

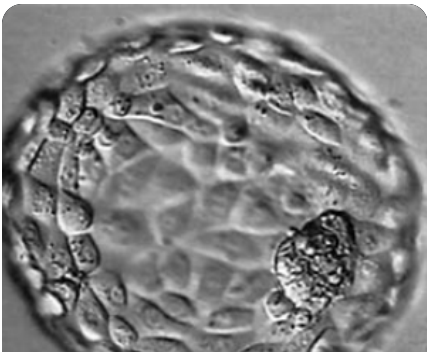
PATIENT	DOB	PARTNER	RETRIEVAL	PHYSICIAN
Jane Doe	04/12/1988	John Doe	March 1, 2026	Dr. Doe

Ranked Embryo Summary

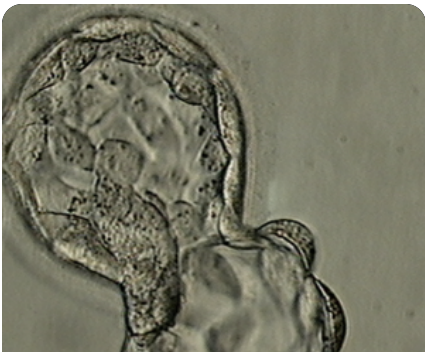
Embryos ranked by AI morphokinetic score. Click any image to upload the corresponding last-frame photograph. Detailed parameter data follows on subsequent pages.



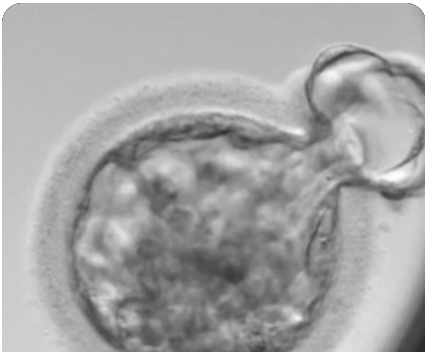
Embryo 191/100



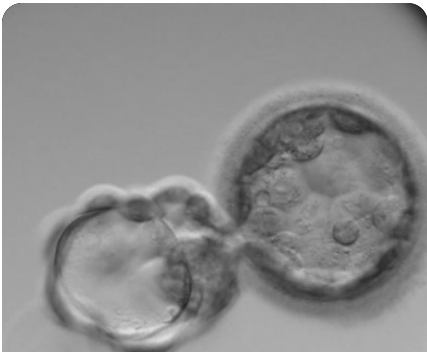
Embryo 287/100



Embryo 374/100



Embryo 463/100



Embryo 531/100

Score key: 75–100 · High quality 50–74 · Moderate <50 · Reduced quality | Score = % of 8 morphokinetic parameters within published reference ranges (Gardner & Meseguer benchmarks)

PATIENT

Jane Doe

DOB

04/12/1988

PARTNER

John Doe

RETRIEVAL

March 1, 2026

PHYSICIAN

Dr. Doe

PARAMETER REFERENCE GUIDE

PARAMETER	FULL NAME	DEFINITION	REFERENCE RANGE
t2	Time to 2-cell	Time from fertilization to first cleavage, producing a 2-cell embryo. Earlier, well-timed cleavage correlates with higher developmental competence.	24 – 27 h
t5	Time to 5-cell	Time from fertilization to the 5-cell stage. Delays may indicate reduced mitotic efficiency or cytoplasmic dysfunction.	48 – 56 h
tBlast	Time to Blastocyst	Time from fertilization to full blastocyst formation (cavitation complete). Timely blastulation correlates with chromosomal normalcy and implantation potential.	96 – 110 h
Cleavage	Cleavage Pattern	Cell division pattern during early development. Normal = sequential 2→4 division. Direct cleavage (2→4, skipping 3-cell) and reverse cleavage are abnormal patterns associated with aneuploidy.	Normal
Symmetry	2-Cell Symmetry	Relative size equality of the two blastomeres at the 2-cell stage. Symmetric division is associated with better developmental outcomes; asymmetry may reflect unequal cytoplasmic distribution.	Symmetric
Frag %	Fragmentation	Percentage of embryo volume comprised of anucleate cytoplasmic fragments. <10% is associated with normal development; >25% significantly impairs blastulation and implantation rates.	< 10%
ICM	Inner Cell Mass	Gardner grade of the inner cell mass — cells that form the fetus. Grade A = prominent, tightly packed; B = several loosely grouped cells; C = very few cells. Primary predictor of implantation success.	Grade A or B
TE	Trophectoderm	Gardner grade of the outer cell layer that forms the placenta. Grade A = many cells, cohesive epithelium; B = few cells, loose epithelium; C = very few large or irregular cells. Directly impacts implantation and placentation.	Grade A or B

Reference ranges based on Gardner & Meseguer morphokinetic benchmarks. Score = proportion of 8 parameters within published reference ranges. This is not a predictive viability score.

