

## Extract By Encounter Type

### Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
# babies born	ART0950	Number of babies born at 20 weeks + one day or more, including live born and still born.		
# embryos cryopreserved	ART0590	Number of embryos frozen or vitrified in this cycle		
# embryos thawed	ART0670	Number of embryos thawed/warmed in this FET cycle		
# embryos transferred	ART0790	Number of embryos transferred fresh and/or thawed/warmed, including thawed embryos added to a fresh transfer. Include all embryos transferred even if on different days		
# of follicles <15mm	ART0270	Number of small, growing follicles (<15mm) at trigger or cancellation.		
# of follicles >=15mm	ART0280	Number of large, growing follicles (≥15 mm) at trigger or cancellation.		
# of MII oocytes	ART0560	Number of MII oocytes injected and/or number of MII oocytes on day 1 after conventional IVF (not possible to have an accurate value on day 0 in conventional IVF)		
# of oocytes cryopreserved	ART0420	Number of oocytes frozen or vitrified in an oocyte banking cycle or an IVF cycle e.g. no sperm were available		
# oocytes inseminated/injected	ART0530	Number of COCs inseminated by conventional IVF and/or number of oocytes injected by ICSI		
# oocytes not used	ART0540	Number of COCs collected in a fresh cycle or number of thawed/warmed oocytes that were not used in this cycle		
# US fetal hearts	ART0890	Number of fetal hearts (includes ectopic or heterotopic) by ultrasonographic visualization at ≈6-8 weeks. If a later ultrasound showed more fetal hearts, enter the later results.		
# US fetal sacs	ART0880	Number of gestational sacs (includes ectopic and heterotopic) by ultrasonographic visualization at ≈6-8 weeks		

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
# utilizable embryos	ART0580	Number of embryos utilizable by the end of the culture period regardless if surplus embryos were frozen or not		
# utilizable embryos after thaw	ART0700	Number of thawed/warmed embryos utilizable for transfer or refreezing by end of culture post thaw/warm.		
Adjuvant medication	ART0230	Medication received by oocyte provider to modify the effect of the gonadotropins. Select all applicable	Growth Hormone	
			DHEA	
			CoQ10	
			Steroid (dexamethasone, prednisone)	
			Sildenafil	
			Thyroid medication (topical, patch)	
			Testosterone patch	
			Aspirin	
			Metformin	
			Dopine Receptor Agonist (cabergoline, dostinex, cabaser)	
None				
Other				
AFC of oocyte provider	ART0190	Antral Follicle Count (AFC) of oocyte provider.		
Age of oocyte provider	ART0400	Patient age at oocyte collection when using own oocytes or donor age at oocyte collection when using donor oocytes.  Range 10-55  There is the ability to set the age to unknown if not available for donor oocytes but this will limit the cycle's inclusion in analysis based on age of oocyte provider.		
Age of sperm provider	ART0470	Age of sperm provider at sperm collection. Do not enter if more than one sperm provider is used in this cycle or if sperm from more than one collection date is used in this cycle (e.g. fresh and frozen sperm used)		

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
AMH level of oocyte provider	ART0200	Anti-Mullerian Hormone level of oocyte provider		
AMH level of oocyte provider Unit of Measure	ART0200-1	AMH level of oocyte provider Unit of Measure. Radio button to select unit (ng/mL or pmol/L)		
ART Admission to NICU	ART1060	Indicate newborn's transfer to the NICU		
ART All Indications for Caesarian Section	ART0960	Indicate all medical and non-medical indications for caesarean section.	Fetal	
			Fetal \ Anomaly(ies)	
			Fetal \ Atypical or Abnormal Fetal Surveillance	Atypical or abnormal fetal surveillance. Includes fetal wellbeing concerns.
			Fetal \ Cord prolapse	
			Fetal \ Intrauterine Growth Restriction	
			Fetal \ Macrosomia	
			Fetal \ Malposition/Malpresentation	
			Maternal \ Failed forceps / vacuum	
			Maternal	
			Maternal \ Failed Induction	
			Maternal \ HIV – Human Immunodeficiency Virus	
			Maternal \ HSV - Herpes Simplex Virus	
			Maternal \ Hypertensive disorders of pregnancy - Eclampsia	
			Maternal \ Hypertensive disorders of pregnancy - HELLP	
			Maternal \ Hypertensive disorders of pregnancy - Preeclampsia	
			Maternal \ Maternal Health Condition(s)	
			Maternal \ Multiple gestation	
			Maternal \ Nonprogressive first stage of labour	
			Maternal \ Nonprogressive second stage of labour	

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
ART All Indications for Caesarian Section	ART0960	Indicate all medical and non-medical indications for caesarean section.	Maternal \ Obesity	
			Maternal \ Other Obstetrical Complication	
			Maternal \ Placenta previa	
			Maternal \ Placental abruption	
			Maternal \ Prelabour Rupture of Membranes (PROM) in women with planned C/Section	Rupture of membranes at or greater than 37 weeks and 0 days GA prior to the onset of labour.
			Maternal \ Preterm prelabour rupture of membranes (PPROM) in women with planned C/Section	Rupture of membranes before 37 weeks and 0 days GA prior to labour.
			Maternal \ Previous C/Section	
			Maternal \ Previous uterine rupture	
			Maternal \ Suspected chorioamnionitis	
			Maternal \ Uterine rupture	
			Maternal \ VBAC - Declined VBAC	
			Maternal \ VBAC - Failed attempt	
			Maternal \ VBAC - Not eligible	
			Other \ Accommodates Care Provider/Organization	
			Other \ Maternal Request	
			Other	
Unknown				
ART All Indications for Induction of Labour	ART0957	All indications for induction of labour. Induction refers to the initiation of labour.	Fetal	
			Fetal \ Atypical or Abnormal Fetal Surveillance	
			Fetal \ Fetal anomaly/ies	
			Fetal \ Fetal demise	
			Fetal \ Isoimmunization/Alloimmunization	
			Fetal \ Intrauterine Growth Restriction	

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
ART All Indications for Induction of Labour	ART0957	All indications for induction of labour. Induction refers to the initiation of labour.	Fetal \ Macrosomia	
			Fetal \ Multiple gestation	
			Fetal \ Other Fetal Complication	
			Fetal \ Post dates	
			Fetal \ Termination of Pregnancy	
			Maternal \ Diabetes	
			Maternal \ History of precipitous delivery	
			Maternal	
			Maternal \ Oligohydramnios	
			Maternal \ Other Obstetrical Complications/Concerns	
			Maternal \ Polyhydramnios	
			Maternal \ Preeclampsia/Hypertension	
			Maternal \ Pre-existing maternal medical conditions	
			Maternal \ Prelabour rupture of membranes (PROM)	Rupture of membranes at or greater than 37 weeks and 0 days GA prior to the onset of labour.
			Maternal \ Preterm prelabour rupture of membranes (PPROM)	Rupture of membranes before 37 weeks and 0 days GA prior to labour.
			Other \ Accommodates Care Provider/Organization	
Other \ Distance from birth hospital/Safety precaution				
Other \ Maternal Request				
Other				
Unknown				
ART APGAR 1	ART1020	APGAR Score at 1 minute.	10	
			9	
			8	

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
ART APGAR 1	ART1020	APGAR Score at 1 minute.	7	
			6	
			5	
			4	
			3	
			2	
			1	
			0	
			Unknown	
ART APGAR 10	ART1040	APGAR Score at 10 minutes.	10	
			9	
			8	
			7	
			6	
			5	
			4	
			3	
			2	
			1	
			0	
			Unknown	
ART APGAR 5	ART1030	APGAR Score at 2 minutes.	10	
			9	

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
ART APGAR 5	ART1030	APGAR Score at 2 minutes.	8	
			7	
			6	
			5	
			4	
			3	
			2	
			1	
			0	
			Unknown	
ART Augmentation	ART0956	Interventions used to improve the quality and effectiveness when labour start is spontaneous.	None	Select if none of the available pick list options apply. For example, nonmedical options.
			Prostaglandin	
			Amniotomy	
			Oxytocin	
			Unknown	
ART Birth weight	ART0980	Birth weight in grams		
ART Cervical Ripening	ART0958	Indicate interventions used to ripen cervix for labour prior to induction. Select all that apply.	None	
			Balloon/Mechanical Method (i.e. Foley Catheter)	
			Laminaria/artificial tent	
			Prostaglandin	
			Unknown	
ART Chorionicity	ART0900	The nature of the chorion from which individuals are derived e.g., within the same chorion (monochorionic or 1), dichorionic twins develop within their own chorion (2), trichorionic (3), and quadrachorionic (4).	1 chorion	

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
ART Chorionicity	ART0900	The nature of the chorion from which individuals are derived e.g., within the same chorion (monochorionic or 1), dichorionic twins develop within their own chorion (2), trichorionic (3), and quadchorionic (4).	2 chorion	
			3 chorion	
			4 chorion	
			Unknown	
ART Complications of Pregnancy	ART0952	Complications experienced by patient/ovocyte donor during this cycle. Select all applicable. Enter 'none' for complications not on this list.	None	
			Fetal \ Anomaly(ies)	
			Fetal \ Isoimmunization/Alloimmunization	
			Fetal	
			Fetal \ Intrauterine Growth Restriction	
			Fetal \ LGA	
			Fetal \ Oligohydramnios	
			Fetal \ Polyhydramnios	
			Fetal \ Other	
			Maternal \ Anemia unresponsive to therapy	
			Maternal \ Antepartum Bleeding (Persistent and unexplained)	
			Maternal \ Gestational diabetes	
			Maternal	
			Maternal \ Hyperemesis Gravidarum (Requiring Hospital Admission)	
Maternal \ Hypertensive Disorders in Pregnancy				
Maternal \ Prelabour rupture of membranes (PROM)				
Maternal \ Preterm labour prior to this admission				
Maternal \ Preterm prelabour rupture of membranes (PPROM)				



## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
ART Complications of Pregnancy	ART0952	Complications experienced by patient/oocyte donor during this cycle. Select all applicable. Enter 'none' for complications not on this list.	Maternal \ Other	
			Placental \ Placenta accreta	
			Placental \ Placenta increta	
			Placental \ Placenta percreta	
			Placental \ Placenta previa	
			Placental \ Placental Abruption	
			Placental \ Other	
			Unknown	
ART Congenital anomalies	ART0990	All structural, functional, and genetic anomalies diagnosed in aborted fetuses, at birth or in the neonatal period.	None	No anomalies are suspected or confirmed.
			Head-Cranium & Brain \ Absent cerebellar vermis	
			Head-Cranium & Brain \ Absent cerebellum	
			Head-Cranium & Brain \ Acrania	
			Head-Cranium & Brain \ Agenesis of corpus callosum (ACC)	
			Head-Cranium & Brain \ Anencephaly	
			Head-Cranium & Brain \ Aqueductal stenosis	
			Head-Cranium & Brain \ Arachnoid cyst(s)	
			Head-Cranium & Brain \ Arhinencephaly	
			Head-Cranium & Brain \ Arnold Chiari malformation	
			Head-Cranium & Brain \ Atresia of foramina of Magendie & Luschka	
			Head-Cranium & Brain \ Banana cerebellum	
			Head-Cranium & Brain \ Brachycephaly	
Head-Cranium & Brain \ Brain tumor				

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
ART Congenital anomalies	ART0990	All structural, functional, and genetic anomalies diagnosed in aborted fetuses, at birth or in the neonatal period.	Head-Cranium & Brain \ Calcification - intracranial	
			Head-Cranium & Brain \ Cavum Septi Pellucidum (CSP) absent	
			Head-Cranium & Brain \ Cerebellar & posterior fossa haemorrhage	
			Head-Cranium & Brain \ Cerebral AVM (arteriovenous malformation)	
			Head-Cranium & Brain \ Cloverleaf shaped head	
			Head-Cranium & Brain \ Congenital cerebral cysts	
			Head-Cranium & Brain \ Craniorachischisis	
			Head-Cranium & Brain \ Craniosynostosis	
			Head-Cranium & Brain \ Dandy-Walker malformation / variant (DWM)	
			Head-Cranium & Brain \ Dolichocephaly	
			Head-Cranium & Brain \ Encephalocele	
			Head-Cranium & Brain \ Enlarged cisterna magna	
			Head-Cranium & Brain \ Holoprosencephaly	
			Head-Cranium & Brain \ Hydranencephaly	
			Head-Cranium & Brain \ Hydrocephalus	
			Head-Cranium & Brain \ Iniencephaly	
			Head-Cranium & Brain \ Intracerebral haemorrhage	
Head-Cranium & Brain \ Intraventricular haemorrhage (IVH)				
Head-Cranium & Brain \ Lissencephaly				
Head-Cranium & Brain \ Macrocephaly				
Head-Cranium & Brain \ Megalencephaly				
Head-Cranium & Brain \ Microcephaly				
Head-Cranium & Brain \ Plagiocephaly				

