

OMB Control No. 0920-0556 Expiration Date: 07/31/2018

NASS OMB Burden Information

#### National ART Surveillance System (NASS)

#### Welcome to the National ART Surveillance System (NASS) Home Page

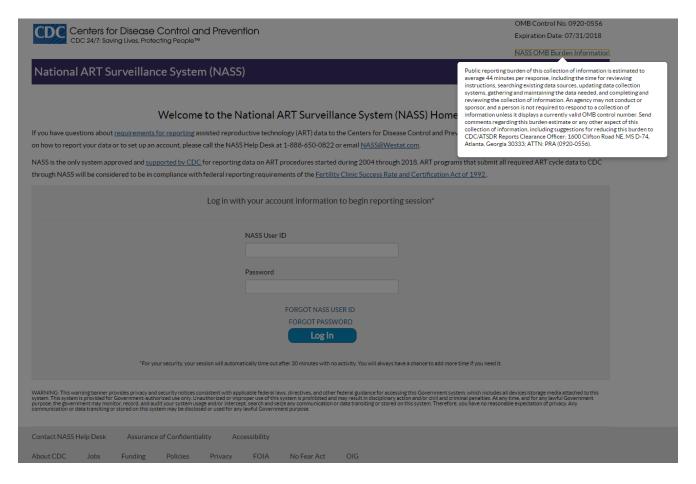
If you have questions about <u>requirements for reporting</u> assisted reproductive technology (ART) data to the Centers for Disease Control and Prevention (CDC), or if you would like more information on how to report your data or to set up an account, please call the NASS Help Desk at 1-888-650-0822 or email <u>NASS@Westat.com</u>.

NASS is the only system approved and  $\underline{\text{supported by CDC}}$  for reporting data on ART procedures started during 2004 through 2018. ART programs that submit all required ART cycle data to CDC through NASS will be considered to be in compliance with federal reporting requirements of the  $\underline{\text{Fertillity Clinic Success Rate and Certification Act of 1992}}$ .



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## **INITIAL REPORTING PAGE**

PATIENT PROFILE SECTION
NASS patient ID   _ _  -   _  -
Patient Optional Identifiers  Optional identifier 1   _ _ _ _
Optional identifier 2   _ _ _ _
Patient date of birth (mm/dd/yyyy)   _  -    -    -
Sex of patient
○ Female
O Male
Cycle start date  _  -   _  -   _
RESIDENCY SECTION
At the start of cycle, is patient residency primarily in U.S.?
O Yes
○ No
Refused
U.S. city of primary residence
U.S. state of primary residence
U.S. zip code of primary residence
Country of primary residence
INTENT SECTION
Intended type of ART (select all that apply)
☐ IVF: Transcervical
GIFT: Gametes to tubes
☐ ZIFT: Zygotes to tubes or TET: tubal embryo transfer
(OR)
Oocyte or embryo banking
[IF BANKING] Banking type (select all that apply)
Embryo banking
Autologous oocyte banking
Donor oocyte banking
[IF EMBRYO BANKING] Intended duration of embryo banking (select all that apply)
Short term (<12 months)
Delay of transfer to obtain genetic information
Delay of transfer for other reasons
Long term (≥12 months) banking for fertility preservation prior to gonadotoxic medical treatments
Long term (≥12 months) banking for other reasons

