National ART Surveillance System NASS 2.0 (Proposed for 2016)

DRAFT

	INITIAL REPORTING: PATIENT	PROFILE (PROSPECTIVE)	
Quex ID	LEAD QUESTION		
1	Date of cycle reporting (mm/dd/yyyy): _ - -	_ _ _	
2	NASS Patient ID: _ _ - _ -		
3	Patient Optional Identifiers Optional Identifier 1 maximum 7 digits or characters		
	Optional Identifier 2 _ _ _ _ maximum 7 digits or characters		
4	Patient Date of Birth (mm/dd/yyyy): _ - -		
5	Sex of patient: Male Female		
6	Cycle Start Date _ - - _		
	RESIDENCY		
7	At the start of the cycle, is patient residency primarily in U.S.? O Yes No Refused	? 	
7A	U.S. state of primary residence: City of primary residence U.S. zip code at primary residence OR	_	
	Country of primary residence:		
	Intended type of ART? Select all that apply:		
	IVF: Transcervical		
8	GIFT: Gametes to tubes		
	ZIFT: Zygotes to tubes or TET: tubal embryo transfer		
	Oocyte or embryo banking		
9	If cycle is for banking only, specify banking		
	Embryo banking Autologous oocy Indicate anticipated duration of oocyte be		
	Short term (<12 months)	Daliking Skip is EMBKTO BANKING ONLY	
9A		fautility process ation prior to considerable modical treatments	
		fertility preservation prior to gonadotoxic medical treatments	
	[SKIP IF NOT A Long term (≥12 months) banking for one BANKING ONLY Indicate anticipated duration of embryo beginning for the second se		
	CYCLE] Short term (<12 months)	BAIKING SKIP IF COCT IE BANKING ONLI	
	□ Delay of transfer to obtain genet	etic information	
9B	☐ Delay of transfer for other reason		
		fertility preservation prior to gonadotoxic medical treatments	
	Long term (≥12 months) banking for o		
	Intended embryo source (select all that apply): [IF ONLY DONO	NOD EMBDYOS SELECTED, SKID TO #12]	
	Patient embryos	tok Ellipki ob beledieb, skii i o wizj	
10			
	Donor embryos Fresh embryos Frozen embryos		
10A	If intent is to use FRESH EMBRYOS, specify intended oocyte so	ource. Select all that apply:	
,	Fresh patient oocytes Frozen patient oocytes	,	
	Fresh donor oocytes Frozen donor oocytes		

	If intent is to use FROZEN EMBRYOS, specify intended oocyte source. Select all that apply:		
	Fresh patient oocytes Frozen patient oocytes		
	Fresh donor oocytes Frozen donor oocytes Unknown (select only if oocyte source is unknown)		
10B	If intend is to use donor embryos (select all that apply):		
	Fresh embryos Frozen embryos		
	Specify intended sperm source. Select all that apply. [SKIP IF DONOR EMBRYO IS INTENDED SOURCE]		
11	Partner		
11	Donor Patient, if male		
	Unknown (select only if <u>all</u> sperm sources unknown for frozen)		
	Pregnancy carrier		
10	Patient		
12	Gestational carrier		
	None (oocyte or embryo banking cycle only)		
	CYCLE INFORMATION (NOT PROSPECTIVE FROM HERE FORWARD)		
Quex ID	LEAD QUESTION		
	Type of ART performed? Select all that apply:		
	IVF: Transcervical		
13	GIFT: Gametes to tubes		
	ZIFT: Zygotes to tubes or TET: tubal embryo transfer		
	Oocyte or embryo banking		
	Embryo source (select all that apply): [IF ONLY DONOR EMBRYOS SELECTED, SKIP TO #15]		
	Patient embryos		
14	Donor embryos		
	Fresh embryos Frozen embryos		
	If FDECILENAPPIVOS were used an exist intended assists source. Calcut all that combine		
	If FRESH EMBRYOS were used, specify intended oocyte source. Select all that apply: Fresh patient oocytes Frozen patient oocytes		
	Fresh patient oocytes Frozen patient oocytes		
	Every denote applies Trazen denote applies		
14A	Fresh donor oocytes Frozen donor oocytes		
	If FROZEN EMBRYOS were used, specify intended oocyte source. Select all that apply:		
	Fresh patient oocytes Frozen patient oocytes		
	Fresh donor oocytes Frozen donor oocytes Unknown (select only if oocyte source is unknown)		
	PATIENT MEDICAL EVALUATION		
	REASON FOR ART		
Quex I			
15	Reason for ART (Select all that apply):		
	Male infertility (select all that apply)		
	[SKIP IF MALE		
	INFERTILITY NOT Genetic or chromosomal abnormality Specify		
	SELECTED] Abnormal sperm parameters (select all that apply)		
	Azoospermia, obstructive		
	Azoospermia, non-obstructive		
	Oligospermia, severe (<5 million/mL)		
	Oligospermia, moderate (5-15 million/mL)		
	Low motility (<40%)		
	Low morphology (4%)		
	Other male factor (not included above) Specify		