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
ART Congenital anomalies	ART0990	All structural, functional, and genetic anomalies diagnosed in aborted fetuses, at birth or in the neonatal period.	Head-Cranium & Brain \ Porencephalic cyst(s)	
			Head-Cranium & Brain \ Posterior fossa cyst	
			Head-Cranium & Brain \ Prominent forehead	
			Head-Cranium & Brain \ Prominent occiput	
			Head-Cranium & Brain \ Seizures	
			Head-Cranium & Brain \ Septo-optic dysplasia	
			Head-Cranium & Brain \ Small cerebellum	
			Head-Cranium & Brain \ Subarachnoid haemorrhage	
			Head-Cranium & Brain \ Vein of Galen aneurysm	
			Head-Cranium & Brain \ Ventriculomegaly - mild (10-15 mm)	
			Head-Cranium & Brain \ Ventriculomegaly - severe (>15 mm)	
			Head-Cranium & Brain \ Other - malformations of the head & Brain	
			Head-Cranium & Brain	
			Face \ EARS	
			Face \ EARS-Ears - absent (anotia)	
			Face \ EARS-Ears - low set	
			Face \ EARS-Ears - small (microtia)	
			Face \ EYES	
			Face \ EYES-Anophthalmia	
			Face \ EYES-Congenital cataract	
Face \ EYES-Cyclops				
Face \ EYES-Hypertelorism				
Face \ EYES-Hypotelorism				

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
ART Congenital anomalies	ART0990	All structural, functional, and genetic anomalies diagnosed in aborted fetuses, at birth or in the neonatal period.	Face \ EYES-Macrophthalmia	
			Face \ EYES-Microphthalmia	
			Face \ EYES-Retinoblastoma	
			Face \ Abnormalities	
			Face \ MOUTH	
			Face \ MOUTH-Cleft lip	
			Face \ MOUTH-Cleft lip & palate	
			Face \ MOUTH-Cleft palate	
			Face \ MOUTH-Flat face	
			Face \ MOUTH-Macroglossia	
			Face \ MOUTH-Micrognathia	
			Face \ MOUTH-Retrognathia	
			Face \ NOSE	
			Face \ NOSE-Absent nose	
			Face \ NOSE-Choanal atresia	
			Face \ NOSE-Hypoplastic nose	
			Face \ NOSE-Proboscis	
			Face \ NOSE-Single nostril	
			Face \ Tumour of face	
			Face \ Other - malformations of the face	
Face				
Neck \ Cervical teratoma				
Neck \ Cystic hygroma				
Neck \ Neck tumour - other				

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
ART Congenital anomalies	ART0990	All structural, functional, and genetic anomalies diagnosed in aborted fetuses, at birth or in the neonatal period.	Neck \ Other - malformations of the neck	
			Neck	
			Thorax \ Agenesis of lung	
			Thorax \ Bronchopulmonary sequestration (BPS)	
			Thorax \ Chest wall deformity	
			Thorax \ Congenital cystic adenomatoid malformation of lung (CCAML)	
			Thorax \ Congenital high airway obstruction (CHAOS)	
			Thorax \ Diaphragmatic hernia - Congenital (CDH)	
			Thorax \ Echogenic lung(s)	
			Thorax \ Eventration of diaphragm	
			Thorax \ Lung cysts-other	
			Thorax \ Pectus carinatum	
			Thorax \ Pectus excavatum	
			Thorax \ Pleural effusion(s) (hydrothorax)	
			Thorax \ Pulmonary hypoplasia	
			Thorax \ Other - congenital malformations of lung	
			Thorax \ Other congenital malformations of diaphragm	
			Thorax	
			Cardiovascular \ Aorta - pulmonary window	
			Cardiovascular \ Aortic arch - double	
			Cardiovascular \ Aortic arch - hypoplastic	
			Cardiovascular \ Aortic arch - interrupted	
			Cardiovascular \ Aortic atresia	

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
ART Congenital anomalies	ART0990	All structural, functional, and genetic anomalies diagnosed in aborted fetuses, at birth or in the neonatal period.	Cardiovascular \ Aortic valve insufficiency	
			Cardiovascular \ Aortic valve stenosis	
			Cardiovascular \ Arrhythmia	
			Cardiovascular \ Atrial fibrillation	
			Cardiovascular \ Atrial septal defect (ASD)	
			Cardiovascular \ Atrioventricular septal defect (AVSD) (endocardial cushion defect)	
			Cardiovascular \ Bilateral SVC (superior venae cava)	
			Cardiovascular \ Bradycardia (bradyarrhythmia)	
			Cardiovascular \ Cardiac dysfunction	
			Cardiovascular \ Cardiac tumour / mass	
			Cardiovascular \ Cardiomegaly	
			Cardiovascular \ Cardiomyopathy - dilated	
			Cardiovascular \ Cardiomyopathy - fetus of diabetic mother	
			Cardiovascular \ Cardiomyopathy - hypertrophic (HOCM)	
			Cardiovascular \ Coarctation of aorta	
			Cardiovascular \ Common atrium	
			Cardiovascular \ Complete Heart Block	
			Cardiovascular \ Incomplete Congenital heart block (CHB)	
			Cardiovascular \ Congenital heart disease	
			Cardiovascular \ Coronary artery fistula	
Cardiovascular \ Dextrocardia				
Cardiovascular \ Dilated ascending aorta				
Cardiovascular \ Diverticulum - LV				

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
ART Congenital anomalies	ART0990	All structural, functional, and genetic anomalies diagnosed in aborted fetuses, at birth or in the neonatal period.	Cardiovascular \ Diverticulum - RV	
			Cardiovascular \ Double inlet ventricle (DIV)	
			Cardiovascular \ Double outlet ventricle (DOV)	
			Cardiovascular \ Ductus arteriosus - premature closure	
			Cardiovascular \ Ductus arteriosus aneurysm	
			Cardiovascular \ Ductus arteriosus - Patent (PDA)	
			Cardiovascular \ Ductus venosus - agenesis	
			Cardiovascular \ Ebstein anomaly	
			Cardiovascular \ Ectopia cordis	
			Cardiovascular \ Endocardial fibroelastosis (EFE)	
			Cardiovascular \ Fibroma - cardiac	
			Cardiovascular \ Hypoplastic left heart syndrome (HLHS)	
			Cardiovascular \ Hypoplastic right heart syndrome (HRHS)	
			Cardiovascular \ Interrupted IVC (superior vena cava)	
			Cardiovascular \ Left atrial isomerism (heterotaxy)	
			Cardiovascular \ Mitral atresia	
			Cardiovascular \ Mitral regurgitation	
			Cardiovascular \ Mitral stenosis	
			Cardiovascular \ Mitral valve dysplasia	
			Cardiovascular \ Partial anomalous pulmonary venous drainage (PAPVD)	
Cardiovascular \ Pericardial/Paracardial cyst				
Cardiovascular \ Pericardial effusion				
Cardiovascular \ Persistent left SVC (superior vena cava)				

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
ART Congenital anomalies	ART0990	All structural, functional, and genetic anomalies diagnosed in aborted fetuses, at birth or in the neonatal period.	Cardiovascular \ Premature atrial contractions (PAC's)	
			Cardiovascular \ Premature closure of atrial septum (PFO)	
			Cardiovascular \ Premature ventricular contractions (PVC's)	
			Cardiovascular \ Pulmonary (valve) atresia	
			Cardiovascular \ Pulmonary (valve) stenosis (PS)	
			Cardiovascular \ Pulmonary insufficiency	
			Cardiovascular \ Pulmonary valve dysplasia	
			Cardiovascular \ Rhabdomyoma(s) - cardiac	
			Cardiovascular \ Right aortic arch	
			Cardiovascular \ Right atrial isomerism (heterotaxy)	
			Cardiovascular \ Scimitar syndrome	
			Cardiovascular \ Shone's syndrome	
			Cardiovascular \ Single outlet ventricle	
			Cardiovascular \ Single ventricle (univentricular heart)	
			Cardiovascular \ Single ventricle / univentricular connection	
			Cardiovascular \ Situs inversus - cardiac	
			Cardiovascular \ Subaortic stenosis	
Cardiovascular \ Supra ventricular tachycardia (SVT)				
Cardiovascular \ Tachycardia (tachyarrhythmia)				
Cardiovascular \ Tetralogy of Fallot (TOF)				
Cardiovascular \ Total anomalous pulmonary venous drainage (TAPVD)				
Cardiovascular \ Transposition of great arteries - congenitally corrected (CCTGA)				



## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
ART Congenital anomalies	ART0990	All structural, functional, and genetic anomalies diagnosed in aborted fetuses, at birth or in the neonatal period.	Cardiovascular \ Transposition of great vessels (TGA)	
			Cardiovascular \ Tricuspid atresia	
			Cardiovascular \ Tricuspid regurgitation	
			Cardiovascular \ Tricuspid stenosis	
			Cardiovascular \ Tricuspid valve dysplasia	
			Cardiovascular \ Truncus arteriosus	
			Cardiovascular \ Vascular ring	
			Cardiovascular \ Valvular Anomalies	
			Cardiovascular \ Ventricular disproportion (RV>LV)	
			Cardiovascular \ Ventricular septal defect (VSD)	
			Cardiovascular \ Ventricular tachycardia	
			Cardiovascular \ Other - cardiac malformations not classified elsewhere	
			Cardiovascular \ Other heart abnormalities	
			Cardiovascular	
			Abdominal Wall \ Bladder exstrophy	
			Abdominal Wall \ Body stalk anomaly (limb body wall complex)	
			Abdominal Wall \ Cloacal exstrophy	
			Abdominal Wall \ Gastroschisis	
			Abdominal Wall \ Limb body wall complex (body stalk anomaly)	
			Abdominal Wall \ Omphalocele (exomphalos)	
Abdominal Wall \ Pentalogy of Cantrell				
Abdominal Wall \ Umbilical hernia				
Abdominal Wall				

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
ART Congenital anomalies	ART0990	All structural, functional, and genetic anomalies diagnosed in aborted fetuses, at birth or in the neonatal period.	Abdominal Wall \ Other - congenital malformations of abdominal wall	
			Gastrointestinal \ Abnormal Esophagus	
			Gastrointestinal \ Abnormal Gallbladder	
			Gastrointestinal \ Abnormal Large Bowel	
			Gastrointestinal \ Abnormal Liver	
			Gastrointestinal \ Abnormal Small Bowel	
			Gastrointestinal \ Abnormal Stomach	
			Gastrointestinal \ Absent gallbladder	
			Gastrointestinal \ Absent stomach	
			Gastrointestinal \ Adrenal cyst(s)	
			Gastrointestinal \ Ascites	
			Gastrointestinal \ Asplenia	
			Gastrointestinal \ Atresia small or large intestine	
			Gastrointestinal \ Biliary atresia	
			Gastrointestinal \ Bowel obstruction small or large intestine	
			Gastrointestinal \ Choledochal cyst(s)	
			Gastrointestinal \ Dilated gallbladder	
			Gastrointestinal \ Dilated stomach	
			Gastrointestinal \ Duodenal atresia	
			Gastrointestinal \ Esophageal atresia	
Gastrointestinal \ Esophageal diverticulum				
Gastrointestinal \ Hepatomegaly				
Gastrointestinal \ Hirschsprung's disease				
Gastrointestinal \ Hyperperistalsis				