[IF AUTOLOGOUS AND/OR DONOR OOCYTE BANKING] Intended duration of oocyte banking (select all that apply)
Short term (<12 months)
Long term (≥12 months) banking for fertility preservation prior to gonadotoxic medical treatments
Long term (≥12 months) banking for other reasons
[IF IVF/GIFT/ZIFT] Intended embryo source (select all that apply)
Patient embryos
Intended oocyte source and state for FRESH patient embryos (select all that apply)
PATIENT fresh oocytes
DONOR fresh oocytes
PATIENT frozen oocytes
DONOR frozen oocytes
Intended oocyte source and state for FROZEN patient embryos (select all that apply)
PATIENT fresh oocytes
DONOR fresh oocytes
PATIENT frozen oocytes
DONOR frozen oocytes
DONOR unknown (select only if oocyte source is unknown)
☐ Donor embryos (DONATED FROM ANOTHER PATIENT'S IVF CYCLE)
FRESH donor embryos
FROZEN donor embryos
Intended sperm source (select all that apply)
☐ Partner
☐ Donor
Patient, if male
(OR)
Unknown (select only if <u>all</u> sperm sources unknown)
Intended pregnancy carrier
O Patient
Gestational carrier
None (oocyte or embryo banking cycle only)

## ART PERFORMED PAGE

Type of ART performed (select all that apply)
IVF: Transcervical
GIFT: Gametes to tubes
ZIFT: Zygotes to tubes or TET: tubal embryo transfer
(OR)
Oocyte or embryo banking
[IF IVF/GIFT/ZIFT] Embryo source (select all that apply)
Patient embryos
Oocyte source and state for FRESH patient embryos (select all that apply)
PATIENT fresh oocytes
DONOR fresh oocytes
PATIENT frozen oocytes
☐ DONOR frozen oocytes
Oocyte source and state for FROZEN patient embryos (select all that apply)
PATIENT fresh oocytes
DONOR fresh oocytes
PATIENT frozen oocytes
DONOR frozen oocytes
DONOR unknown (select only if oocyte source is unknown)
☐ Donor embryos (DONATED FROM ANOTHER PATIENT'S IVF CYCLE)
FRESH donor embryos
FROZEN donor embryos

## **REASON FOR ART PAGE**

Rea	son for ART (select all that apply)
	Male infertility
	☐ Medical condition
	Genetic or chromosomal abnormality (specify)
	Abnormal sperm parameters
	Azoospermia, obstructive
	Azoospermia, non-obstructive
	Oligozoospermia, severe (<5 million/mL)
	Oligozoospermia, moderate (5-15 million/mL)
	Low motility (<40%)
	Low morphology
	Other male factor (specify)
	History of endometriosis
	Tubal ligation for contraception
	Current or prior hydrosalpinx
	☐ Communicating
	☐ Occluded
	☐ Unknown
	Other tubal disease (not current or prior hydrosalpinx)
	Ovulatory disorders
	Polycystic ovaries (PCO)
	Other ovulatory disorders
	Diminished ovarian reserve
	Uterine factor
	Preimplantation genetic diagnosis (including aneuploidy screening) as primary reason for ART
	Oocyte or embryo banking as reason for ART
	Indication for use of gestational carrier
	Absence of uterus
	Significant uterine anomaly
	Medical contraindication to pregnancy
	Recurrent pregnancy loss
	☐ Unknown
	Recurrent pregnancy loss
	Other reasons related to infertility (specify)
	Other reasons <u>not</u> related to infertility (specify)
	Unexplained infertility

## FEMALE PATIENT AND HISTORY PAGE

Height
Feet (AND/OR)   _  Inches (OR)   _ _  Centimeters
(OR)
Height unknown
Weight at the start of this cycle
Pounds (OR)     Kilograms
(OR)
Weight unknown
Did the patient smoke during the 3 months before the cycle started?
○ Yes
○ No
○ Unknown
Any prior pregnancies?
O Yes
If yes, and couple is not surgically sterile, enter months and/or years attempting pregnancy since last clinical pregnancy
months AND/OR   _  years
Number of prior pregnancies   _
Number of prior full term births (live and stillbirths)   _
Number of prior preterm births (live and stillbirths)   _
Number of prior stillbirths   _
Number of prior spontaneous abortions   _
Number of prior ectopic pregnancies   _
O No
If no, and couple is not surgically sterile, enter months and/or years attempting pregnancy
months AND/OR   _  years
Number of prior stimulations for ART cycles   _
Number of prior frozen ART cycles   _
[IF PRIOR ART] Did any prior ART cycles result in a live birth?
○Yes
○No
Maximum FSH level (MIU/mls)   _ _    (OR)
FSH level unknown
Date of most recent AMH level (mm/dd/yyyy)   _  -    -
Most recent AMH level (ng/mL)   _  .
(OR)
AMH level unknown

