

G0	P 0	Full Term0	Pre Term0	Ect 0	Sab 0	Tab0	Bioch 0
1. IdiopathicX	2. Immunologic	3. Male factor	Vasectomy	Male cancer			
4. Anov/pco	5. Tubal	6. Bil occl	Tubal lig	Salpingectomy	Hydro		
6. Endometriosis	7. Uterus	8. Ovarian reserve/AMA	9. Other:				

Medical History	
Previous Surgery/H/stereoscopy	M.D.
Sounding	@RET
Count: ?	% Mot: ?
% Norm: ?	SA Date: ?
Sperm Source: HAR	#1 Microfluidics #2 idan1006F #3 Scania

Follicular Stimulation Plan: E2 Patch/Antagonist 300 Gonad-F + 150 Menopur x 3 days

Co-Culture: N PG1: Y Aneuploidy

CC: _____

Date	Cycle Day	FSH am (GF)
07/05/2024	2	2
07/09/2024	2	3
07/11/2024	3	4
07/12/2024	4	5
07/13/2024	5	6
07/14/2024	6	7
07/15/2024	7	8
07/16/2024	8	9
07/17/2024	9	10
07/18/2024	10	11
07/19/2024	11	12

[illegible][illegible][illegible]

E2 (Rch)	361	62.9	181	464	1085	1260
ESU (Rch)	3.48					

RSN (Rai)	LH (Rch)	P4
3.16	4.59	0.187
2.03	1.68	0.996
4.5	2.58	

Right Ultrasound	1 < 10° Chest	45 < 45° Chest	90° Chest
	9.8, 7.6	11.6, 9.9, 9.5	

18.5	4.0 < 10 (+), Cyst 19	Cyst 19.3, 2<10	Cyst 18
18.5	4.0 < 10 (+), Cyst 19	Cyst 19.3, 2<10	Cyst 18

Left Ultrasound	3-10 (s)	4-10 (s)	15.4, 11.4, 10.1, 7.7	16.2, 14.3, 12.2, 9.1, 7.7

Comments	
beta HCG: <5 es: 4.7	continue high x 8 days (MI) es: 6.5 es: 10.6 Gan now or soon them PM (MI): es: 14.2

MD	Irani, Mohamad		Davis, Owen	Irani, Mohamad	Irani, Mohamad
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[illegible]

100

MD: Irani, Mohamad MRN: 1401709761 Hosp #: 1401709761 Series: 112-1775
PT: Song, Julie DOB: 05/18/1982 Hm#: 1551804-6028 Local#: WK#:
Partner: Kim, Myung CBC date: 07/09/2024 Consents Antibiotics @ RETN EKG: HT: 5'2" Wt: 118 lbs BMI: 21.90 BSA: 1.53
Insurance: Bihor (Lifetime Max)

G0	P 0	Full Term 0	Pre Term 0	Ect 0	Sab 0	Tab 0	Bioch 0
1. IdiopathicX 2. Immunologic 3. Male factor Vasectomy Male cancer							
4. Anov/pco 5. Tubal Bil occl Tubal lig Salpingectomy Hydro							
6. Endometriosis 7. Uterus 8. Ovarian reserve/AMA 9. Other:							

Previous Attempts: 0 Elsewhere: Here: #FET: # Ovul Ind:
ICSI upfront: ICSI Considered: ICSI Spec Inst:

Follicular Stimulation Plan: E2 Patch/Antagonist 300 Gonad-F + 150 Menopur x 3 days

Date	07/20/2024	07/21/2024	07/22/2024	07/23/2024	
Cycle Day	13	14	Guessed 15	Guessed 16	
FSH am (GF)					
FSH pm (GF)	300	300			
HMG am (Men)					
HMG pm (Men)	150	150	150		
Ganirelix	Gani BID	Gani BID	Gani BID		
HGH					
Lupron			4mg Lupron + BHCG: 377 10000 @11:00 PM		
E2 (Rch)	1749	2292	2390	2663	
FSH (Rch)					
LH (Rch)	1.65	1.52	0.571	47.5	
P4					
Right Ultrasound	14.1, 14, 12 2-3 < 10 (+): Cyst 18	14.7, 14.4, 14.1, 12 1 < 10: Cyst 19	18.2, 16.9, 14.3 2-3 < 10 (+): Cyst 17.5		
Left Ultrasound	15.8, 15.7, 14.9 2-3 < 10 (+)	20, 18.8, 15 1 < 10	20.4, 19.6, 18.9, 13.7		
Comments	es: 13	es: 13.5	150 HMG + Gan at 4 PM (M); es: 17.2	beta HCG: 377	
MD	Kang, Hey-Joo	Ellas, Rony	Irani, Mohamad		
Instructions	Irani, Mohamad	Irani, Mohamad	Jakupaj, Kosovare	<Confirm>	
Reviewed					

Eggs: 5 # immat: 2 # 2PN 3/3 ICSI Y ET: P4 Plan: Date:



IVF Summary

09/04/2024 15:26

1401709761 Julee Song**DOB: 05/18/1982 Date of Study: 07/24/2024 Age: 42 Gender: F****Partner: Myung Kim DOB: 04/25/1982**

Weill Medical College of Cornell University
Ronald O. Perelman and Claudia Cohen
Center for Reproductive Medicine
1305 York Avenue, 6th Floor, New York, NY 10021

Cycle Information

Protocol E2 Patch/Antagonist
Date of Retrieval 07/24/2024

Sperm Data

	Initial	After Prep
Source	Ejaculate	
Volume (ml)	1.4	1.5
Concentration($\times 10^6$ /ml)	4.2	3
Motility (%)	43	98
Total Motile($\times 10^6$)		