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
ART Congenital anomalies	ART0990	All structural, functional, and genetic anomalies diagnosed in aborted fetuses, at birth or in the neonatal period.	Gastrointestinal \ Imperforate anus	
			Gastrointestinal \ Intra-abdominal cyst(s)	
			Gastrointestinal \ Large bowel obstruction	
			Gastrointestinal \ Liver cyst(s)	
			Gastrointestinal \ Liver nodule	
			Gastrointestinal \ Meconium ileus	
			Gastrointestinal \ Meconium peritonitis	
			Gastrointestinal \ Mesenteric cyst	
			Gastrointestinal \ Ovarian cyst(s)	
			Gastrointestinal \ Pancreatic cyst(s)	
			Gastrointestinal \ Perinatal intestinal perforation	
			Gastrointestinal \ Polysplenia	
			Gastrointestinal \ Pyloric stenosis	
			Gastrointestinal \ Situs inversus - abdominal	
			Gastrointestinal \ Small bowel obstruction	
			Gastrointestinal \ Small stomach	
			Gastrointestinal \ Splenomegaly	
			Gastrointestinal \ Stenois small or large intestine	
			Gastrointestinal	
			Gastrointestinal \ Tracheo-esophageal fistula (TEF)	
Gastrointestinal \ Other - malformations of the gastro-intestinal tract				
Genitourinary Tract \ Ambiguous genitalia / indeterminate sex				
Genitourinary Tract \ Autosomal dominant polycystic kidney disease (ADPKD)				

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
ART Congenital anomalies	ART0990	All structural, functional, and genetic anomalies diagnosed in aborted fetuses, at birth or in the neonatal period.	Genitourinary Tract \ Autosomal recessive polycystic kidney disease (ARPKD)	
			Genitourinary Tract \ Absent bladder	
			Genitourinary Tract \ Bladder abnormalities	
			Genitourinary Tract \ Bladder diverticulum	
			Genitourinary Tract \ Bladder exstrophy	
			Genitourinary Tract \ Cloacal dysgenesis	
			Genitourinary Tract \ Cloacal exstrophy	
			Genitourinary Tract \ Cystic kidney(s) - other	
			Genitourinary Tract \ Duplex kidney/collecting system	
			Genitourinary Tract \ Echogenic kidney(s)	
			Genitourinary Tract \ Ectopic/pelvic kidney	
			Genitourinary Tract \ Hydrocoele	
			Genitourinary Tract \ Hydronephrosis (>10 mm)	
			Genitourinary Tract \ Hyperplastic & giant kidney(s)	
			Genitourinary Tract \ Hypoplastic kidney(s)	
			Genitourinary Tract \ Hypospadias	
			Genitourinary Tract \ Keyhole bladder/urethra	
			Genitourinary Tract \ Keyhole sign	
			Genitourinary Tract \ Lower urinary tract obstruction (LUTO)	
			Genitourinary Tract \ Megacystis	
Genitourinary Tract \ Megaureter				
Genitourinary Tract \ Multicystic kidney disease (MCKD)				
Genitourinary Tract \ Posterior urethral valves (PUV)				

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
ART Congenital anomalies	ART0990	All structural, functional, and genetic anomalies diagnosed in aborted fetuses, at birth or in the neonatal period.	Genitourinary Tract \ Prune belly	
			Genitourinary Tract \ Pseudohermaphroditism	
			Genitourinary Tract \ Renal Abnormalities	
			Genitourinary Tract \ Renal agenesis	
			Genitourinary Tract \ Renal cyst	
			Genitourinary Tract \ Renal dysplasia	
			Genitourinary Tract \ Undescended testicle(s)	
			Genitourinary Tract \ Ureter Abnormalities	
			Genitourinary Tract \ Ureterocele	
			Genitourinary Tract \ Urethral atresia	
			Genitourinary Tract \ Urethral obstruction malformation complex	
			Genitourinary Tract \ Other - malformations of female genitalia	
			Genitourinary Tract \ Other - malformations of male genitalia	
			Genitourinary Tract \ Other - malformations of urinary system	
			Genitourinary Tract	
			Spine - Back \ Ankylosing spondylitis	
			Spine - Back \ Caudal regression syndrome	
			Spine - Back \ NTD (neural tube defect) with hydrocephalus	
			Spine - Back \ NTD (neural tube defect) without hydrocephalus	
			Spine - Back \ Sacral agenesis	
Spine - Back \ Sacrococcygeal teratoma (SCT)				
Spine - Back \ Other - malformations of the spine				
Spine - Back				

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
ART Congenital anomalies	ART0990	All structural, functional, and genetic anomalies diagnosed in aborted fetuses, at birth or in the neonatal period.	Extremities-skeletal \ Abnormalities	
			Extremities-skeletal \ Arms/legs	
			Extremities-skeletal \ Arms/legs-Bowed femur	
			Extremities-skeletal \ Arms/legs-Bowed humerus	
			Extremities-skeletal \ Arms/legs-Bowed radius &/or ulna	
			Extremities-skeletal \ Arms/legs-Bowed tibia &/or fibula	
			Extremities-skeletal \ Arms/legs-Fracture(s) - long bones	
			Extremities-skeletal \ Generalized/other	
			Extremities-skeletal \ Generalized/other-Akinesia deformation sequence - fetal (FADS)	
			Extremities-skeletal \ Generalized/other-Arthrogryposis multiplex congenita	
			Extremities-skeletal \ Generalized/other-Congenital malformations of spine & bony thorax	
			Extremities-skeletal \ Generalized/other-Fixed flexion deformity	
			Extremities-skeletal \ Generalized/other-Fracture (s) - ribs	
			Extremities-skeletal \ Generalized/other-Hip Dislocation - congenital	
			Extremities-skeletal \ Generalized/other-Hypomineralization	
			Extremities-skeletal \ Generalized/other-Limb reduction defect(s) (LRD) - lower limb	
			Extremities-skeletal \ Generalized/other-Limb reduction defect(s) (LRD) - upper limb	
			Extremities-skeletal \ Generalized/other-Malformation of sternum	
			Extremities-skeletal \ Generalized/other-Phocomelia	
			Extremities-skeletal \ Generalized/other-Sirenomelia	
			Extremities-skeletal \ Generalized/other-Skeletal dysplasia -other	

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
ART Congenital anomalies	ART0990	All structural, functional, and genetic anomalies diagnosed in aborted fetuses, at birth or in the neonatal period.	Extremities-skeletal \ Hands/feet	
			Extremities-skeletal \ Hands/feet-Adactyly (absent fingers/ toes)	
			Extremities-skeletal \ Hands/feet-Brachydactyly (short fingers/toes)	
			Extremities-skeletal \ Hands/feet-Clenched hands (persistently)	
			Extremities-skeletal \ Hands/feet-Clinodactyly (fifth finger)	
			Extremities-skeletal \ Hands/feet-Club foot	
			Extremities-skeletal \ Hands/feet-Ectrodactyly (lobster-claw / cleft hand)	
			Extremities-skeletal \ Hands/feet-Fused toes	
			Extremities-skeletal \ Hands/feet-Overlapping fingers	
			Extremities-skeletal \ Hands/feet-Polydactyly (feet)	
			Extremities-skeletal \ Hands/feet-Polydactyly (hands)	
			Extremities-skeletal \ Hands/feet-Radial ray anomaly (absent thumb)	
			Extremities-skeletal \ Hands/feet-Rocker-bottom feet	
			Extremities-skeletal \ Hands/feet-Sandal gap toes	
			Extremities-skeletal \ Hands/feet-Syndactyly (feet)	
			Extremities-skeletal \ Hands/feet-Syndactyly (hands)	
			Extremities-skeletal \ Hands/feet-Webbed fingers	
			Extremities-skeletal \ Hands/feet-Webbed toes	
			Extremities-skeletal \ Micromelia	
			Extremities-skeletal \ Muscle/connective tissue disorders	
			Extremities-skeletal \ Muscle/connective tissue disorders-Duchenne muscular dystrophy (DMD)	

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
ART Congenital anomalies	ART0990	All structural, functional, and genetic anomalies diagnosed in aborted fetuses, at birth or in the neonatal period.	Extremities-skeletal \ Muscle/connective tissue disorders-Ehlers-Danlos syndrome	
			Extremities-skeletal \ Muscle/connective tissue disorders-Hypotonia	
			Extremities-skeletal \ Muscle/connective tissue disorders-Spinal muscular atrophy (SMA)	
			Extremities-skeletal \ Muscle/connective tissue disorders-Other - malformations of the musculoskeletal system	
			Extremities-skeletal \ Skeletal Dysplasias	
			Extremities-skeletal \ Skeletal Dysplasias-Achondrogenesis	
			Extremities-skeletal \ Skeletal Dysplasias-Achondroplasia	
			Extremities-skeletal \ Skeletal Dysplasias-Campomelic dysplasia	
			Extremities-skeletal \ Skeletal Dysplasias-Chondrodysplasia punctata	
			Extremities-skeletal \ Skeletal Dysplasias-Diastrophic dysplasia	
			Extremities-skeletal \ Skeletal Dysplasias-Ellis-van Creveld syndrome	
			Extremities-skeletal \ Skeletal Dysplasias-Osteogenesis imperfecta	
			Extremities-skeletal \ Skeletal Dysplasias-Short rib polydactyly syndrome - type VII	
			Extremities-skeletal \ Skeletal Dysplasias-Thanatophoric dysplasia	
			Extremities-skeletal	
			Structural-other \ Amniotic Bands	
			Structural-other \ Hydrops Fetalis	
			Structural-other	
			Structural-other \ Other - malformations not classified elsewhere	
			Chromosomes \ 45,X (Turner syndrome)	
			Chromosomes \ 47,XXX	
			Chromosomes \ 47,XXY (Klinefelter syndrome)	



## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
ART Congenital anomalies	ART0990	All structural, functional, and genetic anomalies diagnosed in aborted fetuses, at birth or in the neonatal period.	Chromosomes \ 47,XXX	
			Chromosomes \ Array CGH abnormal or other	
			Chromosomes \ Balanced translocation	
			Chromosomes \ Deletion - other	
			Chromosomes \ Di George Syndrome (22 q11 deletion)	
			Chromosomes \ Microdeletion syndrome - other	
			Chromosomes \ Mosaicism	
			Chromosomes \ Paracentric inversion	
			Chromosomes \ Pericentric inversion	
			Chromosomes \ Triploidy /polploidy	
			Chromosomes \ Trisomy - other	
			Chromosomes \ Trisomy 13	
			Chromosomes \ Trisomy 18	
			Chromosomes \ Trisomy 21 (Down syndrome)	
			Chromosomes \ Trisomy 21 (Down syndrome) - mosaic	
			Chromosomes \ Trisomy 21 (Down syndrome) - translocation	
			Chromosomes \ Unbalanced translocation	
			Chromosomes \ Other	
			Chromosomes	
			Congenital Infections \ CMV (cytomegalovirus) infection - congenital	
Congenital Infections \ Enterovirus infections				
Congenital Infections \ Herpes simplex virus (HSV) infection - congenital				
Congenital Infections \ HIV				

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
ART Congenital anomalies	ART0990	All structural, functional, and genetic anomalies diagnosed in aborted fetuses, at birth or in the neonatal period.	Congenital Infections \ Rubella syndrome - congenital	
			Congenital Infections \ Toxoplasmosis	
			Congenital Infections \ Tuberculosis (TB) - congenital	
			Congenital Infections \ Varicella-zoster virus	
			Congenital Infections \ Other - infections	
			Congenital Infections	
			Teratogenic Exposures \ Diabetic Embryopathy	
			Teratogenic Exposures \ Etretnate embryopathy	
			Teratogenic Exposures \ Fetal alcohol syndrome	
			Teratogenic Exposures \ Fetal aminopterin/methotrexate syndrome	
			Teratogenic Exposures \ Fetal hydantoin syndrome	
			Teratogenic Exposures \ Fetal valproate syndrome	
			Teratogenic Exposures \ Isotretinoin teratogen syndrome	
			Teratogenic Exposures \ Maternal Phenylketonuria	
			Teratogenic Exposures \ Retinoic acid embryopathy	
			Teratogenic Exposures \ Rhesus Disease	
Teratogenic Exposures \ Thalidomide embryopathy				
Teratogenic Exposures \ Toluene embryopathy				
Teratogenic Exposures \ Vitamin A teratogenicity				
Teratogenic Exposures \ Warfarin dysmorphism				
Teratogenic Exposures \ Other -teratogenic embryopathy				
Teratogenic Exposures \ Other-antiepileptic embryopathy				

