

AQUA 27: APPROPRIATE TESTING FOR VASECTOMY PATIENTS

STEWARD

AMERICAN UROLOGICAL ASSOCIATION

DESCRIPTION

Percentage of patients where a Post Vasectomy Semen Analysis (PVSA) was ordered and confirmed sterility within 6 months of undergoing a vasectomy

TYPE

Process

DATA SOURCE

Electronic Health Records: AQUA Registry Data

NUMERATOR STATEMENT

Patients with an order for a PVSA 6 months after a vasectomy and confirmed sterility (fresh uncentrifuged semen sample performed)

DENOMINATOR STATEMENT

All patients undergoing a vasectomy

DENOMINATOR DETAILS

List Denominator Codes

DENOMINATOR EXCLUSIONS/EXCEPTIONS

Patients with known renal insufficiency (Cr >1.5 or documented in past medical history) or with documented flank pain or hematuria

RATIONALE

PVSA testing should be performed post-vasectomy. Approximately 15% of patients with azoospermia will have a genetic etiology and thus these patients should have a y-chromosome microdeletion assessment as well as a karyotype.

RISK ADJUSTMENT

No

INVERSE MEASURE

No

ALGORITHM

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