**Health Technology Assessment of Whole genome sequencing: A Scoping Review of the Literature**

**Search String**

(Newborn OR infant OR neonate OR child OR suckling OR “pediatric population\*” OR "paediatric population\*" OR adult\* OR “general population”)

AND

("whole genome sequencing"[MeSH Terms] OR (("whole" AND "genome”) AND "sequencing”) OR "whole genome sequencing" OR WGS)

AND

(("whole exome sequencing"[MeSH Terms] OR (("whole" AND "exome") AND "sequencing")) OR "whole exome sequencing" OR WES OR “chromosomal micro array” OR CMA OR “array CGH” OR “micro array CGH” OR “CGH” OR "high-throughput nucleotide sequencing"[MeSH Terms] OR "high-throughput nucleotide sequencing" OR “next generation sequencing” OR “NGS” OR “sanger sequencing”)

AND

(“patient safety”[MeSH Terms] OR “patient safety” OR “equipment safety”[MeSH Terms] OR “equipment safety” OR “effectiveness” OR “effect” OR “efficacy” OR "quality-adjusted life years"[MeSH Terms] OR "quality-adjusted life years" OR “QALY” OR “utility” OR “benefit” OR “consequence” OR “allocation” OR “diagnostic yield” OR “Morals”[MeSH Terms] OR “Morals” OR “ethics”[MeSH Terms] OR “ethics” OR “organization and administration”[MeSH Terms] OR “organization and administration” OR "technology assessment, biomedical"[MeSH Terms] OR “HTA” OR “full HTA” OR “mini HTA” OR “mini-HTA” OR “rapid review”)