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
ART Congenital anomalies	ART0990	All structural, functional, and genetic anomalies diagnosed in aborted fetuses, at birth or in the neonatal period.	Teratogenic Exposures	
			Twins \ Acardiac twin	
			Twins \ Conjoined twins	
			Twins \ Dichorionic (DC) twins	
			Twins \ Discordant DC twin growth	
			Twins \ Discordant MC twin growth	
			Twins \ Discordant twin anomaly	
			Twins \ Mono-amniotic (MA) twins	
			Twins \ Monochorionic diamniotic (MC/DA) twins	
			Twins \ Twin-twin transfusion syndrome (TTTS)	
			Twins \ Other - malformations of twins	
			Twins	
			Syndromes	
			Syndromes \ Aarskogs Syndrome	
			Syndromes \ Achondrogenesis	
			Syndromes \ Achondroplasia	
			Syndromes \ Acroesomelic Dysplasia	
			Syndromes \ Acrofacial Dysostosis	
			Syndromes \ Adrenal Hyperplasia	
			Syndromes \ Alpha-1-Antitrypsin	
Syndromes \ Alports Syndrome				
Syndromes \ Amyloplasia Congenita				
Syndromes \ Angelmans Syndrome				
Syndromes \ Anophthalmia				

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
ART Congenital anomalies	ART0990	All structural, functional, and genetic anomalies diagnosed in aborted fetuses, at birth or in the neonatal period.	Syndromes \ Aqueductal stenosis - X linked (L1 syndrome)	
			Syndromes \ Arthrogryposis Multiplex Congenitia	
			Syndromes \ Ataxia-telangiectasis	
			Syndromes \ Autosomal dominant polycystic kidney disease	
			Syndromes \ Autosomal Recessive Polycystic Kidney Disease	
			Syndromes \ Beckwith-Wiedemann	
			Syndromes \ Biotinidase deficiency (BIOT)	
			Syndromes \ CADASIL	
			Syndromes \ Congenital Adrenal Hyperplasia (CAH)	
			Syndromes \ Camptomelic dysplaia	
			Syndromes \ Carnitine uptake defect (CUD)	
			Syndromes \ Caudal regression syndrome	
			Syndromes \ Cerebral Palsy	
			Syndromes \ Charcot-Marie-Tooth	
			Syndromes \ CHARGE association	
			Syndromes \ Chronrodysplasia Punctata	
			Syndromes \ Cleidocranial Dysplasia	
			Syndromes \ Coffin-Lowry syndrome	
			Syndromes \ Congenital hypothyroidism (HYPOTH)	
			Syndromes \ Congenital Myotonic Dystrophy	
Syndromes \ Congenital Nephrotic Syndrome				
Syndromes \ Cornelia Delange				
Syndromes \ CPS (Carbamyl Phosphate Deficiency)				

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
ART Congenital anomalies	ART0990	All structural, functional, and genetic anomalies diagnosed in aborted fetuses, at birth or in the neonatal period.	Syndromes \ Craniosynostosis Saethre-Crouzon	
			Syndromes \ Cri-du-Chat Syndrome	
			Syndromes \ Crouzon's syndrome	
			Syndromes \ Cryptophthalmus	
			Syndromes \ Cystic Fibrosis	
			Syndromes \ Dandy-walker syndrome	
			Syndromes \ Dextrocardia	
			Syndromes \ Diastrophic dysplasia	
			Syndromes \ Digeorge Syndrome	
			Syndromes \ Dysautonomia - familial	
			Syndromes \ Ectodermal Dysplasia	
			Syndromes \ Ehlers-Danlos syndrome	
			Syndromes \ Ellis Van Creveld Syndrome	
			Syndromes \ Epidermolysis Bullosa	
			Syndromes \ F-HYPDRR Familial hypophosphatemia	
			Syndromes \ Fabry's Disease	
			Syndromes \ Factor V	
			Syndromes \ Fanconi Anemia	
			Syndromes \ Fragile X Syndrome	
			Syndromes \ Fraser Syndrome - cryptophthalmos syndrome	
			Syndromes \ Freeman-Sheldon Syndrome	
			Syndromes \ Friederichs Ataxia	
			Syndromes \ Frontonasal dysplasia	

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
ART Congenital anomalies	ART0990	All structural, functional, and genetic anomalies diagnosed in aborted fetuses, at birth or in the neonatal period.	Syndromes \ FSHD (Fascioscapulohumeral Muscular Dystrophy)	
			Syndromes \ Galactosemia (GALT)	
			Syndromes \ Gaucher	
			Syndromes \ Gilbert's disease	
			Syndromes \ Glucose-6-phosphate dehydrogenase (G6PD)	
			Syndromes \ Glutaric acidemia type I (GA I)	
			Syndromes \ Goldenhar Syndrome	
			Syndromes \ Gorlin Syndrome	
			Syndromes \ GSD (Glycogen Storage Disease)	
			Syndromes \ Hard +/- e syndrome	
			Syndromes \ Harlequin Ichthyosis	
			Syndromes \ Hemi-hypertrophy	
			Syndromes \ Hemophilia A/ B	
			Syndromes \ Hereditary nephritis	
			Syndromes \ Hereditary Hemorrhagic Telangiectasia (HHT)	
			Syndromes \ Hereditary Multiple Exostoses (HME)	
			Syndromes \ Holt-Oram	
Syndromes \ Homocystinosis				
Syndromes \ Homocystinuria (HCY)				
Syndromes \ Hunter Syndrome				
Syndromes \ Hurlers Syndrome				
Syndromes \ Hydrocephalus X-Linked				
Syndromes \ Hydrolethalus				

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
ART Congenital anomalies	ART0990	All structural, functional, and genetic anomalies diagnosed in aborted fetuses, at birth or in the neonatal period.	Syndromes \ Hypochondroplasia	
			Syndromes \ Hypoglycemia	
			Syndromes \ Hypophosphatasia	
			Syndromes \ Ichthyosis (non X-linked)	
			Syndromes \ Ichthyosis X-linked (STS deficiency)	
			Syndromes \ Idiopathic hypoparathyroidism	
			Syndromes \ Incontinentia Pigmenti	
			Syndromes \ Isovaleric academia (IVA)	
			Syndromes \ Ivermark Syndrome	
			Syndromes \ Joubert Syndrome	
			Syndromes \ Klippel-Trenaunay Syndrome	
			Syndromes \ Krabbe	
			Syndromes \ Larsen Syndrome	
			Syndromes \ LCHAD	
			Syndromes \ Leigh's Syndrome	
			Syndromes \ Lesch Nyhan	
			Syndromes \ Limb-Girdle Muscular Dystrophy	
			Syndromes \ Long Q-T Syndrome	
			Syndromes \ Lysosomal Storage Disease (IEM)	
			Syndromes \ Machado-Joseph Disease	
			Syndromes \ Maple syrup urine disease (MSUD)	
			Syndromes \ Marfan syndrome	
			Syndromes \ McKusick-Koffman Syndrome	
			Syndromes \ Meckel-Gruber syndrome	

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
ART Congenital anomalies	ART0990	All structural, functional, and genetic anomalies diagnosed in aborted fetuses, at birth or in the neonatal period.	Syndromes \ Medium chain acyl-CoA dehydrogenase deficiency (MCAD)	
			Syndromes \ MELAS	
			Syndromes \ Menkes	
			Syndromes \ MERFF	
			Syndromes \ Metachromatic Leukodystrophy	
			Syndromes \ Methylenetetrahydrofolate Reductase Deficiency	
			Syndromes \ Methylmalonic Acidemia	
			Syndromes \ Methylmalonic acidemia (Cbl A and B)	
			Syndromes \ Methylmalonic acidemia (mutase deficiency) (MUT)	
			Syndromes \ Miller-Dieker Syndrome	
			Syndromes \ Morquio Syndrome	
			Syndromes \ MPS (Mucopolysaccharidosis)	
			Syndromes \ Multiple carboxylase deficiency (MCD)	
			Syndromes \ Multiple Congenital Anomalies (Unknown Origin)	
			Syndromes \ Multiple pterygium syndrome	
			Syndromes \ Myotonic Dystrophy	
			Syndromes \ Nail-Patella Syndrome	
			Syndromes \ Neurofibromatosis 1	
			Syndromes \ Neurofibromatosis 2	
			Syndromes \ Nieman-Pick	
			Syndromes \ Noonan Syndrome	
			Syndromes \ OculodentodiGastrointestinalal Syndrome	
			Syndromes \ Opitz Syndrome	



## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
ART Congenital anomalies	ART0990	All structural, functional, and genetic anomalies diagnosed in aborted fetuses, at birth or in the neonatal period.	Syndromes \ Oromandibular Limb Hypogenesis	
			Syndromes \ Osteogenesis Imperfecta	
			Syndromes \ OTC Deficiency	
			Syndromes \ Otosclerosis	
			Syndromes \ Pallister-Hall Syndrome	
			Syndromes \ Pelizaeus-merzbacher-like disease	
			Syndromes \ Peters' anomaly (brachymesomelia)	
			Syndromes \ Peutz-Jeghers Syndrome	
			Syndromes \ Pfeiffer Syndrome	
			Syndromes \ Pick's Disease	
			Syndromes \ Pierre Robin	
			Syndromes \ PKU	
			Syndromes \ Poland Sequence Syndrome	
			Syndromes \ Pompe's disease	
			Syndromes \ Porphyria	
			Syndromes \ Potter's Syndrome	
			Syndromes \ Prader Willi	
			Syndromes \ Progeria	
			Syndromes \ Progressive Spinobulbar muscular atrophy	
			Syndromes \ Propionic acidemia (PROP)	
Syndromes \ Protein C deficiency				
Syndromes \ Proteus Syndrome				
Syndromes \ Prune belly syndrome				
Syndromes \ Pyruvate Carboxylase Deficiency				

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
ART Congenital anomalies	ART0990	All structural, functional, and genetic anomalies diagnosed in aborted fetuses, at birth or in the neonatal period.	Syndromes \ Pyruvate Dehydrogenase Deficiency	
			Syndromes \ Renal Adysplasia	
			Syndromes \ Restrictive Dermopathy	
			Syndromes \ Retinis Pigmentosa	
			Syndromes \ Retinoblastoma	
			Syndromes \ Rubenstein-Taybi Syndrome	
			Syndromes \ Russell-Silver Syndrome	
			Syndromes \ Short rib polydactyly syndrome - type VII	
			Syndromes \ Short-rib-Polydactyly Syndrome	
			Syndromes \ Sialidosis	
			Syndromes \ Sickle Cell Anemia	
			Syndromes \ Situs Ambiguous	
			Syndromes \ Sjogren syndrome	
			Syndromes \ Smith-Lemli-Opitz	
			Syndromes \ Smith-Magenis Syndrome	
			Syndromes \ Sotos Syndrome	
			Syndromes \ Spinal Muscular Atrophy	
			Syndromes \ Stickler Syndrome	
			Syndromes \ Sturge-Weber Syndrome	
			Syndromes \ Syndrome not otherwise specified	
Syndromes \ TAR (thrombocytopenia-absent radius) syndrome				
Syndromes \ Tay-Sachs - gm2-gangliosidosis type 1				
Syndromes \ Thalassemia-alpha				