	History of endometriosis		
	Tubal ligation for contraception		
	Current or prior hydrosalpinx		
SKIP IF			
	HYDROSALPINX NOT SELECTED] Communicating Occluded Unknown		
	Other tubal disease (not current or historic hydrosalpinx)		
	Ovulatory disorders		
	[SKIP IF		
	OVULATORY PCO Other ovulatory disorders		
	DISORDER NOT SELECTED]		
	Diminished ovarian reserve		
	Uterine factor		
	Preimplantation Genetic Diagnosis as primary reason for ART		
	Oocyte or Embryo Banking as reason for ART		
	Indication for use of gestational carrier		
	SKIP IF Absence of uterus		
	GESTATIONAL Medical contraindication to pregnancy Medical contraindication to pregnancy		
	CARRIER NOT Recurrent pregnancy loss		
	INDICATED]		
	Recurrent pregnancy loss		
	Other reasons related to infertility (specify)		
	Other reasons not related to infertility (specify)		
	Unexplained infertility		
	Onexplained intertiney		
	FEMALE DATIFACT LICTORY AND DILYCICAL		
	FEMALE PATIENT HISTORY AND PHYSICAL		
	FEMALE PATIENT HISTORY AND PHYSICAL [IF SEX OF PATIENT = MALE (FROM QUESTION #5) THEN SKIP #16-23]		
	[IF SEX OF PATIENT = MALE (FROM QUESTION #5) THEN SKIP #16-23]		
16			
16	[IF SEX OF PATIENT = MALE (FROM QUESTION #5) THEN SKIP #16-23] Height:		
16	[IF SEX OF PATIENT = MALE (FROM QUESTION #5) THEN SKIP #16-23] Height: Feet and/or _ Inches or _ _ Centimeters		
16	[IF SEX OF PATIENT = MALE (FROM QUESTION #5) THEN SKIP #16-23] Height: Feet and/or _ Inches or _ _ Centimeters or Height unknown Weight at the start of this cycle		
	[IF SEX OF PATIENT = MALE (FROM QUESTION #5) THEN SKIP #16-23] Height: Feet and/or _ Inches or _ _ Centimeters or Height unknown Weight at the start of this cycle _ Pounds or _ Kilograms		
16 17	[IF SEX OF PATIENT = MALE (FROM QUESTION #5) THEN SKIP #16-23] Height: Feet and/or _ Inches or _ _ Centimeters or Height unknown Weight at the start of this cycle _ Pounds or _ Kilograms or		
	[IF SEX OF PATIENT = MALE (FROM QUESTION #5) THEN SKIP #16-23] Height:		
	[IF SEX OF PATIENT = MALE (FROM QUESTION #5) THEN SKIP #16-23] Height: Feet and/or _ Inches or _ _ Centimeters or Height unknown Weight at the start of this cycle _ _ Pounds or _ Kilograms or _ Weight unknown History of cigarette smoking:		
17	[IF SEX OF PATIENT = MALE (FROM QUESTION #5) THEN SKIP #16-23] Height:		
	[IF SEX OF PATIENT = MALE (FROM QUESTION #5) THEN SKIP #16-23] Height: Feet and/or _ Inches or _ _ Centimeters or Height unknown Weight at the start of this cycle _ _ Pounds or _ Kilograms or _ Weight unknown History of cigarette smoking:		
17	Height: _ Feet and/or _ _ Inches or _ _ Centimeters or Height unknown Weight at the start of this cycle _ _ Pounds or _ _ Kilograms or Weight unknown Weight unknown Weight unknown Weight unknown Or _ _		
17	Height: Feet and/or Inches or Centimeters or Height unknown Height at the start of this cycle Pounds or Kilograms or Weight unknown Weight unknown Weight unknown Yeight		
17	Height: _ Feet and/or _ _ Inches or _ _ Centimeters or Height unknown		
17	Height: _ Feet and/or _ Inches or _ Centimeters or Height unknown Weight at the start of this cycle _ _ Pounds or _ Kilograms or Weight unknown Weight unknown History of cigarette smoking: Did the patient smoke during the 3 months before the cycle started?		
17	Height: Feet and/or Inches or Centimeters or Height unknown		
17	Feet and/or _ Inches or _ Centimeters or Height unknown Height unknown Weight at the start of this cycle _ _ Pounds or _ _ Kilograms or Weight unknown Weight unknown Weight unknown Would be a month of this cycle _ _ _ Pounds or _ _ Kilograms or Weight unknown History of cigarette smoking: Did the patient smoke during the 3 months before the cycle started? Yes No Unknown Unknown Any prior pregnancies? Yes No No No No No No No N		
17	IF SEX OF PATIENT = MALE (FROM QUESTION #5) THEN SKIP #16-23 Height:		
17	IF SEX OF PATIENT = MALE (FROM QUESTION #5) THEN SKIP #16-23 Height:		
17	Height: Feet and/or Inches or Centimeters or Height unknown Height unknown Centimeters or Weight at the start of this cycle Pounds or Kilograms or Weight unknown History of cigarette smoking: Did the patient smoke during the 3 months before the cycle started? Yes		
17 18 19	Height: Feet and/or Inches or Centimeters or Height unknown Height at the start of this cycle Pounds or Kilograms or Weight at the start of this cycle No Weight unknown History of cigarette smoking: Did the patient smoke during the 3 months before the cycle started? Yes No Unknown Unknown Any prior pregnancies? Yes No SKIP IF NO PRIOR PREGNANCIES If prior pregnancies reported and couple is not surgically sterile, enter months or years attempting pregnancy since last clinical pregnancy months and/or years		
17 18 19	IF SEX OF PATIENT = MALE (FROM QUESTION #5) THEN SKIP #16-23 Height:		
17	Height: Feet and/or Inches or Centimeters or Height unknown Height at the start of this cycle Pounds or Kilograms or Weight at the start of this cycle No Weight unknown History of cigarette smoking: Did the patient smoke during the 3 months before the cycle started? Yes No Unknown Any prior pregnancies? Yes No SKIP IF NO PRIOR PREGNANCIES If prior pregnancies reported and couple is not surgically sterile, enter months or years attempting pregnancy since last clinical pregnancy months and/or years		

