

## Appendix I: Search strategy

### EXAMPLE SEARCH STRATEGY

Database used: PubMed (NLM, NCBI)

Test run: 4/1/2024

Years covered by search: All years available

Language restriction: English

Summary of search strategy:

Individual search terms for Inner Ear Decompression Sickness (#1) along with Medical Subject Heading (MeSH) terms for this subject (#2) were combined with individual search terms for Hyperbaric Recompression Therapy (#3) along with Medical Subject Heading (MeSH) terms for this subject (#4). These were combined as follows: (#1 OR #2) AND (#3 OR #4).

- #1 - inner ear decompression sickness[Title/Abstract] OR IEDCS[Title/Abstract] OR Inner ear bend[Title/Abstract] OR audiovestibular[Title/Abstract] OR ENT[Title/Abstract] OR decompression[Title/Abstract] OR diving[Title/Abstract] OR vertigo[Title/Abstract] OR vestibular[Title/Abstract]
- #2 - ("Diving"[Mesh]) OR ("Decompression Sickness"[Mesh]) OR ("Ear Diseases"[Mesh]) OR ("Vertigo"[Mesh])
- #3 - hyperbaric oxygen therapy[Title/Abstract] OR HBOT[Title/Abstract] OR recompression[Title/Abstract] OR chamber[Title/Abstract]
- #4 - "Hyperbaric Oxygenation"[Mesh]

(#1 OR #2) AND (#3 OR #4) result n=2994