Fertilization Results

ICSI	Yes
# Oocytes	5
# Mature	3
# 2PN	3

Other Data

PGT (cryopres embryos) Yes
Coculture No

Transfer Data

Transfer Data Not Available

Cryo Data

# D5/D6 Blast	2
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Embryo Culture Information

07/24/2024 Culture of oocyte(s)/embryo(s) less than 4 days
07/28/2024 Extended culture of oocyte(s)/embryo(s) 4-7 days



Laboratory of Preimplantation Genetics, CRMI
Weill Cornell Medical College of Cornell University
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New York, NY 10065
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Preimplantation Genetic Test Report

Test for Aneuploidy

Treat# 1117831

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Name (f) **Song, Julee**DoB (f) 5/18/1982 Emb Lab-ID **112-0026**

Name (Ptn) Kim, Myung

DoB (Ptn) 04/25/1982 Physician: Mohamad Irani, MD

D-Spec-Collect 2024-07-29 D-Spec-Received 7/29/2024 Accession#: **OME240966-20240729**

Date test started 7/31/2024 D-Test Completed 8/1/2024 Spe-Type D5/6/7 #Specimen: 2

Test Type: VitroLife EmbryoMAP

If Batched | T# Reporting:

Comments:

00a2-PGS24-Ind-EmbTab-Query subReport

RM: Emb-ID(Grade)	Sex Chr	Gain(s)/Loss(es)	Interpretation	Recommendation
112-0026-02 2BB-/C	XX	-14, -15, -22	Abnormal, Comp-Abn.	NO ET
112-0026-03 2B-B-, +F	XY	+16, -22	Abnormal, tri. 16, mono. 22.	NO ET

Abbreviation Definitions

PB: polar body (I or II). D3: D3 blastomeres. D5/6/7: D5/6/7 embryonic cells. Grd: Embryo grade at biopsy. WGA: Whole genome amplification. Emb#: Embryo No. Ch.: chromosome. Mono.: monosomy, Null.: nullisomy, Tri.: trisomy, Poly.: polysomy. NR: No Result. Inc: Inconclusive. Comp-Abn.: complex abnormalities (gain/loss ≥ 3 ch.). seq: next generation sequencing; st: segmental loss; sG: segmental gain; sm: small segmental changes; mos-: mosaic loss; mos+: mosaic gain; multi-mos: mos- and/or mos+, involving ≥ 3 chromosomes; ET: Embryo transfer; ET(w/caution): possible lower implantation rate or increased risk of abnormal pregnancy.

Test

EmbryoMap (eMAP, VitroLife, Sweden AB) is a test using molecular techniques to screen embryonic materials for all 24 chromosomes. The test is designed for single polar bodies from mature oocytes, or blastomeres, or a few trophectoderm cells from preimplantation embryos for the detection of chromosomal copy number imbalance using next generation sequencing platform (NGS) (Fiorentino, et al., 2014). First, the whole genome from biopsied specimens is amplified with a technique called whole genome amplification (WGA). WGA-DNA are cut into small pieces with defined lengths. A library of each specimen with all pieces is prepared. The DNA sequences will be determined on a NGS system, such as the Illumina's MiSeq or NextSeq sequencer. Raw data from the sequencer are then aligned to a known reference genome (GRCh 38). With analytic software (eMAP, VitroLife), the quality of aligned raw data (called "reads") will be assessed and suboptimal reads are filtered out. After software filtering, only "good reads" will be counted per specific chromosome, or the specific region (windows) and the counts are used to assess chromosome copy number. In addition to whole chromosome aneuploidy, this NGS platform may be able to detect large segments of duplications and/or deletions of chromosomes. Furthermore, NGS may provide some information on mosaicism in the biopsied samples. Results are classified in the following categories:

- 1) Normal: A "Normal" embryo is characterized as: Female, 46,XX /seq (1-22,X)x2, or Male, 46,XY /seq (1-22)x2,(XY)x1, and no gain or loss is detected, for any of the chromosomes; the embryo is recommended for transfer (ET).
- 2) Aneuploidy: any gain or loss of sex chromosome(s) and/or autosome(s); transfer of the embryo is not recommended (No ET).
- 3) Inconclusive or no result: a sample that wasn't successfully amplified or doesn't meet quality requirement to be processed for NGS; a retest of WGA products, or rebiopsy of the embryo, if possible, is recommended.
- 4) This test enables the detection of large sub-chromosomal aberrations in single cell. When a clear segmental gain (dup) or loss (del), ≥ 10 Mb, is detected, embryo may be described as "Abnormal" (partial/segmental aneuploidy). When a smaller segmental gain(s) or loss(es), between 5 and ≤ 10 Mb, are suspected, transfer with caution or rebiopsy is recommended. Segmental gain/loss, ≤ 5 Mb, will not be reliably detected (below current NGS resolution).
- 5) The test may detect mosaicism within biopsied specimens, gains/losses of whole chromosome or a segment(s) of chromosomes, typically $\geq 25-30 - < 75\%$, will be reported as mosaic. Transfer with caution (ET/caution) may be recommended depending on the degree of mosaicism and on specific chromosomes involved.