19C		Number of prior full term births _		
19D		Number of prior preterm births _		
19E	PREGNANCIES	Number of prior stillbirths _		
19F		Number of prior spontaneous abortions _		
19G		Number of ectopic pregnancies _		
170	Number of ectopic pregnancies			
20	Number of prior stim	nulations for ART: _ _		
21	Number of prior froz	en ART cycles: _		
21A	SKIP IF NO PRIOR ART CYCLES	Did any of the prior ART cycles result in a live birth?		
22	Patient maximum FS Or FSH unknown:	H level (MIU/mls): _ _ .		
23	Most recent AMH lev Or AMH unknown:	/el (ng/mL): .		
20	Date of most recent	AMH level _ - - _ _		
	OOCUTE COLUBEE PR	SOURCE AND CARRIER PROFILES		
Quex ID	OOCYTE SOURCE PRO	OFILE		
Quex ID	-	= PATIENT AND DONOR, ANSWER THIS QUESTION]		
	Youngest oocyte sou			
24A				
	Patient [SKIP TO	Patient [SKIP TO Q25]		
		Donor [CONTINUE TO Q24)		
24B	OOCYTE SOURCE Date of Birth (mm/dd/yyyy): [FIELD PRE-FILLED IF OOCYTE SOURCE=PATIENT]			
	OR age at earliest time oocytes were retrieved			
25	OOCYTE SOURCE Ethnicity: Select one: NOT Hispanic or Latino Hispanic or Latino Refused Unknown			
26	Select all that apply: White Black or African Asian Native Hawaiian			
26A	Select reason race not reported:			
PRE	EGNANCY CARRIER PROF	FILE		
	egnancy carrier			
27	Patient Gestational carrier			
	None (oocyte or embry	yo banking cycle only)		
	,, 5. 5. 1151	, 5, "11		

