

AQUA 20: GENETIC TESTING OF THE AZOOSPERMIC MALE

STEWARD

AMERICAN UROLOGICAL ASSOCIATION

DESCRIPTION

Percentage of patients with non-obstructive azoospermia due to primary testis failure who were offered genetic testing

TYPE

Process

DATA SOURCE

Electronic Health Records: AQUA Registry Data

NUMERATOR STATEMENT

Patients who were offered genetic testing (karyotype AND y-chromosome microdeletion)

DENOMINATOR STATEMENT

All patients with non-obstructive azoospermia due to testis failure

DENOMINATOR DETAILS

List Denominator Codes

DENOMINATOR EXCLUSIONS/EXCEPTIONS

Documentation of medical reason(s) for not offering genetic testing.

RATIONALE

15% of men with azoospermia will have a genetic cause. Many of these genetic causes suggest that sperm retrieval will be unlikely and thus the couple should consider other options such as donor sperm or adoption. Once the diagnosis of obstructive azoospermia has been made and sperm has been harvested, patients have the option of proceeding with IVF. However, the patient may choose to proceed with procedures that will remove the obstruction, such as a TURED or bilateral vasectomy reversal. Patients should be informed of both option of IVF versus surgical reconstruction.

RISK ADJUSTMENT

No

INVERSE MEASURE

No

ALGORITHM

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