

Search strategy	
Pubmed	((((((((((Infertility, Male[MeSH Terms]) OR (male infertility[Title/Abstract])) OR (Male Infertility[Title/Abstract]))OR(Sterility,Male[Title/Abstract]))OR(MaleSterility [Title/Abstract])) OR (Subfertility, Male[Title/Abstract])) OR (Male Subfertility[Title/Abstract])) OR (Sub-Fertility, Male[Title/Abstract])) OR (Male Sub-Fertility[Title/Abstract])) OR (Sub Fertility, Male[Title/Abstract])) AND (((sperm DNA fragmentation index[Title/Abstract]) OR (sperm DFI[Title/Abstract])) OR (sperm dfi[Title/Abstract])) AND (((((((((Coenzyme Q10[MeSH Terms]) OR (CoQ 10[Title/Abstract])) OR (co-enzyme Q10[Title/Abstract])) OR (ubidecarenone[Title/Abstract])) OR (ubiquinone 50[Title/Abstract])) OR (ubiquinone Q10[Title/Abstract])) OR (Bio-Quinone Q10[Title/Abstract]))OR(ubiquinone10[Title/Abstract]))OR(CoQ10[Title/Abstract]))OR(ubisemiquinoneradical[Title/Abstract]))OR(Q-ter[Title/Abstract])) OR(ubisemiquinone[Title/Abstract])) AND (randomized controlled trial)
Embase	'infertility, male'/exp OR 'male infertility':ti OR 'sterility, male':ti OR 'male sterility':ti OR 'subfertility, male':ti OR 'male subfertility':ti OR 'sub-fertility, male':ti OR 'male sub-fertility':ti OR 'sub fertility, male':ti AND 'coenzyme q10'/exp OR 'co-enzyme q10':ti OR ubidecarenone:ti OR 'ubiquinone 50':ti OR 'ubiquinone q10':ti OR 'bio-quinone q10':ti OR 'ubiquinone 10':ti OR coq10:ti OR 'ubisemiquinone radical':ti OR 'q ter':ti OR ubisemiquinone:ti AND 'sperm dna fragmentation index':ti OR 'sperm dfi':ti AND 'randomized controlled trial':ti
Web of science	((((((((TS=(Infertility, Male)) OR TS=(male infertility)) OR TS=(Male Infertility)) OR TS=(Sterility, Male)) OR TS=(Male Sterility)) OR TS=(Subfertility, Male)) OR TS=(Male Subfertility)) OR TS=(Sub-Fertility, Male)) OR TS=(Male Sub-Fertility)) OR TS=(Sub Fertility, Male) AND (((((((TS=(Coenzyme Q10)) OR TS=(co-enzyme Q10)) OR TS=(ubidecarenone)) OR TS=(ubiquinone 50)) OR TS=(ubiquinone Q10)) OR TS=(Bio-Quinone Q10)) OR TS=(ubiquinone 10)) OR TS=(CoQ10)) OR TS=(ubisemiquinone radical)) OR TS=(Q-ter)) OR TS=(ubisemiquinone) AND ((TS=(sperm DNA fragmentation index)) OR TS=(sperm DFI)) OR TS=(sperm dfi) AND TS=(randomized controlled trial)
Cochrane library	(Infertility, Male or male infertility or Male Infertility or Male Infertility or Male Sterility or Subfertility, Male or Male Subfertility or Sub-Fertility, Male or Male Sub-Fertility or Sub Fertility, Male):ti AND (Coenzyme Q10 or co-enzyme Q10 or ubidecarenone or ubiquinone 50 or ubiquinone Q10 or Bio-Quinone Q10 or ubiquinone 10 or CoQ10 or ubisemiquinone radical or Q-ter or ubisemiquinone):ti AND (sperm DNA fragmentation index or sperm DFI or sperm dfi):ti AND (randomized controlled trial):ti