	[IF CARRIER=NONE THEN SKIP 28-31] or [IF CARRIER=PATIENT AND OOCYTE SOURCE=PATIENT THEN SKIP 28-31]		
28	Pregnancy carrier Date of Birth (mm/dd/yyyy): _ - - _ OR age at time of transfer		
	Pregnancy carrier Ethnicity:		
	Select one: ONOT Hispanic or Latino		
29	Hispanic or Latino		
_,	○ Refused		
	O Unknown		
	Pregnancy carrier Race (based on gestational carrier self report)		
	Select all that apply: White		
30	Black or African American		
	Asian		
	Native Hawaiian or other Pacific Islander		
	American Indian or Alaska Native		
30A	Yes Select reason race not reported: ○○ Refused		
	○ Control Con		
Quex ID	LEAD QUESTION		
	SPERM SOURCE PROFILE		
	Specify sperm source. Select all that apply.		
	Partner Partner		
31	Donor		
	Patient, if male		
	Unknown (select only if <u>all</u> sperm sources unknown for frozen)		
32	SPERM source Date of Birth (mm/dd/yyyy): _ _ - _ - _ [FIELD PRE-FILLED IF SPERM SOURCE=MALE PATIENT] Or		
	Unknown SPERM source Ethnicity:		
	Select one:		
33	○○ NOT Hispanic or Latino		
33	O Hispanic or Latino		
	Refused		
	○ Unknown SPERM source Race (based on patient self report)		
	Select all that apply:		
	White		
34	Black or African American		
	Asian		
	Native Hawaiian or other Pacific Islander American Indian or Alaska Native		
	Afficition initial of Alaska Native		
	Select reason race not reported:		
34A	○○ Refused		
	○○ Unknown		
	STIMULATION AND RETRIEVAL		
Quex ID	LEAD QUESTION		
	OVARIAN STIMULATION AND MEDICATIONS		
35	Was there stimulation for follicular development?		
	○Yes ○ No		

	[IF NO STIMULATION	I OR FROZEN CYCLE, SKIP #36-39]	
36	Oral medication such ○Yes ○ No	as aromatase inhibitor or selective estrogen receptor modulator?	
36A	[SKIP IF NO ORAL MEDS]	Clomiphene dosage (Total mgs): _ _ _ _ _ _ Letrozole dosage (Total mgs) _ _ _ _ _ _ Other (specify) _ dosage _ _ _ _ _ _	
37	Medication(s) contain ○Yes ○ No	ning FSH?	
37A	[SKIP IF NO FSH	Short-acting FSH (Total IUs): _ _ _ _	
37B	MEDS]	Long-acting FSH (Total mgs): _ _ _ _	
38	Medication(s) with Li ○Yes ○ No	H/HCG activity?	
Quex ID	LEAD QUESTION		
39	GnRH Protocol Select the one primary protocol: ○ No GnRH protocol ○ GnRH Agonist Suppression ○ GnRH Agonist Flare ○ GnRH Antagonist Suppression		
		open only for fresh cycles)	
	[IF OOCTIE/EMBRYO	SOURCE = FROZEN THEN SKIP 40-45]	
40	Was this ART cycle canceled prior to retrieval? ○Yes ○ No		
40A		Date cycle canceled (mm/dd/yyyy): _ - - _	
40B	[SKIP IF CYCLE <u>NOT</u> CANCELLED]	Select one primary reason cycle was canceled: Low ovarian response High ovarian response Inadequate endometrial response Concurrent illness Withdrawal only for personal reasons OTHER - specify	
	[IF CYCLE CANCELLED,	, STOP HERE]	
	FRESH OOCYTE RETRIE	- VΔI	
41	Date retrieval perforn		
42	Total number of patient oocytes retrieved: _		
43	Total number of donor oocytes retrieved: _		
44	Used for this cycle Oocytes frozen for future use Oocytes shared with other patients Embryos frozen for future use		
44A	[SKIP IF NO OOCYTES FROZEN] Number of FRESH oocytes frozen for future use: _		
	COMPLICATIONS OF O	OVARIAN STIMULATION OR OOCYTE RETRIEVAL	
45	○Yes ○ No	lications of ovarian stimulation or oocyte retrieval?	
45A		Select all complications that apply:	
	COMPLICATIONS	Infection Hemorrhage requiring transfusion	

