

**Table 1. Search strategy in databases**

Database	Search Strategy	Limits	Filter
PubMed	("flight crew illness [All Fields]" OR "flight attendants health [All Fields]" OR "aircraft cabin illness [All Fields]" OR "aircraft cabin disease [All Fields]" OR "flying personnel illness [All Fields]" OR "flying personnel health [All Fields]" OR "cabin pressure illness [All Fields]" OR "military aircrew health [All Fields]") AND ("chronic intermittent hypoxic worker [All Fields]" OR "worker high altitude [All Fields]" OR "long-term intermittent high altitude [All Fields]" OR "occupational health altitude [All Fields]" OR "intermittent exposure high altitude [All Fields]") AND "(high altitude residents disease) [All Fields]" OR "(residents living high altitude) [All Fields]" OR "(living high altitude disease) [All Fields]" AND ("Hypoxia"[MeSH Terms]" OR "Altitude"[MeSH Terms]" OR "Pulmonary Hypertension"[MeSH Terms]" OR "Cardiovascular disease"[MeSH Terms]" OR "Occupational"[MeSH Terms]).	<ul style="list-style-type: none"> <li>* Publication date 1995/01/01–2020/04/30</li> <li>* Humans</li> <li>* Adults: 18 - 65 years</li> <li>* English language</li> <li>* Article or review</li> <li>* Search strategy (All Fields)</li> </ul>	690 items filtered
Scopus	("flightcrew illness [Article title, Abstract, Keywords]" OR "flight attendants health [Article title, Abstract, Keywords]" OR "aircraft cabin illness [Article title, Abstract, Keywords]" OR "aircraft cabin disease [Article title, Abstract, Keywords]" OR "flying personnel illness [Article title, Abstract, Keywords]" OR "flying personnel health [Article title, Abstract, Keywords]" OR "cabin pressure illness [Article title, Abstract, Keywords]" OR "military aircrew health [Article title, Abstract, Keywords]") AND ("chronic intermittent hypoxic worker [Article title, Abstract, Keywords]" OR "worker high altitude [Article title, Abstract, Keywords]" OR "long-term intermittent high altitude [Article title, Abstract, Keywords]" OR "occupational health altitude [Article title, Abstract, Keywords]" OR "intermittent exposure high altitude [Article title, Abstract, Keywords]").	<ul style="list-style-type: none"> <li>* Publication date 1995 – 2020</li> <li>* English language</li> <li>* Article or review</li> <li>* search strategy (TITLE-ABS-KEY)</li> </ul>	2006 items filtered

Web of  
sciences

("flight crew illness [All Fields]" OR "flight attendants health [All Fields]" OR "aircraft cabin illness [All Fields]" OR "aircraft cabin disease [All Fields]" OR "flying personnel illness [All Fields]" OR "flying personnel health [All Fields]" OR "cabin pressure illness [All Fields]" OR "military aircrew health [All Fields]") AND ("chronic intermittent hypoxic worker [All Fields]" OR "worker high altitude [All Fields]" OR "long-term intermittent high altitude [All Fields]" OR "occupational health altitude [All Fields]" OR "intermittent exposure high altitude [All Fields]" AND "(high altitude residents disease) [All Fields]" OR "(residents living high altitude) [All Fields]" OR "(living high altitude disease) [All Fields]").

1685 items  
filtered

- \* Publication date  
1995 – 2020
- \* English language
- \* Article or review
- \* Search strategy (Topic)