Disclaimer

Preimplantation Genetic Testing for aneuploidy (PGT-A) is a test for which the couple has given informed consent. The test was developed, and its performance determined by the Laboratory of Preimplantation Genetics, Center for Reproductive Medicine (CRM), Weill Cornell Medical College of Cornell University. It has not been cleared or approved by the U.S. Food and Drug Administration (FDA). VitroLife Embryo Map PGT-A is considered analyte specific reagents (ASR) by the FDA. Due to the limitation in resolution, the test should accurately reflect the whole chromosome and large sub-chromosomal aberrations. This test is unable to

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Preimplantation Genetic Test Report

Test for Aneuploidy

Treat# 1117831

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detect uniparental disomy (UPD) and will not distinguish the presence of normal karyotype from balanced translocations. The test is also unable to detect haploid or polyploid chromosome sets. Since this analysis is based on a single cell or a few cells, the test is not as reliable as a test using hundreds of cells. Although PGT generally provides accurate genotype information it is important to know that there are many potential sources of diagnostic error, including but not limited to misidentification of samples or other factors that interfere with analysis. Results may be inaccurate in cases where mosaicism is present in the embryos (i.e. in the cleavage stage blastomeres and in trophectoderm or inner cell mass cells of blastocysts), or within the biopsied specimens (i.e. in trophectoderm cells). Therefore, patients should understand that diagnostic errors may occur and the likelihood of the embryo being abnormal is not reduced to zero. Genetic counseling (available at the center or elsewhere) and prenatal diagnosis following PGD are strongly recommended.

Kangpu Xu, PhD, Director

Kangpu Xu

Date Report 8/5/2024

Author: Chung, Pak H, MD

Filed: 7/24/2024 10:23 AM

Editor: Chung, Pak H, MD (Attending)

Service: Ob/Gyn

Date of Service: 7/24/2024 10:09 AM

Author Type: Attending

Status: Signed

Operative Note

Surgery Date: 7/24/2024

Patient Name: Julee Song

MRN: 1401709761

Date of Birth: 5/18/1982

Pre-operative Diagnosis:

1. Ovarian follicles
2. Patient undergoing assisted reproductive surgery

Post-operative Diagnosis: Same

Procedure: Ultrasound-guided aspiration of ovarian cysts

Surgeon: Pak H. Chung, MD

Assistant: None

Anesthesia: MAC

EBL: Minimal

Fluids Replaced: Crystalloid

Complications: None

Findings: 5 oocytes recovered at the time of dictation

Indications:

Julee Song is a 42 year old female undergoing ultrasound-guided aspiration of ovarian follicles for assisted reproductive surgery

Procedure:

Consents were re-affirmed and re-signed with the patient. The patient was then brought to the OR. The patient's name and date of birth were verified with embryology and myself prior to the administration of anesthesia. After suitable MAC anesthesia was administered, the patient was prepped and draped in the usual sterile fashion. A transvaginal ultrasound was performed with a sterile draped probed with a needle guide attached. Using a 16G Cook aspiration needle and a negative pressure of 80 mmHg, all of the follicles were serially aspirated and the follicular fluid was sent to the IVF laboratory.

Once all of the follicles were aspirated, a sterile vaginal speculum exam was performed and hemostasis was obtained. The patient was then placed in a dorsal supine position and transported to the recovery room having tolerated the procedure well.

I was present and scrubbed for the entirety of the procedure.

Pak H. Chung, MD

Complications: None, patient tolerated the procedure well.

Attestation: I was present for the entire procedure.

MD: Irani, Mohamad MRN: 1401709761 Hosp #: 1401709761 Series: 112-2727
PT: Song, Julee DOB: 05/18/1982 Hm#: (551)804-6028 Wk#: Local#:
Partner: Kim, Myung CBC date: 09/02/2024 Consents Antibiotics @ RET N EKG: Ht: 5'2" Wt: 118 lbs BMI: 21.90 BSA: 1.53
Insurance: BiHor (Lifetime Max), United (Lifetime Max)

G0 P0 Full Term0 Pre Term0 Ect 0 Sab 0 Tab 0 Bioch 0
1. IdiopathicX 2. Immunologic 3. Male factor Vasectomy Male cancer
4. Anov/pco 5. Tubal Bli occl Tubal lig Salpingectomy Hydro
6. Endometriosis 7. Uterus 8. Ovarian reserve/AMA 9. Other:
Previous Attempts: 0 Elsewhere: Here: #FET: # Ovul Ind:
ICSI upfront: X ICSI Considered: ICSI Spec Inst:

Medical History
Previous Surgery/Hysteroscopy
Sounding M.D. @RET
Count: ? % Mot: ? % Norm: ? SA Date: ?
Sperm Source: HAR #1 Microfluidics# #2 #3 #4 #5 #6 #7 #8 #9 #10 #11 #12 #13 #14 #15 #16 #17 #18 #19 #20 #21 #22 #23 #24 #25 #26 #27 #28 #29 #30 #31 #32 #33 #34 #35 #36 #37 #38 #39 #40 #41 #42 #43 #44 #45 #46 #47 #48 #49 #50 #51 #52 #53 #54 #55 #56 #57 #58 #59 #60 #61 #62 #63 #64 #65 #66 #67 #68 #69 #70 #71 #72 #73 #74 #75 #76 #77 #78 #79 #80 #81 #82 #83 #84 #85 #86 #87 #88 #89 #90 #91 #92 #93 #94 #95 #96 #97 #98 #99 #100 #101 #102 #103 #104 #105 #106 #107 #108 #109 #110 #111 #112 #113 #114 #115 #116 #117 #118 #119 #120 #121 #122 #123 #124 #125 #126 #127 #128 #129 #130 #131 #132 #133 #134 #135 #136 #137 #138 #139 #140 #141 #142 #143 #144 #145 #146 #147 #148 #149 #150 #151 #152 #153 #154 #155 #156 #157 #158 #159 #160 #161 #162 #163 #164 #165 #166 #167 #168 #169 #170 #171 #172 #173 #174 #175 #176 #177 #178 #179 #180 #181 #182 #183 #184 #185 #186 #187 #188 #189 #190 #191 #192 #193 #194 #195 #196 #197 #198 #199 #200 #201 #202 #203 #204 #205 #206 #207 #208 #209 #210 #211 #212 #213 #214 #215 #216 #217 #218 #219 #220 #221 #222 #223 #224 #225 #226 #227 #228 #229 #230 #231 #232 #233 #234 #235 #236 #237 #238 #239 #240 #241 #242 #243 #244 #245 #246 #247 #248 #249 #250 #251 #252 #253 #254 #255 #256 #257 #258 #259 #260 #261 #262 #263 #264 #265 #266 #267 #268 #269 #270 #271 #272 #273 #274 #275 #276 #277 #278 #279 #280 #281 #282 #283 #284 #285 #286 #287 #288 #289 #290 #291 #292 #293 #294 #295 #296 #297 #298 #299 #300 #301 #302 #303 #304 #305 #306 #307 #308 #309 #310 #311 #312 #313 #314 #315 #316 #317 #318 #319 #320 #321 #322 #323 #324 #325 #326 #327 #328 #329 #330 #331 #332 #333 #334 #335 #336 #337 #338 #339 #340 #341 #342 #343 #344 #345 #346 #347 #348 #349 #350 #351 #352 #353 #354 #355 #356 #357 #358 #359 #360 #361 #362 #363 #364 #365 #366 #367 #368 #369 #370 #371 #372 #373 #374 #375 #376 #377 #378 #379 #380 #381 #382 #383 #384 #385 #386 #387 #388 #389 #390 #391 #392 #393 #394 #395 #396 #397 #398 #399 #400 #401 #402 #403 #404 #405 #406 #407 #408 #409 #410 #411 #412 #413 #414 #415 #416 #417 #418 #419 #420 #421 #422 #423 #424 #425 #426 #427 #428 #429 #430 #431 #432 #433 #434 #435 #436 #437 #438 #439 #440 #441 #442 #443 #444 #445 #446 #447 #448 #449 #450 #451 #452 #453 #454 #455 #456 #457 #458 #459 #460 #461 #462 #463 #464 #465 #466 #467 #468 #469 #470 #471 #472 #473 #474 #475 #476 #477 #478 #479 #480 #481 #482 #483 #484 #485 #486 #487 #488 #489 #490 #491 #492 #493 #494 #495 #496 #497 #498 #499 #500 #501 #502 #503 #504 #505 #506 #507 #508 #509 #510 #511 #512 #513 #514 #515 #516 #517 #518 #519 #520 #521 #522 #523 #524 #525 #526 #527 #528 #529 #530 #531 #532 #533 #534 #535 #536 #537 #538 #539 #540 #541 #542 #543 #544 #545 #546 #547 #548 #549 #550 #551 #552 #553 #554 #555 #556 #557 #558 #559 #560 #561 #562 #563 #564 #565 #566 #567 #568 #569 #570 #571 #572 #573 #574 #575 #576 #577 #578 #579 #580 #581 #582 #583 #584 #585 #586 #587 #588 #589 #590 #591 #592 #593 #594 #595 #596 #597 #598 #599 #600 #601 #602 #603 #604 #605 #606 #607 #608 #609 #610 #611 #612 #613 #614 #615 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#1179 #1180 #1181 #1182 #1183 #1184 #1185 #1186 #1187 #1188 #1189 #1190 #1191 #1192 #1193 #1194 #1195 #1196 #1197 #1198 #1199 #1200 #1201 #1202 #1203 #1204 #1205 #1206 #1207 #1208 #1209 #1210 #1211 #1212 #1213 #1214 #1215 #1216 #1217 #1218 #1219 #1220 #1221 #1222 #1223 #1224 #1225 #1226 #1227 #1228 #1229 #1230 #1231 #1232 #1233 #1234 #1235 #1236 #1237 #1238 #1239 #1240 #1241 #1242 #1243 #1244 #1245 #1246 #1247 #1248 #1249 #1250 #1251 #1252 #1253 #1254 #1255 #1256 #1257 #1258 #1259 #1260 #1261 #1262 #1263 #1264 #1265 #1266 #1267 #1268 #1269 #1270 #1271 #1272 #1273 #1274 #1275 #1276 #1277 #1278 #1279 #1280 #1281 #1282 #1283 #1284 #1285 #1286 #1287 #1288 #1289 #1290 #1291 #1292 #1293 #1294 #1295 #1296 #1297 #1298 #1299 #1300 #1301 #1302 #1303 #1304 #1305 #1306 #1307 #1308 #1309 #1310 #1311 #1312 #1313 #1314 #1315 #1316 #1317 #1318 #1319 #1320 #1321 #1322 #1323 #1324 #1325 #1326 #1327 #1328 #1329 #1330 #1331 #1332 #1333 #1334 #1335 #1336 #1337 #1338 #1339 #1340 #1341 #1342 #1343 #1344 #1345 #1346 #1347 #1348 #1349 #1350 #1351 #1352 #1353 #1354 #1355 #1356 #1357 #1358 #1359 #1360 #1361 #1362 #1363 #1364 #1365 #1366 #1367 #1368 #1369 #1370 #1371 #1372 #1373 #1374 #1375 #1376 #1377 #1378 #1379 #1380 #1381 #1382 #1383 #1384 #1385 #1386 #1387 #1388 #1389 #1390 #1391 #1392 #1393 #1394 #1395 #1396 #1397 #1398 #1399 #1400 #1401 #1402 #1403 #1404 #1405 #1406 #1407 #1408 #1409 #1410 #1411 #1412 #1413 #1414 #1415 #1416 #1417 #1418 #1419 #1420 #1421 #1422 #1423 #1424 #1425 #1426 #1427 #1428 #1429 #1430 #1431 #1432 #1433 #1434 #1435 #1436 #1437 #1438 #1439 #1440 #1441 #1442 #1443 #1444 #1445 #1446 #1447 #1448 #1449 #1450 #1451 #1452 #1453 #1454 #1455 #1456 #1457 #1458 #1459 #1460 #1461 #1462 #1463 #1464 #1465 #1466 #1467 #1468 #1469 #1470 #1471 #1472 #1473 #1474 #1475 #1476 #1477 #1478 #1479 #1480 #1481 #1482 #1483 #1484 #1485 #1486 #1487 #1488 #1489 #1490 #1491 #1492 #1493 #1494 #1495 #1496 #1497 #1498 #1499 #1500 #1501 #1502 #1503 #1504 #1505 #1506 #1507 #1508 #1509 #1510 #1511 #1512 #1513 #1514 #1515 #1516 #1517 #1518 #1519 #1520 #1521 #1522 #1523 #1524 #1525 #1526 #1527 #1528 #1529 #1530 #1531 #1532 #1533 #1534 #1535 #1536 #1537 #1538 #1539 #1540 #1541 #1542 #1543 #1544 #1545 #1546 #1547 #1548 #1549 #1550 #1551 #1552 #1553 #1554 #1555 #1556 #1557 #1558 #1559 #1560 #1561 #1562 #1563 #1564 #1565 #1566 #1567 #1568 #1569 #1570 #1571 #1572 #1573 #1574 #1575 #1576 #1577 #1578 #1579 #1580 #1581 #1582 #1583 #1584 #1585 #1586 #1587 #1588 #1589 #1590 #1591 #1592 #1593 #1594 #1595 #1596 #1597 #1598 #1599 #1600 #1601 #1602 #1603 #1604 #1605 #1606 #1607 #1608 #1609 #1610 #1611 #1612 #1613 #1614 #1615 #1616 #1617 #1618 #1619 #1620 #1621 #1622 #1623 #1624 #1625 #1626 #1627 #1628 #1629 #1630 #1631 #1632 #1633 #1634 #1635 #1636 #1637 #1638 #1639 #1640 #1641 #1642 #1643 #1644 #1645 #1646 #1647 #1648 #1649 #1650 #1651 #1652 #1653 #1654 #1655 #1656 #1657 #1658 #1659 #1660 #1661 #1662 #1663 #1664 #1665 #1666 #1667 #1668 #1669 #1670 #1671 #1672 #1673 #1674 #1675 #1676 #1677 #1678 #1679 #1680 #1681 #1682 #1683 #1684 #1685 #1686 #1687 #1688 #1689 #1690 #1691 #1692 #1693 #1694 #1695 #1696 #1697 #1698 #1699 #1700 #1701 #1702 #1703 #1704 #1705 #1706 #1707 #1708 #1709 #1710 #1711 #1712 #1713 #1714 #1715 #1716 #1717 #1718 #1719 #1720 #1721 #1722 #1723 #1724 #1725 #1726 #1727 #1728 #1729 #1730 #1731 #1732 #1733 #1734 #1735 #1736 #1737 #1738 #1739 #1740 #1741 #1742 #1743 #1744 #1745 #1746 #1747 #1748 #1749 #1750 #1751 #1752 #1753 #1754 #1755 #1756 #1757 #1758 #1759 #1760 #1761 #1762 #1763 #1764 #1765 #1766 #1767 #1768 #1769 #1770 #1771 #1772 #1773 #1774 #1775 #1776 #1777 #1778 #1779 #1780 #1781 #1782 #1783 #1784 #1785 #1786 #1787 #1788 #1789 #1790 #1791 #1792 #1793 #1794 #1795 #1796 #1797 #1798 #1799 #1800 #1801 #1802 #1803 #1804 #1805 #1806 #1807 #1808 #1809 #1810 #1811 #1812 #1813 #1814 #1815 #1816 #1817 #1818 #1819 #1820 #1821 #1822 #1823 #1824 #1825 #1826 #1827 #1828 #1829 #1830 #1831 #1832 #1833 #1834 #1835 #1836 #1837 #1838 #1839 #1840 #1841 #1842 #1843 #1844 #1845 #1846 #1847 #1848 #1849 #1850 #185

