Magenta™

FERTILITY CLINIC

OOCYTE ASSESSMENT FOR IVF

PATIENT

FF ID:	000223060457826
Patient ID:	FF-23-1234
Name:	Jane Smith
Age\Date of Birth:	33\ Oct. 10, 1989
Date of Retrieval:	June 16, 2023

CLINIC

Doctor :	Fertility Doctor
Clinic :	Fertility Clinic
Phone :	416-123-4567
Email :	info@familyclinic.com

REPORT

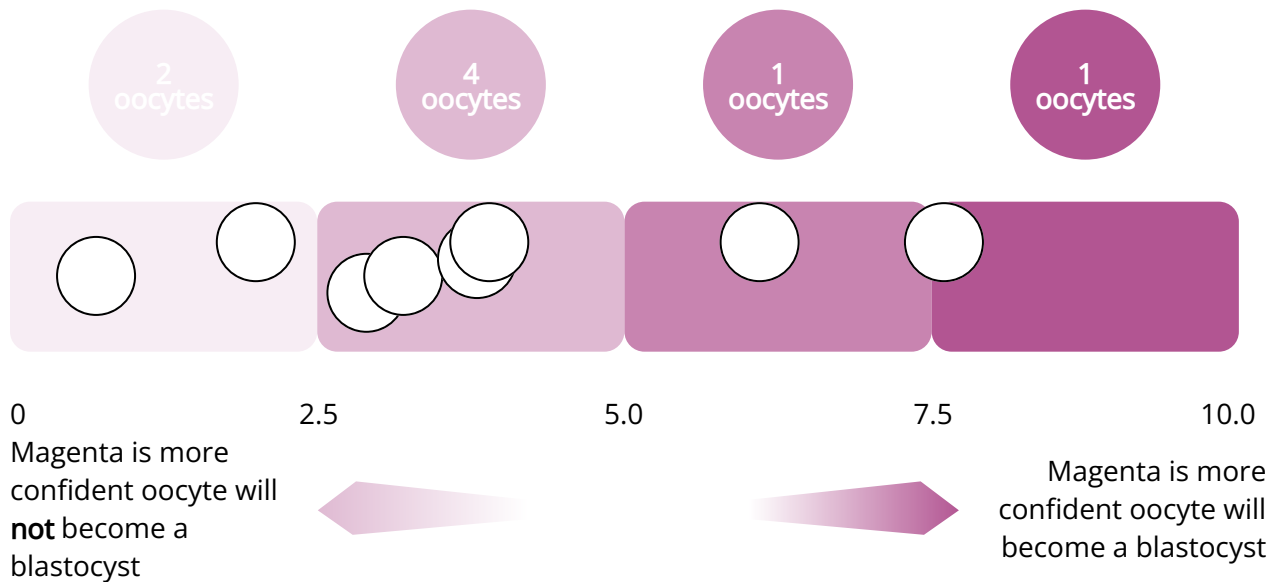|	
Number of oocytes:	8
Date of report:	June 16, 2023

Jane Smith's Report

MAGENTA is an oocyte evaluation tool.
The score ranges between 0 and 10.0. A higher score correlates with a higher oocyte potential to become a blastocyst.

OOCYTES

You have **8** mature oocytes evaluated

2 oocytes	4 oocytes	1 oocytes	1 oocytes

0   2.5   5.0   7.5   10.0

Magenta is more confident oocyte will **not** become a blastocyst

Magenta is more confident oocyte will become a blastocyst

M MAGENTA SCORE REFERENCE

Magenta score	0-2.5	2.6-5	5.1-7.5	7.6-10
Blastocyst Rate*	18.9%	36.8%	45.3%	52.4%

*Blastocyst rate refers to the percent of oocytes that became a blastocyst within that Magenta score range. The percent is based on ~8000 oocyte images that were analyzed by Magenta
Please see definitions on last page.

