

Table 1. Exclusion criteria

MTX-naive and MTX chronic	Healthy controls
<ul style="list-style-type: none"> • Age above 55 years. • Known infertility (Self-report). • Current use of drugs listed in Table 2. • Current sexually transmitted disease (Self-report). • Current lower urinary tract infection (Self-report). • Active infection with Hepatitis B or C virus (Self-report). • Human immunodeficiency virus (HIV) infection (Self-report). • Vasectomy. • Language barrier. 	<ul style="list-style-type: none"> • Age above 55 years. • Known infertility (Self-report). • Current or past use of Methotrexate. • Current use of any medication. • Current sexually transmitted disease (Self-report). • Current lower urinary tract infection (Self-report). • Active infection with Hepatitis B or C virus (Self-report). • Human immunodeficiency virus (HIV) infection (Self-report). • Vasectomy. • Language barrier.

Table 2. Exclusion criteria – current use of the following drugs (FDA-report of approved drugs that have the potential to impair human spermatogenesis) (29).

Methadone hydrochloride	Nitrofurantoin
Dapsone	Paroxetine
Fluvoxamine maleate	Nifedipine
Colchicine	Cortisone acetate
Dexamethasone	Methylprednisone
Prednisone (>7.5 mg/day)	Sulfasalazine
Triamcinolone hexacetonide	Busulfan
Chlorambucil	Cyclophosphamide
Dabrafenib	Degarelix
Fludarabine	Mercaptopurine
Procarbazine	Triptorelin
Vinblastine	Vinorelbine
Testosterone	