IVF Summary

10/08/2024 11:12

1401709761 Julee Song

DOB: 05/18/1982 **Date of Study:** 09/13/2024 **Age:** 42 **Gender:** F
Partner: Myung Kim **DOB:** 04/25/1982

Weill Medical College of Cornell University
Ronald O. Perelman and Claudia Cohen
Center for Reproductive Medicine
1305 York Avenue, 6th Floor, New York, NY 10021

Cycle Information

Protocol	Micro-Dose
Date of Retrieval	09/13/2024

Sperm Data

	Initial	After Prep
Source	Ejaculate	
Volume (ml)	1.2	0.5
Concentration(x10 ⁶ /ml)	57	3
Motility (%)	41	98
Total Motile(x10 ⁶)	28.04	1.42

Fertilization Results

ICSI	Yes
# Oocytes	3
# Mature	3
# 2PN	2
# Not Fertilized	1

Other Data

PGT	No
Coculture	No

Transfer Data

Transfer Data Not Available

Cryo Data

No Cryo

Embryo Culture Information

09/13/2024 Culture of oocyte(s)/embryo(s) less than 4 days
09/17/2024 Extended culture of oocyte(s)/embryo(s) 4-7 days



Author: Stewart, Joshua D., MD

Service: Ob/Gyn

Author Type: Attending

Filed: 9/13/2024 10:05 AM

Date of Service: 9/13/2024 9:30 AM

Status: Signed

Editor: Stewart, Joshua D., MD (Attending)

Operative Note

Surgery Date: 9/13/2024

Patient Name: Julee Song

MRN: 1401709761

Date of Birth: 5/18/1982

Pre-operative Diagnosis:

1. Ovarian follicles
2. Patient undergoing assisted reproductive surgery

Post-operative Diagnosis: Same

Procedure: Ultrasound-guided aspiration of ovarian cysts

Surgeon: Joshua D. Stewart, MD

Assistant: None

Anesthesia: MAC

EBL: Minimal

Fluids Replaced: Crystalloid

Complications: None

Findings: 3 oocytes recovered at time of dictation

Indications:

Julee Song is a 42 year old female undergoing ultrasound-guided aspiration of ovarian follicles for assisted reproductive surgery

Procedure:

Consents were re-affirmed and re-signed with the patient. The patient was then brought to the OR. The patient's name and date of birth were verified with embryology and myself prior to the administration of anesthesia. After suitable MAC anesthesia was administered, the patient was prepped and draped in the usual sterile fashion. A transvaginal ultrasound was performed with a sterile draped probed with a needle guide attached. Using a 16G Cook aspiration needle and a negative pressure of 80 mmHg, all of the follicles were serially aspirated and the follicular fluid was sent to the IVF laboratory.

Once all of the follicles were aspirated, a sterile vaginal speculum exam was performed and hemostasis was obtained. The patient was then placed in a dorsal supine position and transported to the recovery room having tolerated the procedure well.

I was present and scrubbed for the entirety of the procedure.

Joshua D. Stewart, MD

Complications: None, patient tolerated the procedure well.

Attestation: I was present for the entire procedure.

Sounding - Embryo Transfer
1401709761 Julee Song

DOB: 05/18/1982 **Date of Study:** 11/12/2024 **Age:** 42 **Gender:** F

12/09/2024 09:08
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Weill Medical College of Cornell University
Ronald O. Perelman and Claudia Cohen
Center for Reproductive Medicine
1305 York Avenue, 6th Floor, New York, NY 10021

Series: 112-4535

Diagnosis: N97.8

Insem	<input type="text" value="N"/>	AHA	<input type="text" value="N"/>
ICSI	<input type="text" value="Y"/>	CC	<input type="text" value="N"/>
Oocytes	<input type="text" value="6"/>	1PN	<input type="text"/>
Mature	<input type="text" value="5"/>	3PN	<input type="text"/>
2PN	<input type="text" value="5"/>	Deg	<input type="text" value="0"/>
No Fert	<input type="text" value="0"/>	Cryo	<input type="text" value="2"/>
Transf	<input type="text" value="2"/>	Deselect	<input type="text" value="1"/>
# Cells	<input type="text" value="10, 9"/>		

Embryo Transfer

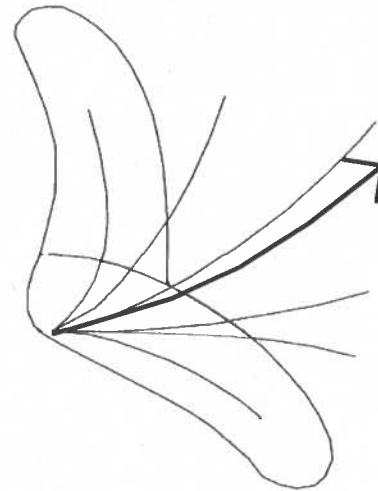
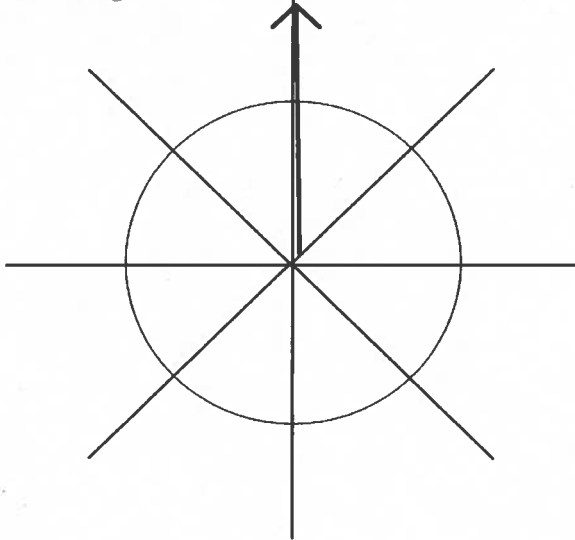


Diagram depicts patient in lithotomy position

Depth: 6

Position: AV

Comments: Patient identified verbally and confirmed wrist band. Name on dish confirmed and matched with wrist., Ultrasound guidance, Easy, Straight

Electronic Signatures

Hey-Joo Kang, MD



Sounding - Embryo Transfer
1401709761 Julee Song

DOB: 05/18/1982 Date of Study: 11/12/2024 Age: 42 Gender: F

12/09/2024 09:08
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Weill Medical College of Cornell University
Ronald O. Perelman and Claudia Cohen
Center for Reproductive Medicine
1305 York Avenue, 6th Floor, New York, NY 10021

After discussing the procedure and obtaining consent, we proceeded with the procedure. The patient was placed in a lithotomy position and a speculum was positioned in the usual fashion. The cervix was clearly visualized. A sterile prep was done. After such, a catheter was inserted in the cervix and was utilized to map out the cervical and uterine pathways. After the placement of the catheter, measurements of the length from the cervix to the uterus was obtained so as to determine the correct size catheter to be used during the actual embryo transfer. The ideal angle at which the catheter should be placed was established depicting the best route and ideal location for the actual transfer. Once this was determined, the speculum was removed in the usual fashion. After the procedure, the distance was confirmed by ultrasonic guidance. The patient tolerated the procedure well.