## **SOURCES & CARRIERS PAGE**

OOCYTE SOURCE PROFILE SECTION
Youngest oocyte source
O Patient
O Donor
Oocyte source date of birth (mm/dd/yyyy)   _  -    -   _  -
(OR)
Age at earliest time oocytes were retrieved   _
Oocyte source ethnicity
O Not Hispanic or Latino
O Hispanic or Latino
○ Refused
O Unknown
Oocyte source race (select all that apply)
☐ White
Black or African American
Asian
Native Hawaiian or other Pacific Islander
American Indian or Alaska Native
(OR)
Reason race not reported
<ul><li>Refused</li></ul>
○ Unknown
PREGNANCY CARRIER PROFILE SECTION
Pregnancy carrier
O Patient
Gestational carrier
None (oocyte or embryo banking cycle only)
Pregnancy carrier date of birth (mm/dd/yyyy)   _  -    -    -
(OR)
Age at time of transfer   _
Pregnancy carrier ethnicity
Not Hispanic or Latino
Hispanic or Latino
O Refused
○ Unknown

Pregnancy carrier race (select all that apply)
☐ White
Black or African American
Asian
Native Hawaiian or other Pacific Islander
American Indian or Alaska Native
(OR)
Reason race not reported
O Refused
O Unknown
SPERM SOURCE PROFILE SECTION
Specify sperm source (select all that apply)
Partner
Donor
Patient, if male
(OR)
Unknown (select only if <u>all</u> sperm sources unknown)
Sperm source date of birth (mm/dd/yyyy)   _  -    -        (OR)  Sperm source date of birth unknown
Sperm source ethnicity
Not Hispanic or Latino
Hispanic or Latino
○ Refused
O Unknown
Sperm source race (select all that apply)
White
Black or African American
Asian
Native Hawaiian or other Pacific Islander
American Indian or Alaska Native
(OR)
Reason race not reported
Refused
○ Unknown

### STIMULATION & MEDICATIONS PAGE

# STIMULATION & MEDICATIONS SECTION Was there stimulation for follicular development? Yes O No Was this a minimal stimulation cycle? O Yes O No Oral medication such as aromatase inhibitor or selective estrogen receptor modulator used Clomiphene dosage (Total mgs) |\_\_|\_|\_|\_|\_| . |\_\_| Letrozole dosage (Total mgs) |\_\_|\_|\_|\_|\_| . |\_\_| Other oral medication (specify) |\_\_\_\_\_ Other oral medical dosage (specify) |\_\_|\_|\_|\_|\_| . |\_\_|\_| O No Medication containing FSH used Yes Short-acting FSH (Total IUs) |\_\_|\_|... Long-acting FSH (Total mgs) O No Medication with LH/HCG activity used Yes O No Primary GnRH protocol used O No GnRH protocol OnRH Agonist Suppression O GnRH Agonist Flare

O GnRH Antagonist Suppression

CAN	CANCELLATION SECTION				
Cyc	Cycle canceled prior to retrieval?				
$\circ$	Yes				
0	No				
Dat	Date cycle canceled (mm/dd/yyyy)   _  -    -				
Prir	mary reason cycle was canceled				
0	Low ovarian response				
0	High ovarian response				
$\circ$	Inadequate endometrial response				
0	Concurrent illness				
0	Withdrawal only for personal reasons				
0	Other (specify)				