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
ART Congenital anomalies	ART0990	All structural, functional, and genetic anomalies diagnosed in aborted fetuses, at birth or in the neonatal period.	Syndromes \ Thalassemia-beta	
			Syndromes \ Thanatrophic dysplasia	
			Syndromes \ Treacher Collins syndrome	
			Syndromes \ Tuberous Sclerosis	
			Syndromes \ Tumours (Sacrococcygeal Teratoma - Paragangliomata)	
			Syndromes \ Tyrosinemia type I (TYR I)	
			Syndromes \ VATER syndrome	
			Syndromes \ Very long-chain acyl-CoA dehydrogenase deficiency (VLCAD)	
			Syndromes \ Von Willibrand Disease	
			Syndromes \ Waardenberg Syndrome	
			Syndromes \ Walker-Warburg Syndrome	
			Syndromes \ Williams syndrome (idiopathic hypercalcaemia)	
			Syndromes \ Wilson Disease	
			Syndromes \ Wolf-hirschhorn syndrome	
Syndromes \ Xeroderma Pigmentosum				
Syndromes \ Zellweger (cerebro-hepato-renal) syndrome				
		Unknown	More information is needed and/or there is no documentation to indicate whether or not any congenital anomalies are suspected or confirmed.	
ART Diabetes and Pregnancy	ART0953	Indicate maternal diabetic status during this pregnancy.	Diabetes Complications/Comorbidities	
			Diabetes Complications/Comorbidities \ Nephropathy	
			Diabetes Complications/Comorbidities \ Retinopathy	
			None	
			Gestational diabetes \ Insulin	

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
ART Diabetes and Pregnancy	ART0953	Indicate maternal diabetic status during this pregnancy.	Gestational diabetes \ Insulin \ ACE inhibitors	
			Gestational diabetes \ Insulin \ Statins	
			Gestational diabetes \ Insulin \ No Ace Inhibitors or Statins	
			Gestational diabetes \ No Insulin	
			Gestational diabetes \ No Insulin \ No Oral agents	
			Gestational diabetes \ No Insulin \ Oral Antihyperglycemic Agents	
			Gestational diabetes \ Insulin Status Unknown	
			Type I	
			Type II	
			Type II \ Insulin	
			Type II \ Insulin \ ACE inhibitors	
			Type II \ Insulin \ Statins	
			Type II \ Insulin \ No Ace Inhibitors or Statins	
			Type II \ No Insulin	
			Type II \ No Insulin \ No Oral Agents	
Type II \ No Insulin \ Oral Antihyperglycemic Agents				
Type Unknown				
Unknown				
ART Estimated Date of Birth	ART1080	Estimated date of birth. This field is automatically calculated as "transfer date" +38 weeks.		
ART Fetus Birth Outcome	ART0969	Outcome from the clinical pregnancy	Unknown	
			Live birth	
			Pregnancy Loss <20 weeks	
			Pregnancy Loss <20 weeks \ Termination	

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
ART Fetus Birth Outcome	ART0969	Outcome from the clinical pregnancy	Pregnancy Loss <20 weeks \ Spontaneous Miscarriage	
			Stillbirth at >=20wks or >=500gms	
			Stillbirth at >=20wks or >=500gms \ Termination	
			Stillbirth at >=20wks or >=500gms \ Spontaneous - Occurred during antepartum period	
			Stillbirth at >=20wks or >=500gms \ Spontaneous - Occurred during intrapartum period	
ART Gestational Age at Birth	ART1010	# of weeks and days of gestation.		
ART Hypertension Disorder in Pregnancy	ART0954	Identification of all hypertensive conditions and the progression of hypertensive conditions the woman experienced during this pregnancy.	None	
			Eclampsia	
			Gestational Hypertension	
			HELLP	
			Preeclampsia	
			Preeclampsia requiring magnesium sulfate	
			Pre-existing Hypertension with superimposed preeclampsia	
Unknown				
ART Labour and Birth Complications	ART0962	Indicate all intrapartum complications during this labour and birth	None	
			Atypical or abnormal fetal surveillance	
			Meconium	
			Cord prolapse	
			Shoulder dystocia	
			Fever >38.5 C	proxy for infection
		Nonprogressive first stage of labour		

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
ART Labour and Birth Complications	ART0962	Indicate all intrapartum complications during this labour and birth	Nonprogressive second stage of labour	
			Placental Abruption	
			Uterine rupture	
			Uterine dehiscence	
			Retained Placenta Manual Removal	
			Retained Placenta Surgical Removal	
			Postpartum hemorrhage	
			Uterine Atony	
			Perineal Hematoma	
			Pulmonary Embolism	
			Hysterectomy	
			Other	
			Unknown	
ART Maternal Health Conditions	ART0951	Select ALL maternal health conditions and/or complications that could impact maternal, pregnancy or birth outcomes	None	Select None if not on available pick list.
			Autoimmune \ Lupus	
			Autoimmune	
			Autoimmune \ Other	
			Cancer \ Diagnosed in Pregnancy	
			Cancer \ Prior to Pregnancy	
			Cancer	
			Cardiovascular \ Cardiovascular Disease	
			Cardiovascular \ Congenital Heart Defect	
			Cardiovascular	

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
ART Maternal Health Conditions	ART0951	Select ALL maternal health conditions and/or complications that could impact maternal, pregnancy or birth outcomes	Cardiovascular \ Congenital Heart Disease	
			Cardiovascular \ Other	
			Cardiovascular \ Pre-existing Hypertension	
			Diabetes \ Diabetes Type I	
			Diabetes \ Diabetes Type II - Insulin	
			Diabetes \ Diabetes Type II - No Insulin	
			Diabetes \ Diabetes Type Unknown	
			Diabetes	
			Endocrine \ Hypothyroidism   Managed	
			Endocrine \ Hypothyroidism   Unmanaged	
			Endocrine \ Hypothyroidism   Management Unknown	
			Endocrine \ Hyperthyroidism   Managed	
			Endocrine \ Hyperthyroidism   Unmanaged	
			Endocrine \ Hyperthyroidism   Management Unknown	
			Endocrine \ Other	
			Endocrine	
			Gastrointestinal \ Colitis	
			Gastrointestinal \ Crohns	
			Gastrointestinal \ Hepatitis	
			Gastrointestinal \ Liver/Gallbladder   Cholecystitis	
			Gastrointestinal \ Liver/Gallbladder   Intrahepatic cholestasis of pregnancy	
			Gastrointestinal \ Liver/Gallbladder   Other	
			Gastrointestinal	

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
ART Maternal Health Conditions	ART0951	Select ALL maternal health conditions and/or complications that could impact maternal, pregnancy or birth outcomes	Gastrointestinal \ Other	
			Genito Urinary \ Other	
			Genito Urinary \ Renal Disease	
			Genito Urinary \ Uterine Anomalies	
			Genito Urinary	
			Haematology \ Chronic Anemia	
			Haematology \ Gestational Thrombocytopenia	
			Haematology \ Other	
			Haematology \ Sickle Cell Disease	
			Haematology \ Thrombophilia	
			Haematology	
			Neurology \ Epilepsy/Seizures   Pre-existing	Select if epilepsy and/or seizures were pre-existing prior to pregnancy.
			Neurology \ Epilepsy/Seizures   Seizure occurred in current pregnancy	Select if onset of epilepsy and/or seizures was during pregnancy or if epilepsy/seizure were pre-existing and a seizure occurred during the pregnancy.
			Neurology \ Multiple Sclerosis	
			Neurology \ Other	
			Neurology	
			Pulmonary \ Asthma   Pre-existing	Select if asthma was pre-existing prior to pregnancy.
			Pulmonary \ Asthma   Occurred in current pregnancy	Select if onset of asthma was during pregnancy or if asthma was pre-existing and an asthma attack or exacerbation occurred during the pregnancy.
			Pulmonary \ Previous Pulmonary Embolism/DVT	
			Pulmonary \ Other	
Pulmonary				
Recurrent Spontaneous Abortion				



## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
ART Maternal Health Conditions	ART0951	Select ALL maternal health conditions and/or complications that could impact maternal, pregnancy or birth outcomes	Unknown	
ART Maternal Outcome	ART0963	Maternal disposition	No Transfer	
			Discharged Home	
			Transfer to other hospital	
			Transfer to ICU/CCU	Refers to same hospital
			Transfer to other non-obstetrical unit, same hospital	Includes psychiatry, surgery, medicine, cardiology, etc. Excludes ICU/CCU (same hospital).
			Maternal Death - Not related to Pregnancy or Birth	
			Maternal Death - Related to Pregnancy or Birth	
ART Method of Induction	ART0959	Indicates all methods of induction used to initiate and establish effective labour.	None	
			Amniotomy	
			Oxytocin	
			Prostaglandin	Prostaglandin can only be selected in either 'Cervical Ripening prior to induction' or in 'Method/s of induction', not both. If Prostaglandin is used as Cervical Ripening then it should not be coded in 'Method/s of induction'.
			Sweeping membranes	
			Unknown	
ART Neonatal Birth Complications	ART1050	Indicate all newborn complications and/or conditions.	None	
			Brachial plexus injury	
			Caput succedaneum	
			Cephalohematoma	
			Clavicular fracture	
			Facial nerve injury	

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
ART Neonatal Birth Complications	ART1050	Indicate all newborn complications and/or conditions.	Birth injury - intracranial hemorrhage	
			Birth injury - subarachnoid hemorrhage	
			Birth injury - subdural hemorrhage	
			Birth injury - unspecified	
			Birth injury - other	
			Unknown	
ART Neonatal death	ART1000	Death of a live born baby within 28 days of birth.		
ART Newborn date of birth	ART0925	Newborn day/month/year of birth.		
ART Sex	ART0970	Sex of baby	Female	
			Male	
			Ambiguous genitalia	
			Unknown	
ART Type of Birth	ART0961	Indicate how the baby was born	Spontaneous Vaginal	Vaginal birth that did not require assistance of forceps and/or vacuum extractor.
			Assisted Vaginal	Vaginal birth that required assistance of forceps and/or vacuum extractor.
			Induced or Spontaneous Labour Cesarean Section	
			No Labour - Cesarean Section	
ART Type of Labour	ART0955	Indicates whether the labour started spontaneously, was induced mechanically or pharmalogically or did not labour prior to C/Section.	Spontaneous	
			Induced	Induced labour is the artificial initiation of labour by any intervention/s before the spontaneous onset of the latent phase of labour to help achieve a vaginal birth in 24-48 hours.
			No Labour	

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
Assisted zona hatching	ART0780	Method used to thin or perforate the zona before transfer, for all or some embryos. Zona manipulation for PGS/PGD is excluded	None	
			Mechanical	
			Laser	
			Acid	
Birth outcome	ART0920	Outcome from the clinical pregnancy.	Unknown	
			Live birth	
			Pregnancy Loss <20 weeks	
			Pregnancy Loss <20 weeks \ Termination	
			Pregnancy Loss <20 weeks \ Spontaneous Miscarriage	
			Stillbirth at >=20wks or >=500gms	
			Stillbirth at >=20wks or >=500gms \ Termination	
Stillbirth at >=20wks or >=500gms \ Spontaneous - Occurred during antepartum period				
Stillbirth at >=20wks or >=500gms \ Spontaneous - Occurred during intrapartum period				
BMI of embryo recipient	ART0836	Body Mass Index (in kg/m <sup>2</sup> ) of female patient at ET or FET, or BMI of surrogate receiving the embryo. If height and weight are entered, BMI will be calculated automatically when the SAVE or PROCEED button is clicked. BMI can be entered directly.		
BMI of oocyte provider	ART1115	Body Mass index (in kg/m <sup>2</sup> ) of oocyte provider. If height (cm) and weight (kg) are entered, system will calculate automatically.		
BORN Data Consent Flag	BORNCONSENT	Indicates if the patient has consented to allow access to their BORN data		
Clinic ID	ART0010	Unique number assigned to clinic 1-40		

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
Complications	ART0840	Complications experienced by patient/ oocyte donor during this cycle. Select all applicable. Enter 'none' for complications not on this list	None	
			IVF medication side effect requiring change in intended treatment	
			Adverse reaction to anaesthetic	
			Moderate/Severe OHSS requiring paracentesis	
			Moderate/Severe OHSS requiring culdocentesis	
			Moderate/Severe OHSS requiring pleural drainage or thoracentesis	
			OHSS requiring IV hydration	
			Infection	
			Hemorrhage requiring blood transfusion	
			Thromboembolism	
			Ovarian torsion	
			Bladder/Bowel injury	
			Patient death	
			Electrolyte disturbance	
			Kidney problems	
			Ovarian rupture	
Current Cycle ID #	ART0070	Primary cycle: Unique code used by clinic to identify a single oocyte collection (IVF, IVM or Oocyte banking cycle). Secondary cycle: Unique code used by clinic to identify an FET cycle or Frozen oocyte IVF cycle. If no cycle ID is created for a secondary cycle (Frozen oocyte IVF or FET), clinic can choose to use primary cycle ID with - 1,2,3,etc.		
Current Cycle Notes	ART0081	Generic test field to document notes related to stimulation of oocyte provider. For Non-Ontario clinics, no patient identifying information, or parts thereof, can be used.		

