

Supplement Table 2. Eligibility criteria based on the PICOS (Population, Intervention, Comparison/Comparator, Outcomes, Study design) model

	Inclusion	Exclusion
Population	Infertile men	Adolescent, patients taking any other fertility drugs, fertile men, animal models
Intervention	AOX therapy (single or combined), AOX plus plant extract wherein AOX is the main supplementation Duration: ≤3 months, 6 months or ≥9 months	Use of plant extracts or herbal substances as the main supplementation
Comparison	Placebo or no treatment	
Outcome	Primary outcome <ul style="list-style-type: none"> i) Natural pregnancy (per couple) ii) Live birth (per couple) iii) Miscarriage rate (per pregnancy) Secondary outcome <ul style="list-style-type: none"> i) Sperm parameters ii) Sperm DNA fragmentation Oxidative Stress	

AOX: antioxidant.