## **RETRIEVAL PAGE**

FRESH OOCYTE RETRIEVAL SECTION
Date retrieval performed (mm/dd/yyyy)   _  -    -
Number of patient oocytes retrieved   _
Number of donor oocytes retrieved   _
Use of retrieved oocytes (select all that apply)
Used for this cycle
Oocytes frozen for future use
Number of fresh oocytes frozen for future use   _
Oocytes shared with other patients
Embryos frozen for future use
COMPLICATIONS OF OVARIAN STIMULATION OR OOCYTE RETRIEVAL SECTION
Were there any complications of ovarian stimulation or oocyte retrieval?
O Yes
O No
[IF YES] Complications (select all that apply)
Infection
Hemorrhage requiring transfusion
Ovarian hyperstimulation requiring intervention or hospitalization
Medication side effect
Anesthetic complication
☐ Thrombosis
Death of patient
Other (specify)
Did the complication(s) require hospitalization?
○ Yes
○ No
SPERM RETRIEVAL SECTION
Sperm status
○ Fresh
O Thawed
Mix of fresh and thawed
O Unknown
Sperm source utilized
O Ejaculated
— Epididymal
O Testis
Electroejaculation
Retrograde urine
O Donor
O Unknown

## MANIPULATION PAGE

Inti	racytoplasmic sperm injection (ICSI) performed on oocytes?
$\circ$	All oocytes
$\circ$	Some oocytes
$\circ$	No oocytes
$\circ$	Unknown
	[IF ICSI] Indication for ICSI (select all that apply)
	Prior failed fertilization
	Poor fertilization
	☐ PGD or PGS
	Abnormal semen parameters on day of fertilization
	Low oocyte yield
	☐ Laboratory routine
	Frozen oocyte
	Rescue ICSI
	Other (specify)
ln v	vitro maturation (IVM) performed on oocytes?
	All oocytes
-	Some oocytes
$\circ$	No oocytes
	Unknown
	e-implantation genetic diagnosis (PGD) or screening (PGS) performed on embryos?
_	Yes
$\bigcirc$	No
0	Unknown
	[IF PGD/PGS]  Total number of 2PN  _ _
	Total number of ZFN   _   _
	Reason for PGD or PGS (select all that apply)
	☐ Either genetic parent is a known carrier of a gene mutation or a chromosomal abnormality
	Aneuploidy screening of the embryos
	☐ Elective gender determination
	Other screening of the embryos
	Technique used for PGD or PGS (select all that apply)
	Polar Body Biopsy
	□ Blastomere Biopsy
	Blastocyst Biopsy
	(OR)
	Unknown

Ass	isted hatching performed on embryos?
0	All embryos
0	Some embryos
0	No embryos
0	Unknown
Wa	s this a research cycle?
0	Yes
0	No
	[IF YES] Study type (select all that apply)
	☐ Device study
	☐ Protocol study
	Pharmaceutical study
	Laboratory technique
	Other research (specify)
	Approval code

## TRANSFER PAGE

TRANSFER ATTEMPT SECTION					
Was a transfer attempted?					
0	Yes				
0	No				
	[IF	NO] Primary reason no transfer was attempted			
	$\circ$	Low ovarian response			
	$\circ$	High ovarian response			
	0	Failure to survive oocyte thaw			
	0	Inadequate endometrial response			
	0	Concurrent illness			
	0	Withdrawal only for personal reasons			
	0	Unable to obtain sperm specimen			
	$\circ$	Insufficient embryos			
	0	Other (specify)			
		L TRANSFER DETAILS SECTION			
Date	e tra	nsfer performed (mm/dd/yyyy)   _  -    -    -			
End	ome	trial thickness at trigger   _mm			
		MBRYO TRANSFER DETAILS SECTION			
		of fresh embryos transferred to uterus   _			
	lf only <u>one</u> fresh embryo was transferred to the uterus, was this an <u>elective</u> single embryo transfer?				
	Yes				
0	No				
Qua	lity	of embryo #1			
	Goo				
_	Fair				
	Poo	r			
		nown			
		oocyte retrieval for embryo #1 (mm/dd/yyyy)   _  -    -    -			
Qua	lity	of embryo #2			
0	Goo	d			
0	Fair				
0	Poo	r			
_		nown			
Date	e of	oocyte retrieval for embryo #2 (mm/dd/yyyy)   _  -    -    -   _			
Nun	nber	of fresh embryos cryopreserved			

