuous	3	Prolonged	
2	Continuous								
3	Prolonged								
153	[start_date]	Start date	text (date_dmy)						
154	[end_date]	End date	text (date_dmy)						
155	[indication]	Indication	radio <table border="1"> <tr> <td>1</td><td>Symptoms onset</td></tr> <tr> <td>2</td><td>CRECOOLT score</td></tr> <tr> <td>3</td><td>Documented infection</td></tr> </table>	1	Symptoms onset	2	CRECOOLT score	3	Documented infection
1	Symptoms onset								
2	CRECOOLT score								
3	Documented infection								
156	[exposure_to_cre_anti_biotics_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: Outcome at 180 days (outcome_at_180_days)									
157	[death]	All-cause death within 180-days from [date_of_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								
158	[death_date] Show the field ONLY if: [death]=1	Please, specify the date:	text (date_dmy)						
159	[discharge_date]	Date of hospital discharge after transplantation:	text (date_dmy)						
160	[length_of_icu_stay]	Length of ICU stay after transplantation: <i>days</i>	calc Calculation: round(datediff([date_discharge_icu], [date_admission_icu], 'd', 'dmy'))						
161	[hospital_readmissions]	Number of hospital readmissions within 6 months after OLT:	text (number)						
162	[cre_clearance]	Documentation of CRE colonization clearance? <i>CRE colonization clearance: three consecutive surveillance culture negative results.</i>	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								
163	[clearance_date] Show the field ONLY if: [cre_clearance]=1	Please, specify the date:	text (date_dmy)						
164	[cre_recurrence]	CRE infection recurrence?	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								
165	[relapse_date] Show the field ONLY if:	Please, specify the date:	text (date_dmy)						

		[cre_recurrence]=1																	
	166	[further_resistance]	Emergence of further resistance? <i>This could apply to either persistent colonization or relapse isolates.</i>	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																		
	167	[new_resistance_date] Show the field ONLY if: [further_resistance]=1	Please, specify the date of isolation resistant strain with the new resistance profile:	text (date_dmy)															
	168	[new_resistance_molecule] Show the field ONLY if: [further_resistance]=1	Molecular characteristics: <i>Check all that apply.</i>	checkbox <table border="1"> <tr> <td>1</td><td>new_resistance_molec__1</td><td>KPC</td></tr> <tr> <td>2</td><td>new_resistance_molec__2</td><td>Oxa-48</td></tr> <tr> <td>3</td><td>new_resistance_molec__3</td><td>VIM</td></tr> <tr> <td>4</td><td>new_resistance_molec__4</td><td>NDM</td></tr> <tr> <td>5</td><td>new_resistance_molec__5</td><td>Other (please, specify below)</td></tr> </table>	1	new_resistance_molec__1	KPC	2	new_resistance_molec__2	Oxa-48	3	new_resistance_molec__3	VIM	4	new_resistance_molec__4	NDM	5	new_resistance_molec__5	Other (please, specify below)
1	new_resistance_molec__1	KPC																	
2	new_resistance_molec__2	Oxa-48																	
3	new_resistance_molec__3	VIM																	
4	new_resistance_molec__4	NDM																	
5	new_resistance_molec__5	Other (please, specify below)																	
	169	[other_mol] Show the field ONLY if: [new_resistance_molecule(5)]=1	Other - Please, specify:	text															
	170	[erta_3]	Section Header: <i>Susceptibility of CRE infection strain:</i> ERTAPENEM	radio (Matrix) <table border="1"> <tr> <td>1</td><td>R</td></tr> <tr> <td>2</td><td>S</td></tr> <tr> <td>3</td><td>I</td></tr> <tr> <td>4</td><td>NA</td></tr> </table>	1	R	2	S	3	I	4	NA							
1	R																		
2	S																		
3	I																		
4	NA																		
	171	[mero_3]	MEROPENEM	radio (Matrix) <table border="1"> <tr> <td>1</td><td>R</td></tr> <tr> <td>2</td><td>S</td></tr> <tr> <td>3</td><td>I</td></tr> <tr> <td>4</td><td>NA</td></tr> </table>	1	R	2	S	3	I	4	NA							
1	R																		
2	S																		
3	I																		
4	NA																		
	172	[amik_3]	AMIKACIN	radio (Matrix) <table border="1"> <tr> <td>1</td><td>R</td></tr> <tr> <td>2</td><td>S</td></tr> <tr> <td>3</td><td>I</td></tr> <tr> <td>4</td><td>NA</td></tr> </table>	1	R	2	S	3	I	4	NA							
1	R																		
2	S																		
3	I																		
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	173	[gent_3]	GENTAMICIN	radio (Matrix) <table border="1"> <tr> <td>1</td><td>R</td></tr> <tr> <td>2</td><td>S</td></tr> </table>	1	R	2	S											
1	R																		
2	S																		