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
Current Cycle start date	ART0080	Date of first dose of FSH in stimulated cycle or day 1 of cycle (LMP) for cycle with no stimulation. For FET cycle or cycle using frozen oocytes, it can be LMP or start of monitoring		
Cycle Cancelled	ART0320	Cycle in which ovarian stimulation or monitoring has been carried out with the intention to treat, but did not proceed to oocyte collection		
Cycle Stopped	ART0205	Indicates if a cycle was stopped before stimulation started in IVF/IVM/oocyte banking cycles or before oocytes or embryos thawed in Frozen oocyte IVF/FET cycles. Cycles with Cycle Stopped = 'Y' will be excluded from reporting in CARTR Plus.		
Donated Embryo from Another Couple	ART0660	Indicate whether or not embryos are donated		
Elective fetal reduction	ART0910	Elective fetal reduction performed	No	
			2 to 1	
			3 to 1	
			3 to 2	
			4 to 1	
			4 to 2	
			4 to 3	
			5 to 4	
			5 to 3	
			5 to 2	
			5 to 1	
			Reduction done but outcome unknown	
			No surviving fetus after reduction	

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
Elective SET or DET	ART0800	Transfer of one or two embryos selected from a larger cohort of utilizable embryos. If the clinic only thaws one embryo with the intention of an eSET, it can still be called an eSET if there are more embryos left in freezer. If the clinic only thaws two embryos with the intention of an eDET, it can still be called an eDET if there are more embryos left in freezer.		
Embryo cryo method	ART0610	Method used to cryopreserve the embryos	Slow freezing	
			Vitrification	
			Mixed	
Embryo Freeze Date #1	ART0621	Date associated with freeze of first batch of embryos from this cycle		
Embryo Freeze Date #2	ART0623	Date associated with freeze of second batch of embryos from this cycle		
Embryo Freeze Date #3	ART0625	Date associated with freeze of third batch of embryos from this cycle		
Embryo Freeze Date #4	ART0627	Date associated with freeze of fourth batch of embryos from this cycle		
Embryo Freeze ID #1	ART0620	Unique code to identify freeze of first batch of embryos from this cycle		
Embryo Freeze ID #2	ART0622	Unique code to identify freeze of second batch of embryos from this cycle		
Embryo Freeze ID #3	ART0624	Unique code to identify freeze of third batch of embryos from this cycle		
Embryo Freeze ID #4	ART0626	Unique code to identify freeze of fourth batch of embryos from this cycle		
Embryo stage at freezing	ART0600	Embryo stage at time of cryopreservation. Select all applicable.	2PN	
			Cleavage stage	
			Morula	
			Blastocyst	
			Unknown	

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
Embryo thaw date	ART0630	Date of embryo thawing/warming with the intent of transferring them in an FET cycle		
Embryo transfer	ART0710	Transfer of embryos into uterine cavity of patient or surrogate in a fresh or frozen cycle. Select NO if transfer was attempted but was not successful.		
Endometrial thickness Fresh Cycle	ART0310	Thickness of endometrium within a few days of trigger or cancellation. Does not apply when donor oocytes are used, the recipient endometrial thickness is entered in the "transfer" tab		
Endometrial thickness Frozen Cycle	ART0730	Thickness of endometrium within a few days		
Estradiol level	ART0290	Serum Estradiol value within one day of trigger or cancellation		
ET Day	ART0770	Stage of fresh embryos at transfer		
ET ultrasound-guided	ART0760	Placement of the embryos in the uterine cavity done with ultrasound guidance		
Fetus ID	PS0011	Fetal ID of a multiple pregnancy	Fetus A	
			Fetus B	
			Fetus C	
			Fetus D	
			Fetus E	
			Fetus F	
			Fetus G	
			Fetus H	
			Fetus I	
			Fetus J	
Freeze ID # 1 of thawed oocytes	ART0354	Unique code originally assigned to the oocyte cohort at freezing. For frozen oocytes received from another clinic, code given by the receiving clinic to that cohort of oocytes.		

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
Freeze ID # 2 of thawed oocytes	ART0355	Unique code originally assigned to the oocyte cohort at freezing if two oocyte cohorts are used at the same time. For frozen oocytes received from another clinic, code given by the receiving clinic to that cohort of oocytes.		
Freeze ID #1 of thawed embryos	ART0650	Unique code originally assigned to the embryo cohort at freezing. For frozen embryos received from another clinic, code given by receiving clinic for that cohort of embryos.		
Freeze ID #2 of thawed embryos	ART0651	Unique code originally assigned to the second embryo cohort at freezing if more than one cohort used. For frozen embryos received from another clinic, code given by receiving clinic for that cohort of embryos		
Freeze ID #3 of thawed embryos	ART0652	Unique code originally assigned to the third embryo cohort at freezing if more than two cohorts used. For frozen embryos received from another clinic, code given by receiving clinic for that cohort of embryos		
Freeze ID #4 of thawed embryos	ART0653	Unique code originally assigned to the fourth embryo cohort at freezing if more than three cohorts used. For frozen embryos received from another clinic, code given by receiving clinic for that cohort of embryos		
FSH Day 2-4 of oocyte provider	ART0180	FSH level on day 2-4 of menstrual cycle of oocyte provider. If multiple values available use highest value.		
Gestational carrier (surrogate)	ART0820	A woman who carries a pregnancy with an agreement that she will give the offspring to the intended parent(s). Gametes can originate from the intended parent(s) and/or a third party (parties).		
Gestational carrier (surrogate) chart number	ART0821	Gestational Carrier unique identifier at the clinic level		
Height of embryo recipient	ART0830	Height of female patient at ET or FET, or height of surrogate receiving the embryo. This field is automatically filled in with the height of the oocyte provider. If donor oocytes or a gestational carrier is used, this field should be filled in manually.		
Height of oocyte provider	ART1100	Height of oocyte provider. Must be reported in cm. Must be between 90cm and 240cm		
Hospitalization	ART0850	The patient was hospitalized as a result of complications.		
Insemination method	ART0520	Method(s) used to inseminate the oocytes. Select all applicable	Conventional IVF on day 0	



## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
Insemination method	ART0520	Method(s) used to inseminate the oocytes. Select all applicable	IVF on day 0 with rescue ICSI on day 1 (failed conventional IVF)	
			ICSI on day 0	
			ICSI on day 1	
			ICSI on day 2	
			ICSI on day 3	
			GIFT	
			SUZI	
			ZIFT	
			Not done	
Medication for COS	ART0220	Medication received for controlled ovarian stimulation (COS) In a donor oocyte cycle, the medication is the one received by the donor and not recipient. Note: Agonist or antagonist drugs are included under "Type of Stimulation Protocol". Select all applicable.	None	No drugs administered
			Clomiphene citrate	e.g., Clomid, Serophene
			Aromatase inhibitor	e.g., Femara, Letrozole
			OCP	e.g., Marvelon
			Estrogen (e.g., patch, oral)	e.g., Estradot, Climara, Estrace
			HMG	e.g., Repronex
			HP-hMG	e.g., Menopur
			RecFSH	e.g., Gonal-f, Puregon
			uFSH	e.g., Bravelle
			RecLH	e.g., Luveris
U-hCG	e.g., Pregnyl, hCG 10,000 (PPC)			
Rec-hCG	e.g., Ovidrel			

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
Medication for COS	ART0220	Medication received for controlled ovarian stimulation (COS) In a donor oocyte cycle, the medication is the one received by the donor and not recipient. Note: Agonist or antagonist drugs are included under "Type of Stimulation Protocol". Select all applicable.	Research Study - Information Blinded	Research Study - Information Blinded
			Other	Other medications not mentioned in this list
No. of days of gonadotropins	ART0250	Number of days of stimulation from 1st day of FSH to trigger day or day of cancellation.		
Normal fertilization (2PN)	ART0570	Number of zygotes with normal fertilization, i.e. 2PN		
Number of Oocytes Retrieved or Thawed	ART0410	Number of cumulus-oocyte complexes (COCs) collected and/or number of oocytes thawed		
Oocyte collection date	ART0340	Date of oocyte collection		
Oocyte cryo method	ART0430	Type of method used to cryopreserve the oocytes	Slow freezing	
			Vitrification	
			Mixed	
Oocyte donor ID	ART0380	Unique code to identify the oocyte donor		
Oocyte donor status	ART0390	Type of donation. Select all applicable.	Anonymous	
			Non-anonymous	
			Anonymous oocyte sharing	
			Non-anonymous oocyte sharing	
			Anonymous from commercial oocyte bank	
Oocyte freeze date	ART0426	Date of oocyte cryopreservation		
Oocyte freeze ID	ART0425	Unique code to identify that cohort of frozen oocytes.		
Oocyte origin	ART0370	Origin of the oocytes to be used	Fresh own oocytes	

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
Oocyte origin	ART0370	Origin of the oocytes to be used	Frozen own oocytes	
			Fresh donor oocytes	
			Frozen donor oocytes	
Oocyte thaw date	ART0350	Date of oocyte thawing/warming		
Origin of simulated cycle	ART1085	Text field to document the clinic of origin of the oocytes or embryos		
Other adjuvant medication description	ART0235	Description of other adjuvant medications used in this cycle		
Other medication for COS description	ART0225	Description of other medications used for COS in this cycle		
Other reason cancelled description	ART0335	Description of other reasons for cancellation of oocyte collection		
Other trigger medication description	ART0245	Description of other trigger medications used in this cycle		
Other type of stimulation protocol description	ART0215	Description of other type of stimulation protocol used in this cycle		
Patient Address City	ART0033			
Patient Address Country	ART0036	You may press "Ctrl+F" to search for a value or keyword	CANADA	
			UNITED STATES	
			AFGHANISTAN	
			ALAND ISLANDS	
			ALBANIA	
			ALGERIA	
			AMERICAN SAMOA	
			ANDORRA	
			ANGOLA	
			ANGUILLA	

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
Patient Address Country	ART0036	You may press "Ctrl+F" to search for a value or keyword	ANTARCTICA	
			ANTIGUA AND BARBUDA	
			ARGENTINA	
			ARMENIA	
			ARUBA	
			AUSTRALIA	
			AUSTRIA	
			AZERBAIJAN	
			BAHAMAS	
			BAHRAIN	
			BANGLADESH	
			BARBADOS	
			BELARUS	
			BELGIUM	
			BELIZE	
			BENIN	
			BERMUDA	
			BHUTAN	
			BOLIVIA, PLURINATIONAL STATE OF	
			BONAIRE, SAINT EUSTATIUS AND SABA	
			BOSNIA AND HERZEGOVINA	
			BOTSWANA	
			BOUVET ISLAND	
			BRAZIL	

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
Patient Address Country	ART0036	You may press "Ctrl+F" to search for a value or keyword	BRITISH INDIAN OCEAN TERRITORY	
			BRUNEI DARUSSALAM	
			BULGARIA	
			BURKINA FASO	
			BURUNDI	
			CAMBODIA	
			CAMEROON	
			CAPE VERDE	
			CAYMAN ISLANDS	
			CENTRAL AFRICAN REPUBLIC	
			CHAD	
			CHILE	
			CHINA	
			CHRISTMAS ISLAND	
			COCOS (KEELING) ISLANDS	
			COLOMBIA	
			COMOROS	
			CONGO	
			CONGO, THE DEMOCRATIC REPUBLIC OF THE	
			COOK ISLANDS	
			COSTA RICA	
			COTE D'IVOIRE	
			CROATIA	
			CUBA	