FROZEN EMBRYO TRANSFER DETAILS				
Number of thawed embryos transferred to uterus   _				
If only one thawed embryo was transferred to the uterus, was this an elective single embryo transfer?				
O Yes				
O No				
Quality of embryo #1				
○ Good				
O Fair				
O Poor				
O Unknown				
Date of oocyte retrieval for embryo #1 (mm/dd/yyyy)   _  -    -    -				
Quality of embryo #2				
○ Good				
O Fair				
O Poor				
O Unknown				
Date of oocyte retrieval for embryo #2 (mm/dd/yyyy)   _  -    -    -				
Number of thawed embryos cryopreserved (re-frozen)   _				
GIFT/ZIFT/TET TRANSFER DETAILS SECTION				
Number of oocytes or embryos transferred to the fallopian tube				

## **OUTCOMES PAGE**

OUTCOME OF TRANSFER SECTION				
Outcome of treatment cycle				
O Not pregnant				
O Biochemical				
Clinical intrauterine gestation				
Ectopic				
O Heterotopic				
O Unknown				
Maximum number of fetal hearts on ultrasound performed before 7 weeks or prior to reduction   _				
(OR)				
No ultrasound performed before 7 weeks gestation or prior to reduction				
[IF ULTRASOUND]				
Ultrasound date with maximum number of fetal hearts observed before 7 weeks or prior to reduction (mm/dd/yyyy)				
_ _  -    -    _  _				
Any monochorionic twins or multiples?				
○ Yes				
○ No				
○ Unknown				
OUTCOME OF PREGNANCY SECTION				
Outcome of pregnancy				
( ) Live birth				
<ul><li>Live birth</li><li>Spontaneous abortion</li></ul>				
<ul><li>Live birth</li><li>Spontaneous abortion</li><li>Stillbirth</li></ul>				
<ul><li>Spontaneous abortion</li></ul>				
<ul><li>Spontaneous abortion</li><li>Stillbirth</li></ul>				
<ul><li>Spontaneous abortion</li><li>Stillbirth</li><li>Induced abortion</li></ul>				
<ul> <li>Spontaneous abortion</li> <li>Stillbirth</li> <li>Induced abortion</li> <li>Maternal death prior to birth</li> </ul>				
<ul> <li>Spontaneous abortion</li> <li>Stillbirth</li> <li>Induced abortion</li> <li>Maternal death prior to birth</li> <li>Outcome unknown</li> </ul>				
<ul> <li>Spontaneous abortion</li> <li>Stillbirth</li> <li>Induced abortion</li> <li>Maternal death prior to birth</li> <li>Outcome unknown</li> </ul> Date of pregnancy outcome (mm/dd/yyyy)   _  -    -   _  -   _				
<ul> <li>Spontaneous abortion</li> <li>Stillbirth</li> <li>Induced abortion</li> <li>Maternal death prior to birth</li> <li>Outcome unknown</li> <li>Date of pregnancy outcome (mm/dd/yyyy)     _   _   _   _   _   _   _  </li> <li>Source of information confirming pregnancy outcome (select all that apply)</li> </ul>				
<ul> <li>Spontaneous abortion</li> <li>Stillbirth</li> <li>Induced abortion</li> <li>Maternal death prior to birth</li> <li>Outcome unknown</li> <li>Date of pregnancy outcome (mm/dd/yyyy)     _   _   _   _   _   _   _  </li> <li>Source of information confirming pregnancy outcome (select all that apply)</li> <li>□ Verbal confirmation from patient</li> </ul>				
<ul> <li>Spontaneous abortion</li> <li>Stillbirth</li> <li>Induced abortion</li> <li>Maternal death prior to birth</li> <li>Outcome unknown</li> <li>Date of pregnancy outcome (mm/dd/yyyy)     _   _   _   _   _   _   _  </li> <li>Source of information confirming pregnancy outcome (select all that apply)</li> <li>□ Verbal confirmation from patient</li> <li>□ Written confirmation from patient</li> </ul>				
<ul> <li>Spontaneous abortion</li> <li>Stillbirth</li> <li>Induced abortion</li> <li>Maternal death prior to birth</li> <li>Outcome unknown</li> <li>Date of pregnancy outcome (mm/dd/yyyy)     _   _   _   _   _   _   _   _  </li></ul>				
<ul> <li>Spontaneous abortion</li> <li>Stillbirth</li> <li>Induced abortion</li> <li>Maternal death prior to birth</li> <li>Outcome unknown</li> <li>Date of pregnancy outcome (mm/dd/yyyy)     _   _   _   _   _   _   _   _  </li></ul>				
Spontaneous abortion Stillbirth Induced abortion Maternal death prior to birth Outcome unknown  Date of pregnancy outcome (mm/dd/yyyy)   _   _   _   _   _   _   _   _    Source of information confirming pregnancy outcome (select all that apply) Verbal confirmation from patient Written confirmation from physician or hospital				
Spontaneous abortion Stillbirth Induced abortion Maternal death prior to birth Outcome unknown  Date of pregnancy outcome (mm/dd/yyyy)   _   _   _   _   _   _   _   _    Source of information confirming pregnancy outcome (select all that apply)  Verbal confirmation from patient Written confirmation from physician or hospital Written confirmation from physician or hospital Written confirmation from physician or hospital  Mumber of infants born   _   _    Method of delivery				