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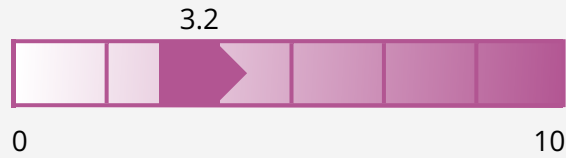33\Oct. 10, 1989

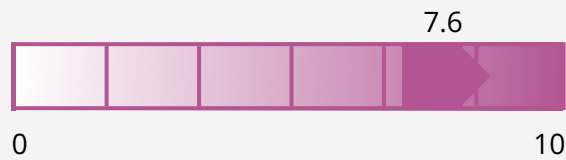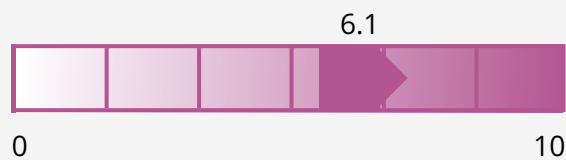**Date of Retrieval:**
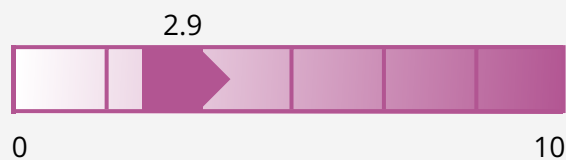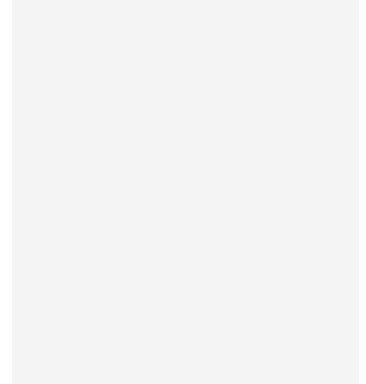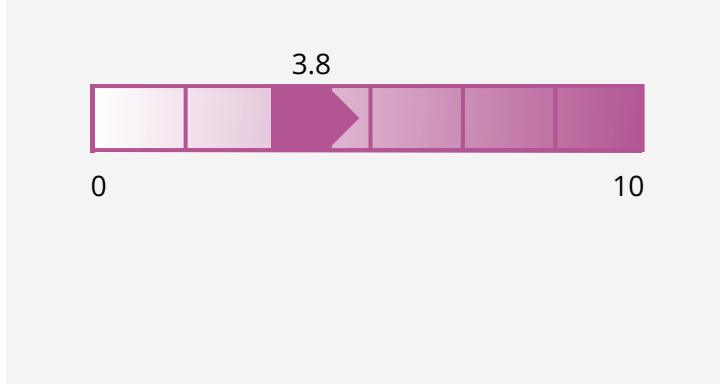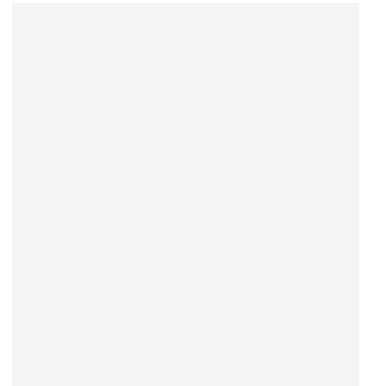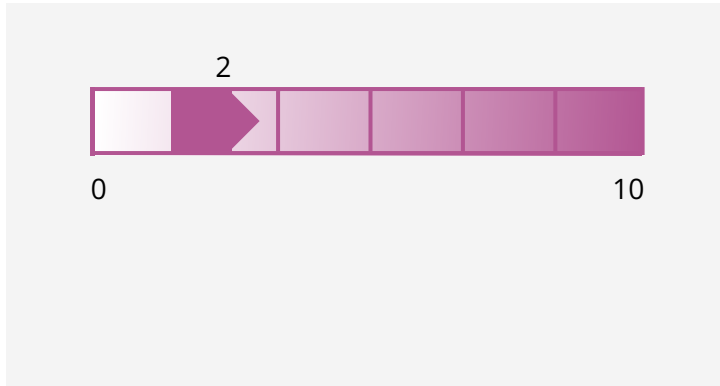June 16, 2023