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
Patient Address Country	ART0036	You may press "Ctrl+F" to search for a value or keyword	CURACAO	
			CYPRUS	
			CZECH REPUBLIC	
			DENMARK	
			DJIBOUTI	
			DOMINICA	
			DOMINICAN REPUBLIC	
			ECUADOR	
			EGYPT	
			EL SALVADOR	
			EQUATORIAL GUINEA	
			ERITREA	
			ESTONIA	
			ETHIOPIA	
			FALKLAND ISLANDS (MALVINAS)	
			FAROE ISLANDS	
			FIJI	
			FINLAND	
			FRANCE	
			FRENCH GUIANA	
			FRENCH POLYNESIA	
			FRENCH SOUTHERN TERRITORIES	
			GABON	
			GAMBIA	

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
Patient Address Country	ART0036	You may press "Ctrl+F" to search for a value or keyword	GEORGIA	
			GERMANY	
			GHANA	
			GIBRALTAR	
			GREECE	
			GREENLAND	
			GRENADA	
			GUADELOUPE	
			GUAM	
			GUATEMALA	
			GUERNSEY	
			GUINEA	
			GUINEA-BISSAU	
			GUYANA	
			HAITI	
			HEARD ISLAND AND MCDONALD ISLANDS	
			HOLY SEE (VATICAN CITY STATE)	
			HONDURAS	
			HONG KONG	
			HUNGARY	
			ICELAND	
			INDIA	
			INDONESIA	
			IRAN, ISLAMIC REPUBLIC OF	

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
Patient Address Country	ART0036	You may press "Ctrl+F" to search for a value or keyword	IRAQ	
			IRELAND	
			ISLE OF MAN	
			ISRAEL	
			ITALY	
			JAMAICA	
			JAPAN	
			JERSEY	
			JORDAN	
			KAZAKHSTAN	
			KENYA	
			KIRIBATI	
			KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF	
			KOREA, REPUBLIC OF	
			KUWAIT	
			KYRGYZSTAN	
			LAO PEOPLE'S DEMOCRATIC REPUBLIC	
			LATVIA	
			LEBANON	
			LESOTHO	
			LIBERIA	
			LIBYAN ARAB JAMAHIRIYA	
			LIECHTENSTEIN	
			LITHUANIA	



## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
Patient Address Country	ART0036	You may press "Ctrl+F" to search for a value or keyword	LUXEMBOURG	
			MACAO	
			MACEDONIA, THE FORMER YUGOSLAV REPUBLIC OF	
			MADAGASCAR	
			MALAWI	
			MALAYSIA	
			MALDIVES	
			MALI	
			MALTA	
			MARSHALL ISLANDS	
			MARTINIQUE	
			MAURITANIA	
			MAURITIUS	
			MAYOTTE	
			MEXICO	
			MICRONESIA, FEDERATED STATES OF	
			MOLDOVA, REPUBLIC OF	
			MONACO	
			MONGOLIA	
			MONTENEGRO	
			MONTSERRAT	
			MOROCCO	
			MOZAMBIQUE	
			MYANMAR	

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
Patient Address Country	ART0036	You may press "Ctrl+F" to search for a value or keyword	NAMIBIA	
			NAURU	
			NEPAL	
			NETHERLANDS	
			NEW CALEDONIA	
			NEW ZEALAND	
			NICARAGUA	
			NIGER	
			NIGERIA	
			NIUE	
			NORFOLK ISLAND	
			NORTHERN MARIANA ISLANDS	
			NORWAY	
			OMAN	
			PAKISTAN	
			PALAU	
			PALESTINIAN TERRITORY, OCCUPIED	
			PANAMA	
			PAPUA NEW GUINEA	
			PARAGUAY	
			PERU	
			PHILIPPINES	
			PITCAIRN	
			POLAND	

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
Patient Address Country	ART0036	You may press "Ctrl+F" to search for a value or keyword	PORTUGAL	
			PUERTO RICO	
			QATAR	
			REUNION	
			ROMANIA	
			RUSSIAN FEDERATION	
			RWANDA	
			SAINT BARTHELEMY	
			SAINT HELENA, ASCENSION AND TRISTAN DA CUNHA	
			SAINT KITTS AND NEVIS	
			SAINT LUCIA	
			SAINT MARTIN (FRENCH PART)	
			SAINT PIERRE AND MIQUELON	
			SAINT VINCENT AND THE GRENADINES	
			SAMOA	
			SAN MARINO	
			SAO TOME AND PRINCIPE	
			SAUDI ARABIA	
			SENEGAL	
			SERBIA	
			SEYCHELLES	
			SIERRA LEONE	
			SINGAPORE	
			SINT MAARTEN (DUTCH PART)	

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
Patient Address Country	ART0036	You may press "Ctrl+F" to search for a value or keyword	SLOVAKIA	
			SLOVENIA	
			SOLOMON ISLANDS	
			SOMALIA	
			SOUTH AFRICA	
			SOUTH GEORGIA AND THE SOUTH SANDWICH ISLANDS	
			SPAIN	
			SRI LANKA	
			SUDAN	
			SURINAME	
			SVALBARD AND JAN MAYEN	
			SWAZILAND	
			SWEDEN	
			SWITZERLAND	
			SYRIAN ARAB REPUBLIC	
			TAIWAN, PROVINCE OF CHINA	
			TAJIKISTAN	
			TANZANIA, UNITED REPUBLIC OF	
			THAILAND	
			TIMOR-LESTE	
			TOGO	
			TOKELAU	
			TONGA	
			TRINIDAD AND TOBAGO	

**Encounter: CARTRPLUS Cycle**

<b>Data Element Name</b>	<b>BORN ID</b>	<b>Data Element Definition</b>	<b>Pick List Value</b>	<b>Pick List Definition</b>
Patient Address Country	ART0036	You may press "Ctrl+F" to search for a value or keyword	TUNISIA	
			TURKEY	
			TURKMENISTAN	
			TURKS AND CAICOS ISLANDS	
			TUVALU	
			UGANDA	
			UKRAINE	
			UNITED ARAB EMIRATES	
			UNITED KINGDOM	
			UNITED STATES MINOR OUTLYING ISLANDS	
			URUGUAY	
			UZBEKISTAN	
			VANUATU	
			VENEZUELA, BOLIVARIAN REPUBLIC OF	
			VIET NAM	
			VIRGIN ISLANDS, BRITISH	
			VIRGIN ISLANDS, U.S.	
			WALLIS AND FUTUNA	
			WESTERN SAHARA	
			YEMEN	
			ZAMBIA	
Patient Address Postal Code	ART0034			
Patient Address Province	ART0035	You may press "Ctrl+F" to search for a value or keyword	Alberta	

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
Patient Address Province	ART0035	You may press "Ctrl+F" to search for a value or keyword	British Columbia	
			Manitoba	
			New Brunswick	
			Newfoundland and Labrador	
			Northwest Territories	
			Nova Scotia	
			Nunavut	
			Ontario	
			Prince Edward Island	
			Quebec	
			Saskatchewan	
			Yukon Territory	
			Out of Province	
			Out of Country	
Patient Address Street	ART0032			
Patient Age	ART0090	Age of patient (female or male) at start of cycle		
Patient chart #	ART0037	The patient's unique file number assigned by care provider (e.g. chart number, client number). For non-Ontario clinics, no patient identifying information, or parts thereof, can be used (i.e., no patient name, initials, or complete health card number)		
Patient DOB	ART0030	Date of birth of patient		
Patient HCN	ART0001	Health card number of patient. If OHIP number, exclude version number.		
Patient Health Card Type	ART0002	Type of health card provided by patient		

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
Patient name - Family Name	ART0005	Name of female or male patient who intends to raise the child For donor oocyte/embryo cycles, the oocyte/embryo recipient is the patient For same sex male couples, one of the male partners is the patient. A single male can be a patient		
Patient name - Given Name 1	ART0006			
Patient name - Given Name 2	ART0007			
Patient Notes	ART0038	Generic text field to document notes related to this cycle		
Patient Search - ID	SEARCHID1	You can search for patients by Chart #, other Health Card #, or other identifiers.		
Patient Search - ID (FTC Users)	SEARCHID2	You can search for patients by Chart #, other Health Card #, or Cycle ID #.		
Patient Search - ID (Non-Ontario FTC Users)	SEARCHID3	You can search for patients by Chart # or Cycle ID #.		
Patient Search - OHIP	SEARCHOHIP	You can search for patients by OHIP number.		
Patient Sex	ART0023	Sex of the patient If transgendered, sex as self-identified at time of cycle start	Female	
			Male	
			Ambiguous genitalia	
			Unknown	
Pregnancy loss date	ART0930	Date of pregnancy loss		
Preparation of uterine lining	ART0720	Protocol used to prepare the uterine lining before transfer	Hormone replacement cycle	
			Natural cycle	
			COS	

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
Primary Cycle ID	ART0082	Unique code used by clinic to track a full cycle from oocyte collection to use of all embryos generated from that oocyte collection, i.e. fresh transfer and FETs etc... For frozen embryos or frozen oocytes received from another clinic, the receiving clinic assigns a number to identify that cohort of embryos or oocytes and uses that number to track all future uses of those embryos or oocytes, i.e. could include multiple FETs (frozen embryos) or an IVF cycle with subsequent FETS (frozen oocytes)		
Prior births	ART0110	Number of prior births for female patient with same or different partner, with or without ART, including stillbirth. Birth of more than one baby (multiple birth) is defined as one birth.	0	
			1	
			2	
			3	
			4	
			5	
			6	
			7	
			8	
			9	
			10	
			11	
			12	
			13	
			14	
			15	
			16	
			17	



**Encounter: CARTRPLUS Cycle**

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
Prior births	ART0110	Number of prior births for female patient with same or different partner, with or without ART, including stillbirth. Birth of more than one baby (multiple birth) is defined as one birth.	18	
			19	
			20	
			21	
			22	
			23	
			24	
			25	
			26	
			27	
			28	
			29	
			30	
Prior ET with donor oocytes	ART0140	Number of prior ET procedures (fresh or frozen) that patient had with donor oocytes ET using a surrogate is excluded	0	
			1	
			2	
			3	
			4	
			5	
			6	
			7	
			8	

**Encounter: CARTRPLUS Cycle**

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
Prior ET with donor oocytes	ART0140	Number of prior ET procedures (fresh or frozen) that patient had with donor oocytes ET using a surrogate is excluded	9	
			10	
			11	
			12	
			13	
			14	
			15	
			16	
			17	
			18	
			19	
			20	
			21	
			22	
			23	
			24	
			25	
			26	
			27	
			28	
			29	
			30	
Prior ET with own oocytes	ART0130	Number of prior ET procedures (fresh or frozen) that patient had with her own oocytes ET using a surrogate is excluded.	0	

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
Prior ET with own oocytes	ART0130	Number of prior ET procedures (fresh or frozen) that patient had with her own oocytes ET using a surrogate is excluded.	1	
			2	
			3	
			4	
			5	
			6	
			7	
			8	
			9	
			10	
			11	
			12	
			13	
			14	
			15	
			16	
			17	
			18	
			19	
			20	
			21	
			22	
			23	

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
Prior ET with own oocytes	ART0130	Number of prior ET procedures (fresh or frozen) that patient had with her own oocytes ET using a surrogate is excluded.	24	
			25	
			26	
			27	
			28	
			29	
			30	
			0	
			1	
			2	
Prior fresh cycles for that patient	ART0120	Number of prior initiated cycles (starts) for this patient, same clinic or other clinics. Start defined as FSH received in a stimulated cycle or after monitoring started in a natural cycle.	3	
			4	
			5	
			6	
			7	
			8	
			9	
			10	
			11	
			12	
			13	
			14	

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
Prior fresh cycles for that patient	ART0120	Number of prior initiated cycles (starts) for this patient, same clinic or other clinics. Start defined as FSH received in a stimulated cycle or after monitoring started in a natural cycle.	15	
			16	
			17	
			18	
			19	
			20	
			21	
			22	
			23	
			24	
			25	
			26	
			27	
			28	
			29	
30				
Prior pregnancies	ART0100	Number of prior pregnancies for female patient with same or different partner, with or without ART including ectopic pregnancy.	0	
			1	
			2	
			3	
			4	
			5	