	Ovai	rian hyperstimulation requiring intervention or hospitalization	
	Med	lication side effect	
	Anesthetic complication Thrombosis		
	Dear	th of patient	
	Othe	er – specify	
		Did the complication(s) require hospitalization?	
45B	SKIP IF NO COMPLICATIONS	○Yes ○ No	
	[IF OOCYTE BANKING CYCLE ONLY, STOP HERE]		

	SPERM RETRIEVAL			
46	Sperm status:			
	Fresh			
	Thawed			
	Mix of fresh and thawed			
	Sperm source utilized:			
	○ Ejaculated	u.		
	○ Epididymal			
	○ Testis			
47	○ Electroejaculation			
	Retrograde urin			
	O Donor			
	○ Unknown			
	O OTIKITOWIT	LADORATORY INFORMATION		
Ouev ID	LEAD OUESTION	LABORATORY INFORMATION		
Quex ID	LEAD QUESTION			
	MANIPULATION			
		erm injection (ICSI) performed on oocytes?		
40	○ All oocytes			
48	○ Some oocytes○ No oocytes			
	○ Unknown			
	O OHKHOWH			
		Indication for ICSI (select all that apply)		
		O Prior failed fertilization		
		O Poor fertilization		
		OO PGD		
48A	SKIP IF NO ICSI	O Abnormal semen parameters on day of fertilization		
		O Low oocyte yield		
		C Laboratory routine		
		O Prozen cycle		
		○○ Rescue ICSI ○○ Other - specify		
		IVM) performed on oocytes?		
40	○ All oocytes			
49	○ Some oocytes			
	O No oocytes O Unknown	O No oocytes		
		netic diagnosis or screening performed on embryos?		
	○ Yes	netic diagnosis of screening performed on embryos:		
50				
	○ Unknown			
50A		Total number of 2PN: _		
		Reason(s) for pre-implantation genetic diagnosis or screening (Select all that apply):		
		Either genetic parent is a known carrier of a gene mutation or a chromosomal abnormality		
50B		Aneuploidy screening of the embryos		
	SKIP IF PGD/PGS	Elective Gender Determination		
	NOT PERFORMED	Other screening of the embryos		
	OR UNKNOWN	Technique(s) used for pre-implantation genetic diagnosis or screening (Select all that apply):		
		Polar Body Biopsy		
500				
50C		Blastomere Biopsy		
		Blastocyst Biopsy		
		Unknown		
	Assisted hatching pe	erformed on embryos?		
	○ All embryos			
51	○ Some embryos			
	○ No embryos			
	○ Unknown			

