

PATIENT CASE

Using VIOLET™ to Manage Expectations & Guide Cycle Planning in Young Patients with Unexpected Low Oocyte Quality



FutureFertility™

**Young patients may have
good oocyte yield with
low quality.**

Early insight into
oocyte quality helps
manage expectations &
recommend additional
cycles or adjustments to
improve cumulative
success rates.

VIOLET™
uses clinically
validated AI
image analysis
to generate
actionable
insight into
oocyte quality
& live birth
potential.

Now, let's review
the patient case



Patient background:

- 28-year-old woman
- 12 mature oocytes frozen
- **If only traditional age-based estimates were considered,** the patient's young age & oocyte retrieval volume would correspond to a live birth likelihood ranging from **56%-69%**

VIOLET™ results:

Despite a good oocyte yield, VIOLET™ predicts lower blastocyst development & below-average live birth potential for the patient's age.

AT LEAST 1 LIVE BIRTH

46 %

PROBABILITY

AT LEAST 2 LIVE BIRTHS

14 %

PROBABILITY

Your personalized VIOLET™ prediction for having at least 1 baby is

LOWER THAN AVERAGE

Compared to **56-69%** predictions from generic live birth calculators that are based only on your age (28y) & number of mature oocytes frozen (12).

VIOLET™ helps clinicians identify oocyte quality concerns earlier to:

- Guide decisions on additional freezing cycles to improve cumulative success
- Support protocol optimization, including lifestyle changes, supplements, & stimulation adjustments

VIOLET™ supports clearer patient counselling & expectation management

- Provides patients with personalized insights into egg quality & live birth potential
- Supports more informed and confident decision-making, including whether to pursue additional cycles