Electronic Signatures

Hey-Joo Kang, MD



MD: Irani, Mohammad

MRN: 1401709761

Hosp #: 1401709761

Series: 112-4535

PT: Song, Julie

DOB: 05/18/1982

Hm#: (551)804-6028

Wk#:

Local#:

Partner: Kim, Myung

CBC date: 11/08/2024

Consents

Antibiotics @ RETN

EKG:

Ht: 5'2"

Wt: 118 lbs

BMI: 21.90

BSA: 1.53

Insurance: Bihor (Calendar Max), United (Lifetime Max)

Allergies: NKDA

G0 P0 Full Term0 Pre Term0 Ect 0 Sab 0 Tab0 Bioch 0

1. Idiopathic 2. Immunologic 3. Male factor 4. Vasectomy 5. Male cancer

6. Anov/pco 7. Tubal 8. Bil occl 9. Tubal lig 10. Salpingectomy 11. Hydro

6. Endometriosis 7. Uterus 8. Ovarian reserve/AM/AX 9. Other:

Previous Attempts: 0 Elsewhere: Here: 0 #FET: #Ovul Ind:

ICSI upfront: X ICSI Considered: ICSI Spec Inst:

ASA

Co-Culture: N PGT: N

Follicular Stimulation Plan: Clomid/Antagonist 225 Gonad-F + 75 Menopur x 3 days

CC:

PGT: N

Date 10/24/2024 10/25/2024 10/26/2024 10/27/2024 10/28/2024 10/29/2024 10/30/2024 10/31/2024 11/01/2024 11/02/2024 11/03/2024 11/04/2024

Cycle Day 2 3 4 5 6 7 8 9 10 11 12 13

FSH am (GF) 2 3 4 5 6 7 8 9 10 11 12 13

FSH pm (GF) 2 3 4 5 6 7 8 9 10 11 12 13

HMG am (Men) 2 3 4 5 6 7 8 9 10 11 12 13

HMG pm (Men) 2 3 4 5 6 7 8 9 10 11 12 13

Cetrotide 2 3 4 5 6 7 8 9 10 11 12 13

HGH 2 3 4 5 6 7 8 9 10 11 12 13

Dexamethasone 2 3 4 5 6 7 8 9 10 11 12 13

Lupron 2 3 4 5 6 7 8 9 10 11 12 13

CC 2 3 4 5 6 7 8 9 10 11 12 13

E2 (Rch) 2 3 4 5 6 7 8 9 10 11 12 13

FSH (Rch) 2 3 4 5 6 7 8 9 10 11 12 13

LH (Rch) 2 3 4 5 6 7 8 9 10 11 12 13

P4 2 3 4 5 6 7 8 9 10 11 12 13

Right Ultrasound 2 3 4 5 6 7 8 9 10 11 12 13

Left Ultrasound 2 3 4 5 6 7 8 9 10 11 12 13

Comments 2 3 4 5 6 7 8 9 10 11 12 13

MD 2 3 4 5 6 7 8 9 10 11 12 13

Instructions 2 3 4 5 6 7 8 9 10 11 12 13

Reviewed 2 3 4 5 6 7 8 9 10 11 12 13

Day 3 RN: Start Lupron Date:

Retained Not Pregnant

last day of HGH (TH); es: 6

labs only es: 11.2

labs only (MI) TTD CEF (MI); es: 13.5

Microfluidics #2108ART0557 res#3040146

Cryo Bank: #1

ASA

Co-Culture: N PGT: N

CC:

PGT: N

ASA

Co-Culture: N PGT: N



MD: Irani, Mohamad MRN: 1401709761 Hosp #: 1401709761 Series: 112-4535

PT: Song, Julie DOB: 05/18/1982 Hm#: (551)804-6028 Wk#: Local#:

Partner: Kim, Myung CBC date: 11/08/2024 Consents: Antibiotics @ RETN EKG: Ht: 5'2" Wt: 118 lbs BMI: 21.90 BSA: 1.53

Insurance: Bihor (Calendar Max), United (Lifetime Max) Allergies: NKDA

G0	P 0	Full Term 0	Pre Term 0	Ect 0	Sab 0	Tab 0	Bioch 0
1. Idiopathic 2. Immunologic 3. Male factor Vasectomy Male cancer							
4. Anov/pco 5. Tubal Bil occul Tubal lig Salpingectomy Hydro							
6. Endometriosis 7. Uterus 8. Ovarian reserve/AM/AX 9. Other:							

Previous Attempts: 0 Eisewhere: Here: 0 #FET: # Ovul Ind:

ICSI upfront: X ICSI Considered: ICSI Spec Inst:

Follicular Stimulation Plan: Clomid/Antagonist 225 Gonad-F + 75 Menopur x 3 days

Date 11/05/2024 11/06/2024 11/07/2024 11/08/2024

Cycle Day 14 Guessed 15 Guessed 16 Guessed 17

FSH am (GF) 150 150

FSH pm (GF) 150 150

HMG am (Men) 150 150

HMG pm (Men) 150 150

Cetroide Cetr BID Cetr BID Cetr AM

HGH Dexamethasone Dex 0.5mg Dex 0.5mg 4mg Lupron +BHCG: 77.9

Lupron 1500 @9:00 PM

CC 2463 2786 4281 3795

E2 (Rch) 2463 2786 4281 3795

FSH (Rch) 4.13 2.14 1.7 44.3

LH (Rch) 4.13 2.14 1.7 44.3

P4 18.7, 16.8, 15.4, 20.5, 19.5, 21.5, 19.1, 17.8, 17.6, 17.5, 17.4

Right Ultrasound 14.3, 13.3, 12 Cyst 0 2-3 < 10 (+)

Left Ultrasound 18.9, 14, 13.7, 13.1 19.5, 15.5, 15.2, 11.2 20.6, 17.3, 15.2, 11.2

2-3 < 10 (+) 2-3 < 10 (+)