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52	Was this a research cycle? ○ Yes Enter SART approval code ○ No	
52A	SKIP IF NOT RESEARCH CYCLE Pharmaceutical study Laboratory technique Other research	
	If 'Other', please specify	
	[IF EMBRYO BANKING CYCLE <u>ONLY,</u> SKIP TO #59, THEN STOP]	
	TRANSFER	
Quex ID	LEAD QUESTION	
53	CANCELLATION-II Was a transfer attempted? Yes No	
53A	Select one primary reason no transfer was attempted: Low ovarian response High ovarian response Failure to survive oocyte thaw Inadequate endometrial response Concurrent illness Withdrawal only for personal reasons Unable to obtain sperm specimen Insufficient embryos OTHER - specify	
	[IF TRANSFER NOT ATTEMPTED, STOP HERE]	
	GENERAL TRANSFER DETAILS	
54	Date of embryo transfer (mm/dd/yyyy): _ - _ - _	
55	Endometrial thickness at trigger: _mm	
	FRESH EMBRYO TRANSFER DETAILS	
56	[IF NO FRESH EMBRYOS TRANSFERRED, SKIP #57-58] Number of FRESH embryos transferred to uterus: _	
57	[SKIP #57 FOR MIXED CYCLE] If only one fresh embryo was transferred to the uterus, was this an elective single embryo transfer? ○Yes ○ No	
58A-X	Quality of embryo #1-X Good Fair Poor Unknown	
	Date of oocyte retrieval for embryo #1-X _ - -	
59	Number of FRESH embryos cryopreserved: _ [STOP HERE FOR EMBRYO BANKING ONLY CYCLE]	
	THAWED EMBRYO TRANSFER DETAILS	
60	Number of FROZEN or THAWED embryos available on day of transfer: _	
61	Number of THAWED embryos transferred to uterus: _ [IF NO THAWED EMBRYOS TRANSFERRED, SKIP #62]	

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	[SKIP #63 FOR MIXED		
62	If only <u>one</u> thawed embryo was transferred to the uterus, was this an <u>elective</u> single embryo transfer?		
	○Yes ○ No		
	Quality of embryo #1	-X	
62A-X	Good		
	Fair		
	Poor		
	Unknown		
	Ulkilowii		
	Date of oocyte retrieval for embryo #1-X _ - - _ -		
63	Number of THAWED	embryos cryopreserved (re-frozen):	
	GIFT/ZIFT/TET TRANSF	FER DETAILS	
64	[SKIP IF IVF CYCLE]		
04	Number of oocytes or	r embryos transferred to the FALLOPIAN TUBE: _	
		TREATMENT OUTCOME (only opens if transfer >0)	
Quex ID	LEAD QUESTION		
	OUTCOME OF TRANS		
	Outcome of treatmer		
	Not pregnar	nt entered and the second and the se	
	Biochemical	only	
	Clinical intra	auterine gestation	
65	Ectopic		
	Heterotopic		
	Unknown		
	THE MOT PRECNANT PROCHEMICAL ONLY ECTORIC OR HETEROTORIC CTOR HERE!		
	[IF NOT PREGNANT, E	BIOCHEMICAL ONLY, ECTOPIC, OR HETEROTOPIC, STOP HERE]	
66		Maximum fetal hearts on ultrasound performed before 7 weeks or prior to reduction: _	
		No ultrasound performed before 7 weeks gestation	
// ^	[CIVID IF NO 11/C]	Date ultrasound with max. number of fetal hearts observed before 7 weeks (mm/dd/yyyy):	
66A	[SKIP IF NO U/S]	_ _ - - - - - - - - - - - -	
66B	[SKIP IF NO U/S]	If 2 or more fetal hearts, any monochorionic twins or multiples? OYes ONo OUnknown	
		PREGNANCY OUTCOME (only opens if pregnancy = yes)	
Quex ID	LEAD QUESTION		
	OUTCOME OF PREGNA		
	Outcome of pregnance	cy:	
	Live birth		
	Spontaneous abortion		
67	Stillbirth		
0,	Induced abortion		
		eath prior to birth	
	Outcome unknown		
Date of pregnancy outcome (mm/dd/yyyy):			
68			
	•	hs cover more than one date, enter date of first born.	
	Method of delivery		
68A	Vaginal		
	Cesarean section		
69		n confirming pregnancy outcome:	
	(Select all that apply)		
	Verbal confi	irmation from patient	
	Written confirmation from patient		
	Verbal confirmation from physician or hospital		

	Written confirmation from physician or hospital
	BIRTH INFORMATION
70	Number of infants born: _
71A-X	Birth Status infant #1-X Live birth Stillbirth Unknown
72A-X	Gender infant #1-X Male Female Unknown
73A-X	Weight in pounds and ounces, or grams infant #1-X lbs and oz. OR _ g OR Weight unknown
74A-X	Birth defects (select all that apply) infant #1-X None Cleft lip/palate Genetic defect/chromosomal abnormality Neural tube defect Cardiac defect Limb defect Other (specify) OR Unknown