				<table><tr><td>3</td><td>I</td></tr><tr><td>4</td><td>NA</td></tr></table>	3	I	4	NA				
3	I											
4	NA											
	174	[tmp_smx_3]	TMP/SMX	radio (Matrix) <table><tr><td>1</td><td>R</td></tr><tr><td>2</td><td>S</td></tr><tr><td>3</td><td>I</td></tr><tr><td>4</td><td>NA</td></tr></table>	1	R	2	S	3	I	4	NA
1	R											
2	S											
3	I											
4	NA											
	175	[tig_3]	TIGECYCLINE	radio (Matrix) <table><tr><td>1</td><td>R</td></tr><tr><td>2</td><td>S</td></tr><tr><td>3</td><td>I</td></tr><tr><td>4</td><td>NA</td></tr></table>	1	R	2	S	3	I	4	NA
1	R											
2	S											
3	I											
4	NA											
	176	[col_3]	COLISTIN	radio (Matrix) <table><tr><td>1</td><td>R</td></tr><tr><td>2</td><td>S</td></tr><tr><td>3</td><td>I</td></tr><tr><td>4</td><td>NA</td></tr></table>	1	R	2	S	3	I	4	NA
1	R											
2	S											
3	I											
4	NA											
	177	[cef_avi_3]	CEFTAZIDIME-AVIBACTAM	radio (Matrix) <table><tr><td>1</td><td>R</td></tr><tr><td>2</td><td>S</td></tr><tr><td>3</td><td>I</td></tr><tr><td>4</td><td>NA</td></tr></table>	1	R	2	S	3	I	4	NA
1	R											
2	S											
3	I											
4	NA											
	178	[mero_vabo_3]	MEROPENEM/VABORBACTAM	radio (Matrix) <table><tr><td>1</td><td>R</td></tr><tr><td>2</td><td>S</td></tr><tr><td>3</td><td>I</td></tr><tr><td>4</td><td>NA</td></tr></table>	1	R	2	S	3	I	4	NA
1	R											
2	S											
3	I											
4	NA											
	179	[imi_rel_3]	IMIPENEM/RELEBACTAM	radio (Matrix) <table><tr><td>1</td><td>R</td></tr><tr><td>2</td><td>S</td></tr><tr><td>3</td><td>I</td></tr><tr><td>4</td><td>NA</td></tr></table>	1	R	2	S	3	I	4	NA
1	R											
2	S											
3	I											
4	NA											
	180	[cef_3]	CEFIDEROCOL	radio (Matrix) <table><tr><td>1</td><td>R</td></tr><tr><td>2</td><td>S</td></tr><tr><td>3</td><td>I</td></tr><tr><td>4</td><td>NA</td></tr></table>	1	R	2	S	3	I	4	NA
1	R											
2	S											
3	I											
4	NA											
	181	[other_ant_3]	Other	radio (Matrix)								

				<table><tr><td>1</td><td>R</td></tr><tr><td>2</td><td>S</td></tr><tr><td>3</td><td>I</td></tr><tr><td>4</td><td>NA</td></tr></table>	1	R	2	S	3	I	4	NA
1	R											
2	S											
3	I											
4	NA											
	182	<p>[erta_mic_3]</p> <p>Show the field ONLY if: [erta_3] = '1' or [erta_3] = '2' or [erta_3] = '3'</p>	ERTAPENEM-MIC:	text								
	183	<p>[mero_mic_3]</p> <p>Show the field ONLY if: [mero_3] = '1' or [mero_3] = '2' or [mero_3] = '3'</p>	MEROPENEM-MIC:	text								
	184	<p>[ami_mic_3]</p> <p>Show the field ONLY if: [amik_3] = '1' or [amik_3] = '2' or [amik_3] = '3'</p>	AMIKACIN-MIC:	text								
	185	<p>[genta_mic_3]</p> <p>Show the field ONLY if: [gent_3] = '1' or [gent_3] = '2' or [gent_3] = '3'</p>	GENTAMICIN-MIC:	text								
	186	<p>[tmp_smx_mic_3]</p> <p>Show the field ONLY if: [tmp_smx_3] = '1' or [tmp_smx_3] = '2' or [tmp_smx_3] = '3'</p>	TMP/SMX-MIC:	text								
	187	<p>[tige_mic_3]</p> <p>Show the field ONLY if: [tig_3] = '1' or [tig_3] = '2' or [tig_3] = '3'</p>	TIGECYCLINE-MIC:	text								
	188	<p>[col_mic_3]</p> <p>Show the field ONLY if: [col_3] = '1' or [col_3] = '2' or [col_3] = '3'</p>	COLISTIN-MIC:	text								

189	[cef_avi_mic_3] Show the field ONLY if: [cef_avi_3] = '1' or [cef_avi_3] = '2' or [cef_avi_3] = '3'	CEFTAZIDIME-AVIBACTAM-MIC:	text						
190	[mero_vab_mic_3] Show the field ONLY if: [mero_vabo_3] = '1' or [mero_vabo_3] = '2' or [mero_vabo_3] = '3'	MEROPENEM/VABORBACTAM-MIC:	text						
191	[imi_rel_mic_3] Show the field ONLY if: [imi_rel_3] = '1' or [imi_rel_3] = '2' or [imi_rel_3] = '3'	IMIPENEM/RELEBACTAM-MIC:	text						
192	[cef_mic_3] Show the field ONLY if: [cef_3] = '1' or [cef_3] = '2' or [cef_3] = '3'	CEFIDEROCOL-MIC:	text						
193	[other_drug_specify_3] Show the field ONLY if: [other_ant_3] = '1' or [other_ant_3] = '2' or [other_ant_3] = '3' or [other_ant_3] = '4'	Other - Please, specify:	text						
194	[other_mic_3] Show the field ONLY if: [other_ant_3] = '1' or [other_ant_3] = '2' or [other_ant_3] = '3'	Other-MIC:	text						
195	[outcome_at_180_days_complete]	Section Header: <i>Form Status</i> Complete?	dropdown <table><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								