Comments TTD CET (MI): es: 14 TTD CET (MI): es: 12 TTD CET until trigger: 36 hours. (MI): es: 15.7 beta HCG: 77.9 rpt CBC (TH)

MD Irani, Mohamad Chung, Pak Irani, Mohamad Chambers, Jessica

Instructions Irani, Mohamad

Reviewed <Confirm>



IVF Summary

12/09/2024 09:33

1401709761 Julee Song**DOB:** 05/18/1982 **Date of Study:** 11/09/2024 **Age:** 42 **Gender:** F**Partner:** Myung Kim **DOB:** 04/25/1982Weill Medical College of Cornell University
Ronald O. Perelman and Claudia Cohen
Center for Reproductive Medicine
1305 York Avenue, 6th Floor, New York, NY 10021**Cycle Information**

Protocol	Clomid/Antagonist
Date of Retrieval	11/09/2024
Date of Transfer	11/12/2024

Sperm Data

	Initial	After Prep
Source	Ejaculate	
Volume (ml)	1.5	1
Concentration($\times 10^6$ /ml)	72	2
Motility (%)	44	99
Total Motile($\times 10^6$)		

Fertilization Results

ICSI	Yes
# Oocytes	6
# Mature	5
# 2PN	5

Other Data

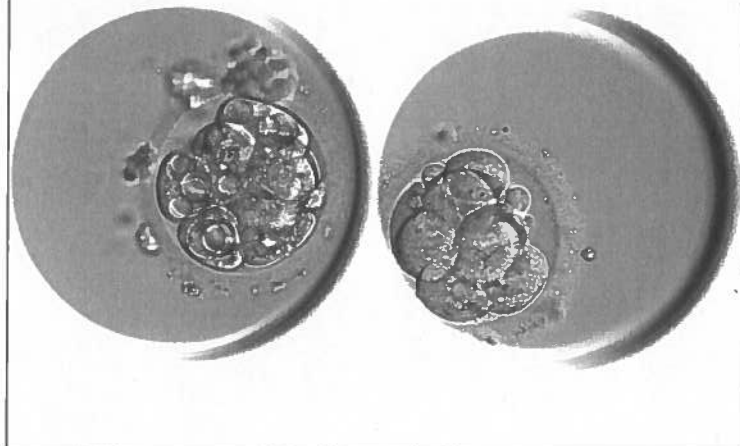
PGT	No
Coculture	No

Transfer Data

Day of Transfer	3
# 2PN Transferred	2
Cell Stages	10, 9
Grade	1

Cryo Data

# D5/D6 Blast	2
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Julee Song**Embryo Culture Information**

11/09/2024 Culture of oocyte(s)/embryo(s) less than 4 days

11/13/2024 Extended culture of oocyte(s)/embryo(s) 4-7 days



Embryology Report

12/09/2024 09:18

Page 1 (1)

1401709761 Julee Song

Weill Medical College of Cornell University

1305 York Avenue, 6th Floor

New York, NY

(212) 746-1762

DOB: 05/18/1982 Date of Study: 11/09/2024 Age: 42 Gender: F

Partner: Myung Kim DOB: 04/25/1982

Treatment: 112-4535 IVF (Lab#: 112-1434)

Retrieval Date: 11/09/2024

Sperm Source: Ejaculate

Oocytes: 6

Immature: 1

ICSI: 5

2PN: 5

#	Oocyte	PN	Day 3 AM	Frag	Day 5	Day 6	Transferred	Cryopreserved
1	Mature	2	9+	-	-	-	Yes- D3	No
2	Mature	2	8	-	-	-	Yes- D3	No
3	Mature	2	5	-	M	3BB	No	Yes- D6
4	Mature	2	4	-	-	CM	No	Yes- D7
5	Mature	2	4	-	ARR	-	No	No
6	Deg/Abn	-	-	-	-	-	No	No

Author: Kang, Hey Joo, MD

Service: Ob/Gyn - Ambulatory Care

Author Type: Attending

Filed: 11/9/2024 9:29 AM

Date of Service: 11/9/2024 8:41 AM

Status: Addendum

Editor: Kang, Hey Joo, MD (Attending)

Related Notes: Original Note by Kang, Hey Joo, MD (Attending) filed at 11/9/2024 5:57 AM

Complications: None, patient tolerated the procedure well.

Attestation: I was present for the entire procedure.

Operative Note

Surgery Date: 11/9/2024

Patient Name: Julee Song

MRN: 1401709761

Date of Birth: 5/18/1982

Pre-operative Diagnosis:

1. Ovarian follicles
2. Patient undergoing assisted reproductive surgery

Post-operative Diagnosis: Same

Procedure: Ultrasound-guided aspiration of ovarian cysts

Surgeon: Hey Joo Kang, MD

Assistant: None

Anesthesia: MAC

EBL: Minimal

Fluids Replaced: Crystalloid

Complications: None

Findings: 6 oocytes recovered

Indications:

Julee Song is a 42 year old female undergoing ultrasound-guided aspiration of ovarian follicles for assisted reproductive surgery

Procedure:

Consents were re-affirmed and re-signed with the patient. The patient was then brought to the OR. After suitable MAC anesthesia was administered, the patient was prepped and draped in the usual sterile fashion. A transvaginal ultrasound was performed with a sterile draped probed with a needle guide attached. Using a 16G Cook aspiration needle and a negative pressure of 80 mmHg, all of the follicles were serially aspirated and the follicular fluid was sent to the IVF laboratory.

Once all of the follicles were aspirated, a sterile vaginal speculum exam was performed and hemostasis was obtained. The patient was then placed in a dorsal supine position and transported to the recovery room using a surgi-lift having tolerated the procedure well.

I was present and scrubbed for the entirety of the procedure.

Hey Joo Kang, MD