## **BIRTH PAGE**

BIRTH INFORMATION INFANT #1
Infant #1: Birth status
○ Live born
○ Stillborn
○ Unknown
Infant #1: Gender
O Male
○ Female
○ Unknown
Infant #1: Weight
Pounds AND     Ounces
(OR)
Grams
(OR)
Weight unknown
Infant #1: Birth defects (select all that apply)
Cleft lip/palate
Genetic defect/chromosomal abnormality
☐ Neural tube defect
☐ Cardiac defect
Limb defect
Other (specify)
(OR)
Birth defects unknown
(OR)
☐ None

BIRTH INFORMATION INFANT #2					
Infant #2: Birth status					
O Live bor	n				
○ Stillborn	1				
○ Unknow	n				
Infant #2: Gender					
○ Male					
○ Female					
O Unknow	n				
Infant #2: W	Infant #2: Weight				
_  Po	unds AND     Ounces				
(OR)					
_ _ _	Grams				
(OR)					
☐ Weight ι	unknown				
Infant #2: B	irth defects (select all that apply)				
☐ Cleft lip	/palate				
☐ Genetic	defect/chromosomal abnormality				
☐ Neural t	ube defect				
☐ Cardiac	defect				
Limb de	fect				
Other (s	Other (specify)				
(OR)					
Birth defects unknown					
(OR)					
None					

BIRTH INFORMATION INFANT #3					
Infant #3: Birth status					
○ Live born					
○ Stillborn					
○ Unknown					
Infant #3: Gender					
○ Male					
○ Female					
○ Unknown					
Infant #3: Weight					
_   Pounds AND   _  Ounces					
(OR)					
_ _  Grams					
(OR)					
Weight unknown					
Infant #3: Birth defects (select all that apply)					
Cleft lip/palate					
Genetic defect/chromosomal abnormality					
Neural tube defect					
Cardiac defect					
Limb defect					
Other (specify)					
(OR)					
Birth defects unknown					
(OR)					
☐ None					