INDIVIDUAL EMBRYO SCORECARDS

Embryo 1		91/100	
PARAMETER	REFERENCE	OBSERVED	STATUS
t2	24–27 h	26.1 h	✓
t5	48–56 h	51.3 h	✓
tBlast	96–110 h	96.2 h	✓
Cleavage	Normal	Normal	✓
Symmetry	Symmetric	Symmetric	✓
Frag %	< 10%	3%	✓
ICM	A or B	A	✓
TE	A or B	A	✓
AI OBSERVATIONS - All 8 parameters within published reference ranges. - Optimal cleavage timing throughout all developmental stages. - ICM grade A / TE grade A — high-quality blastocyst morphology. - Symmetric 2-cell division; normal cleavage pattern; minimal fragmentation (3%).			

Embryo 2		87/100	
PARAMETER	REFERENCE	OBSERVED	STATUS
t2	24–27 h	25.8 h	✓
t5	48–56 h	52.0 h	✓
tBlast	96–110 h	98.4 h	✓
Cleavage	Normal	Normal	✓
Symmetry	Symmetric	Symmetric	✓
Frag %	< 10%	5%	✓
ICM	A or B	A	✓
TE	A or B	B	~
AI OBSERVATIONS 7 of 8 parameters within reference ranges; 1 borderline. - Cleavage timing normal — t2 25.8 h, t5 52.0 h, tB 98.4 h. - ICM grade A; TE grade B borderline (ref: A or B). - Fragmentation 5%; symmetric division; normal cleavage pattern.			

Embryo 3		74/100	
PARAMETER	REFERENCE	OBSERVED	STATUS
t2	24–27 h	27.4 h	~
t5	48–56 h	54.2 h	✓
tBlast	96–110 h	101.1 h	✓
Cleavage	Normal	Normal	✓
Symmetry	Symmetric	Slight asymmetry	~
Frag %	< 10%	8%	✓
ICM	A or B	B	~
TE	A or B	B	~
AI OBSERVATIONS 4 of 8 parameters within range; 4 borderline. - t2 marginally delayed at 27.4 h (ref: 24–27 h). - Slight 2-cell asymmetry noted; cleavage pattern otherwise normal. - ICM grade B / TE grade B — acceptable range; fragmentation 8%.			

Embryo 4		63/100	
PARAMETER	REFERENCE	OBSERVED	STATUS
t2	24–27 h	28.3 h	✗
t5	48–56 h	57.8 h	✗
tBlast	96–110 h	104.8 h	✓
Cleavage	Normal	Direct clvg	✗
Symmetry	Symmetric	Asymmetric	✗
Frag %	< 10%	14%	✗
ICM	A or B	B	~
TE	A or B	C	✗
AI OBSERVATIONS 1 of 8 within range; 1 borderline; 6 outside reference ranges. - t2 and t5 delayed; direct cleavage (t2→t4) — abnormal pattern. - Asymmetric 2-cell division; fragmentation elevated at 14%. - TE grade C outside acceptable range; ICM grade B borderline.			

Embryo 5		31/100	
PARAMETER	REFERENCE	OBSERVED	STATUS
t2	24–27 h	31.2 h	✗
t5	48–56 h	63.1 h	✗
tBlast	96–110 h	118.3 h	✗
Cleavage	Normal	Reverse clvg	✗
Symmetry	Symmetric	Asymmetric	✗
Frag %	< 10%	22%	✗
ICM	A or B	C	✗
TE	A or B	C	✗
AI OBSERVATIONS - All 8 parameters outside published reference ranges. - Significant delays across all stages — tB at 118.3 h. - Reverse cleavage observed — high-risk pattern. - Fragmentation 22%; ICM grade C / TE grade C.			

PATIENT	DOB	RETRIEVAL	PHYSICIAN
Jane Doe	04/12/1988	March 1, 2026	Dr. Doe

PURPOSE

This report documents AI-observed morphokinetic parameters from automated time-lapse embryo video analysis. It is a clinical documentation tool for the ordering embryologist and physician only.

NOT A RECOMMENDATION

This report does not constitute a transfer recommendation, clinical diagnosis, or prognosis. All embryo selection and disposition decisions are made solely by the ordering physician and clinical team in consultation with the patient.

SCORE DEFINITION

The Morphokinetic Score reflects the proportion of observed parameters falling within published reference ranges (Gardner & Meseguer benchmarks). It is not a predictive viability score and should not be interpreted as such.

COMPANY DISCLOSURE

This report was generated by MorphIQ — a specialized AI embryology platform. MorphIQ does not perform laboratory procedures, handle biological specimens, or provide medical advice. This report does not establish a physician-patient relationship.