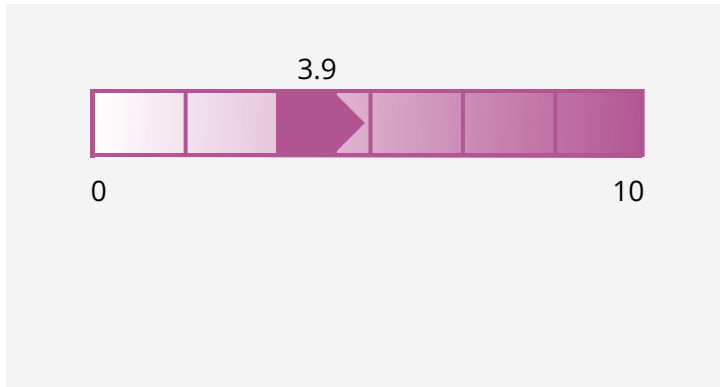| OOCYTE	MAGENTA SCORE	COMMENTS
#Oocyte1	3.2 0 — 10	
#Oocyte2	7.6 0 — 10	
#Oocyte3	6.1 0 — 10	
#Oocyte4	2.9 0 — 10	

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#Oocyte5

3.8

0   10

#Oocyte6

2

0   10

#Oocyte7

3.9

0   10

#Oocyte8

0.7

0   10

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SYNOPSIS

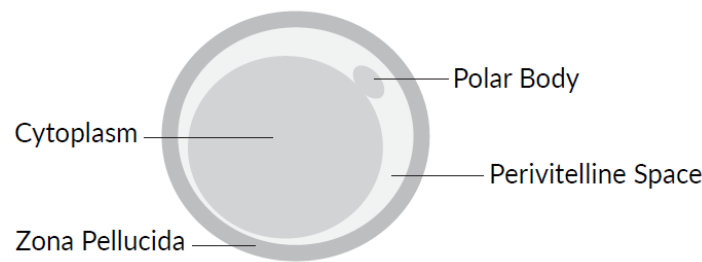**Definitions:**

Oocyte - A mature egg.
Blastocyst - A day 5 or a day 6 embryo.
Live Birth - Delivery of a baby.
Normal Semen Analysis - Based on WHO 2010 Semen Analysis criteria.
- For more detailed information please visit https://www.futurefertility.com/violet-definitions/

Mature Oocyte Diagram

Polar Body
Cytoplasm
Perivitelline Space
Zona Pellucida

Report info:

Product version: Magenta IVF R2.1
Report version: 2.3.7

Support / Questions:

For any technical issues please contact info@futurefertility.com
For any medical / clinical inquiries please contact our Medical Director at md@futurefertility.com

References:
1. Nayot D., Meriano J., Casper R., Krivoi A. 2020. An oocyte assessment tool using machine learning; Predicting blastocyst development based on a single image of an oocyte. 36th Annual Meeting of ESHRE - Copenhagen. https://www.futurefertility.com/ESHRE-2020-Abstract-FF

2. Campbell A., Nayot D., Krivoi A., Barrie A., Jordan K. et al. 2021. Independent assessment of an artificial intelligence-based image analysis tool to predict fertilisation and blastocyst utilisation potential of oocytes, and comparison with ten expert embryologists. Oral Presentation - Fertility Online 2021 Conference; British Society. https://futurefertility.com/fertility-online-2021-abstract-ff/

3. Nayot D., Mercuri N., Krivoi A., Casper RF., Meriano J., Fjeldstad J. 2021. A novel non-invasive oocyte scoring system using AI applied to 2-dimensional images. Fertil Steril. Sep;21(116), No 3, Supplement, E474, ASRM 2021 Scientific Congress & Expo. https://www.fertstert.org/article/S0015-0282(21)01970-1/fulltext

Disclaimer and additional information:

The Oocyte Score is based on MAGENTA - proprietary image analysis technology. MAGENTA is an AI-based predictive model consisting of an ensemble of custom deep neural networks trained to analyze 2D images of oocytes to predict blastocyst development (1,2). MAGENTA's predictions for blastocyst development assume normal semen analysis; thus focusing specifically on the oocyte's contribution to blastocyst development (3). Other external factors, besides the oocyte and sperm quality, may impact blastocyst development.