

Supplement Table. Quality rating designated independently by two independent reviewers with training in critical evaluation of literature

Link title	Reviewer 1	Reviewer 2	Final ratings
Chemical pollutants in the home degrade fertility in both men and dogs, study finds	0	0	0
Marijuana improves fertility in men, beats colorectal cancer, chronic pain The Guardian Nigeria News	2	2	2
Chemicals found at home are responsible for decrease in fertility in dogs and men	0	0	0
Chemical pollutants in the home degrade fertility in both men and dogs, study finds	0	2	0
Marijuana could affect fertility in women AND men, researchers warn	2	2	2
Be in bed before 10:30 if you want to have kids, men told following new study linking lack of sleep to poor fertility	0	0	0
Chemical pollutants in the home degrade fertility in both men and dogs, study finds	0	0	0
Men may be more fertile in spring and autumn because sperm is 'seasonal'	0	0	0
Marijuana's unexpected effect on sperm count revealed in Harvard study	2	2	2
Junk food diet linked to lower sperm counts, researchers say	2	2	2
Men who smoke marijuana have higher sperm count: Harvard study	2	2	2
Staying up late watching Netflix and reading emails hits men's sperm count	2	2	2
Smoking cannabis linked to higher sperm counts in surprising study	2	2	2
Men who smoke marijuana have higher sperm count, Harvard study...	0	1	1
Men who smoke weed have higher sperm count: Harvard study	2	2	2
Weed smokers may have higher sperm counts, Harvard study finds	2	2	2
Men who smoke cannabis have HIGHER sperm counts – 3 news	2	2	2
Revealed: Ugali can reduce your sperm count	0	0	0
Gardasil and male infertility - Vaxxter	1	1	1
Climate change reduces male fertility, could help drive extinction Environment	0	0	0
The silent shame of male infertility	2	2	2
Male Infertility: In almost 50% infertility cases, the reason is male infertility!	2	2	2
Male infertility Causes Symptoms Treatments - Omni Hospitals	2	2	2
Company develops testicle cooler to fight male infertility	0	1	1
The male fertility crisis continues: Quality of sperm plummets	0	2	2
Major study finds quality of men's sperm is plunging	0	0	0
Human race could face extinction if sperm quality continues to fall	2	0	0
How to improve sperm quality: Men need to sleep early	0	0	0
In the past 80 years, the quality of human sperm has declined by 50% - The Intellectualist	2	2	2
Sperm quality study updates advice for couples trying to conceive	2	2	2
Sperm quality is falling. Chemicals in your home may be to blame.	0	0	0
Young men with Western diets 'have poorer quality sperm and drastically lower counts'	2	2	2
Infertility: Low swiss semen quality highlights a worldwide sperm trend	2	2	2
MMR vaccine's poison pill: Mumps after puberty, reduced testosterone and sperm counts	1	1	1
How fat gain in your 20s can lead to low testosterone levels fall in sperm count	0	0	0
Smoking a small amount of pot may boost sperm and testosterone, surprised researchers find	2	2	2
Could bariatric surgery make men more virile? Researchers find that weight loss surgery may boost levels of testosterone in men, but has no positive effect on sperm quality	2	2	2
Smoking small amount of weed may boost testosterone and sperm production iHeartRadio	2	2	2
The date palm found to increase sperm count and motility	2	0	0
Activation of Toll-like receptor 7/8 encoded by the X chromosome alters sperm motility and provides a novel simple technology for sexing sperm	2	2	2
Sperm preparation for Intrauterine Insemination/Sperm preparation/swim up technique/STAR LABORATORY	2	2	2
Sperm counts decreasing at alarming rate, new antioxidant study shows 122% increase in sperm motility and 33% increase in sperm count	0	2	2
Supplementing with omega-3 can improve sperm motility and quality of seminal plasma	2	2	2
Semen analysis: Sperm counting test procedure and results	2	2	2

Supplement Table. Continued

Link title	Reviewer 1	Reviewer 2	Final ratings
Normal sperm count: A guide to semen analysis	0	0	0
Semen analysis and infertility in men - The Nation Newspaper	2	2	2
Routine semen analysis (RSA)	2	2	2
Climate change could damage sperm and thus male fertility	0	0	0
Fertility paradox in male beauty quest	2	2	2
Study reveals that Wi-Fi devices affect male fertility	1	2	2
There's a testicle cooling device for increasing male fertility	0	1	1
Cannabis users beware: Marijuana use may impact male fertility	0	0	0

Ratings included inaccurate – 1, misleading – 0, and accurate – 2. The senior authors were blinded to the two reviewer decisions and adjudicated all discordances and determined final ratings.