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
Prior pregnancies	ART0100	Number of prior pregnancies for female patient with same or different partner, with or without ART including ectopic pregnancy.	6	
			7	
			8	
			9	
			10	
			11	
			12	
			13	
			14	
			15	
			16	
			17	
			18	
			19	
			20	
			21	
			22	
			23	
			24	
			25	
			26	
			27	
			28	

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
Prior pregnancies	ART0100	Number of prior pregnancies for female patient with same or different partner, with or without ART including ectopic pregnancy.	29	
			30	
Progesterone level	ART0300	Serum Progesterone value within one day of trigger or cancellation		
Reason Cancelled	ART0330	Reason for cancellation of oocyte collection Select all applicable	Patient illness	
			Patient personal reason	
			Patient error	
			Low ovarian response	
			High ovarian response	
			Premature ovulation	
			Premature luteinization	
			Donor illness	
			Donor personal reason	
			Donor error	
			No access to ovaries	
		Other		
Reasons for male factor	ART0155	Detailed male factor(s) related to reasons for treatment cycle. Select all applicable	Aspermia (no semen)	
			Azoospermia	
			Oligozoospermia	
			Asthenozoospermia	
			Teratozoospermia	
			Globozoospermia	
			Necrozoospermia	

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
Reasons for male factor	ART0155	Detailed male factor(s) related to reasons for treatment cycle. Select all applicable	High Sperm DNA Fragmentation	
			Retrograde Ejaculation	
			Erectile Dysfunction	
			Sperm Antibodies	
			Klinefelter Syndrome	
			Sperm Banking-Cancer Treatment	
			Not Specified	
		Other		
Reasons for no ET	ART0740	If embryo transfer is not done, indicate the reason. Select one only	No oocytes	
			No utilizable oocytes	
			No normal fertilization	
			No utilizable embryos	
			No sperm	
			Freeze all, OHSS risk	
			Freeze all, PGS	
			Freeze all, PGD	
		Freeze all, other reason than OHSS risk or PGS/PGD		
		Inadequate uterine lining		
Reasons for no use	ART0550	Reasons for not using some of the COCs or thawed/warmed oocytes. Select all applicable.	Immaturity	
			Degeneration	
			Abnormal	
			Religious belief	
			No sperm	



## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
Reasons for no use	ART0550	Reasons for not using some of the COCs or thawed/warmed oocytes. Select all applicable.	Inadequate number of sperm	
			Information not available	
			Donated to another patient	
			Donated to research	
Reasons for treatment cycle	ART0150	Infertility diagnosis or other reasons for treatment cycle Select all applicable.	Endometriosis	A condition that involves endometrial tissue growing outside the uterus (often the reproductive organs) affecting fertility.
			Tubal factor	A condition where the fallopian tubes are blocked or damaged. Common causes include infection, surgery, endometriosis, ectopic pregnancy and tubal ligation.
			Diminished ovarian reserve	Determined by assessment of ovarian reserve tests e.g., antral follicle count (AFC), day 3 FSH and/or anti-mullerian hormone (AMH) +/- patient age
			Male factor	A condition that is characterized by problems with male ability to produce or deliver sperm, inadequate or abnormal sperm
			No male partner	No partner to provide sperm. Would apply to single female patient or same-sex female couple
			PCOS	A condition characterized by at least 2 of these 3 characteristics: (1) Oligo□ and/or anovulation; (2) Clinical and/or biochemical signs of hyperandrogenism; or (3) Polycystic ovaries and exclusion of other aetiologies (congenital adrenal hyperplasia, androgen□secreting tumours, Cushing's syndrome. Rotterdam Criteria - Hum. Reprod. (2004) 19 (1): 41-47.
			Other ovulatory disorder	Conditions whereby a female patient fails to ovulate regularly or the absence of ovulation other than PCOS
			Uterine factor	Conditions of the uterus that affect fertility such as but not limited to fibroids, cavitory scarring, structural abnormalities, polyps adenomyosis, or absence of the uterus
			Other female factor	Any fertility factor not described above
			Gonadotoxic therapy	Previous exposure to drugs that cause destruction of ovarian tissue or the ability of the ovaries to produce oocytes other than cancer therapy
Oocyte banking - for non-cancer/non-medical treatment reasons	Oocytes are cryopreserved for future use for non-cancer/medical reasons also termed 'deferred reproduction			

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
Reasons for treatment cycle	ART0150	Infertility diagnosis or other reasons for treatment cycle Select all applicable.	Oocyte banking - cancer and other medical treatment	Patient is about to undergo cancer or other medical treatment that can/will negatively affect fertility/cause sterility
			Embryo banking - for non-cancer/non-medical treatment reasons	Deferred reproduction for other than cancer therapy e.g., military deployment, individual choice
			Embryo banking - cancer and other medical treatment	Embryos are created and cryopreserved prior to the commencement of treatment for cancer/medical illness that can/will affect future fertility
			PGD for known genetic factor	PGD for known genetic factor whereby each embryo is tested for genetic abnormality(ies) in order to exclude these embryos from transfer to the uterus
			PGS for aneuploidy screening	Pre-implantation genetic screening to determine that the embryo has a normal number of chromosomes to detect aneuploidy prior to transfer. Also called Comprehensive Chromosome Screening (CCS).
			Unexplained infertility	A general term to refer to patients where no cause for infertility can be determined
			No female partner	No female partner to carry the fetus. Would apply to single male patient or same-sex male couple.
			Advanced female age	Women 35 years of age and older
			Peritoneal factor or severe adhesions	A condition in which there is scarring or adhesions in the peritoneal cavity often due to previous infection or surgery.
Semen volume	ART0490	Volume of fresh (neat, pre-wash) semen sample - only applicable for fresh partner semen.		
Simulated primary cycle	ART1090	A primary cycle that originally occurred either in another clinic and/or prior to January 1, 2013.  If the date of oocyte collection and/or age of oocyte provider at time of collection is not available, they can be set to unknown but this will limit the cycle's inclusion in analysis based on age of oocyte provider.		
Source of transferred embryos	ART0810	Origin of embryos for this transfer. Select all applicable	Fresh embryos from own oocytes-partner sperm	
			Fresh embryos from own oocytes-donor sperm	
			Fresh embryos from donor oocytes-partner sperm	
			Fresh embryos from donor oocytes-donor sperm	
			Frozen embryos from own oocytes-partner sperm	
			Frozen embryos from own oocytes-donor sperm	

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
Source of transferred embryos	ART0810	Origin of embryos for this transfer. Select all applicable	Frozen embryos from donor oocytes-partner sperm	
			Frozen embryos from donor oocytes-donor sperm	
			Unable to provide	
Sperm count	ART0500	Sperm concentration in fresh (neat, pre-wash) semen sample – only applicable for fresh partner semen		
Sperm donor ID	ART0450	Unique code to identify the sperm donor		
Sperm donor status	ART0460	Type of donation	Anonymous	
			Non-anonymous	
Sperm motility	ART0510	Percentage of motile sperm in fresh (neat, pre-wash) semen sample – only applicable for fresh partner semen.		
Sperm origin	ART0440	Origin of male gametes used to create embryos. Select all applicable.	Fresh own/partner sperm	
			Frozen partner sperm	
			Frozen donor sperm	
Sperm source	ART0480	Source of collected sperm (for partner if both partner and donor sperm used). Select one only	Semen	
			Epididymal	
			Urine (retrograde)	
			Testicular-NOA	
			Testicular-OA	
Sperm too low to count	ART0505	Too few sperm to make an accurate count.		
Thawed embryo cryo method	ART0690	Method used to cryopreserve the thawed/warmed embryos.	Slow freezing	
			Vitrification	
			Mixed	

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
Thawed embryo stage at freezing	ART0680	Type of embryos thawed/warmed in this FET cycle. Select all applicable.	2PN	
			Cleavage stage	
			Morula	
			Blastocyst	
			Unknown	
Total dose of FSH	ART0260	Total IU of FSH received in cycle – does not include dose of LH.		
Transfer Date	ART0750	Date of embryo transfer. If embryos are transferred on more than one day, enter the first transfer date.		
Treatment outcome	ART0860	Outcome of treatment cycle. To be completed for ALL treatment cycles (except Oocyte Banking and Simulated Primary Cycles), including cycles that were cancelled, had no insemination, no fertilization, or no embryo transfer. Patients lost in follow-up are included as unknown.	Cycle not completed to transfer	
			Negative beta-hCG	
			Positive beta-hCG	
			Unknown	
Trigger medication	ART0240	Medication received by oocyte provider to complete oocyte maturation before collection. If more than one medication is used, enter "other" and describe under "other trigger medication description"	U-hCG	
			Rec-hCG	
			GnRH agonist	
			Rec-hCG + GnRH agonist	
			None	
			Other	
Type of cycle	ART0160	Primary cycle: A cycle that includes an oocyte collection that results in IVF, IVM, or Oocyte banking. Secondary cycle: A cycle that does not include an oocyte collection but instead uses thawed oocytes or thawed embryos	IVF	
			IVM	

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
Type of cycle	ART0160	Primary cycle: A cycle that includes an oocyte collection that results in IVF, IVM, or Oocyte banking. Secondary cycle: A cycle that does not include an oocyte collection but instead uses thawed oocytes or thawed embryos	Oocyte banking	
			Frozen oocyte IVF	
			FET	
Type of pregnancy	ART0870	Type of pregnancy achieved. Select one only	Not Pregnant	
			Biochemical	
			Ectopic	
			Heterotopic	
			Clinical Intrauterine	
			Molar Pregnancy	
Type of stimulation protocol	ART0210	Ovarian stimulation protocol received by oocyte provider. In a donor oocyte cycle, the protocol is the one received by the donor and not recipient. Select one only.	Natural cycle	Oocyte collection from the ovaries during a natural menstrual cycle. No medications
			Modified natural cycle	Oocyte collection during a natural menstrual cycle but drugs (GnRH-antagonist) administered to block spontaneous LH surge and (FSH) to maintain follicular growth. Examples of medications used: Cetrorelix acetate (Cetrotide), Ganirelix acetate (Orgaltran)
			Mild stimulation	Stimulation with lower dose gonadotropins (Long GnRH-agonist protocol) and/or other compounds to limit the number of oocytes to fewer than seven. Examples of medications used: Lower doses of: Leuprolide acetate (Lupron), Goserelin acetate (Zoladex), Buserelin acetate (Suprefact)
			Antagonist	GnRH-antagonist protocol used in normal or poor responders. . Examples of medications used: Cetrorelix acetate (Cetrotide), Ganirelix acetate (Orgaltran)
			Long agonist	Long GnRH-agonist protocol started in the mid-luteal phase of the preceding cycle . Examples of medications used: Leuprolide acetate (Lupron), Goserelin acetate (Zoladex), Buserelin acetate (Suprefact)

## Encounter: CARTRPLUS Cycle

Data Element Name	BORN ID	Data Element Definition	Pick List Value	Pick List Definition
Type of stimulation protocol	ART0210	Ovarian stimulation protocol received by oocyte provider. In a donor oocyte cycle, the protocol is the one received by the donor and not recipient. Select one only.	Flare agonist	Short GnRH-agonist protocol in which injection of gonadotropins is commenced a few days after the start of GnRH agonist . Examples of medications used: Leuprolide acetate (Lupron), Goserelin acetate (Zoladex), Buserelin acetate (Suprefact)
			Microdose flare agonist	Short GnRH –agonist protocol using a micro-dose of GnRH -agonist . Examples of medications used: Leuprolide acetate (Lupron), Goserelin acetate (Zoladex), Buserelin acetate (Suprefact)
			IVM protocol	Protocol designed to collect immature oocytes for in vitro maturation
			Other	
Weight of embryo recipient	ART0835	Weight of female patient at ET or FET, or weight of surrogate receiving the embryo. This field is automatically filled in with the weight of the oocyte provider. If donor oocytes or a gestational carrier is used, this field should be filled in manually.		
Weight of oocyte provider	ART1110	Weight of oocyte provider. Must be reported in kg. Must be between 25kg and 227kg		