

Appendix 1

Search Strategy of systematic review – Keywords and Medical Subject Heading (MeSH) terms used to retrieve studies

Embase

(nevi:ti,ab OR nevus:ti,ab OR naevi:ti,ab OR mole:ti,ab OR moles:ti,ab OR 'pigmented lesion*':ti,ab OR 'skin lesion*':ti,ab OR 'melanocytic lesion*':ti,ab OR 'pigmented naevi*':ti,ab OR 'pigmented nevi*':ti,ab OR 'pigmented naevus*':ti,ab OR 'pigmented nevi*':ti,ab OR 'nevus'/mj OR 'pigmented nevus'/mj) AND (count:ti,ab OR counts:ti,ab OR counting:ti,ab OR number*:ti,ab) AND ([adult]/lim OR [aged]/lim OR [middle aged]/lim OR [very elderly]/lim OR [young adult]/lim) AND ('article'/it OR 'article in press'/it) AND [humans]/lim AND [2000-2021]/py NOT ('case report'/de OR 'case study'/de) AND ('melanoma'/mj OR 'risk':ti,ab)

PubMed

((("count"[Title/Abstract] OR "counts"[Title/Abstract] OR "counting"[Title/Abstract] OR "number*"[Title/Abstract]) AND ("Nevus"[MeSH Major Topic] OR "nevus, pigmented"[MeSH Major Topic] OR ("nevi"[Title/Abstract] OR "Nevus"[Title/Abstract] OR "naevi"[Title/Abstract] OR "mole"[Title/Abstract] OR "moles"[Title/Abstract] OR "pigmented lesion*"[Title/Abstract] OR "skin lesion*"

[Title/Abstract] OR "melanocytic lesion*"[Title/Abstract])) AND "adult"[MeSH Terms]) NOT ("Case Reports"[Publication Type] OR ("case report"[Title/Abstract] OR "case study"[Title/Abstract])) AND (melanoma OR risk)

Web of Science

#1 AND #2

#1

TS = (((count OR counts OR counting OR number*) AND (nevi OR nevus OR naevi OR mole OR moles OR "pigmented lesion*" OR "skin lesion*" OR "melanocytic lesion*" OR "pigmented naevi*" OR "pigmented nevi*" OR "pigmented naevus" OR "pigmented nevi")) NOT ("case report*" OR "case stud*"))

Refined by: PUBLICATION YEARS: (2021 OR 2008 OR 2020 OR 2007 OR 2019 OR 2006 OR 2018 OR 2005 OR 2017 OR 2004 OR 2016 OR 2003 OR 2015 OR 2002 OR 2014 OR 2001 OR 2013 OR 2000 OR 2012 OR 2011 OR 2010 OR 2009)

#2

TOPIC: (melanoma OR risk)