

Supplemental Table: Literature search terms

Search Query: What is the burden of herpes zoster (and its complications) in immunocompromised individuals (in the United States)? Search was performed on January 8, 2019.

Search Strategy:

Database	Strategy
Pubmed	<p>Herpes Zoster[mesh] OR shingles OR VZV OR chickenpox[mesh] OR Varicella-zoster virus OR herpes zoster OR chickenpox OR postherpetic neuralgia</p> <p>AND</p> <p>Hematologic diseases[mesh] OR neoplasm[mesh] OR "suppress immune" OR Hematopoietic Stem Cell Transplantation[mesh] OR Immunocompromised host[mesh] OR immune system diseases[mesh] OR Immune System Phenomena[mesh] OR "altered immune function" OR immunocompr* OR immunosup* OR immunodef* OR "bone marrow transplant"[mesh] OR "stem cell transplant"[mesh] OR "HIV infections"[mesh] OR "Transplant Recipients"[Mesh] OR Comorbidity[mesh] OR "inflammatory bowel diseases"[mesh] OR Psoriasis[mesh] OR asthma[mesh] OR "Immune Tolerance"[mesh] OR "vitamin D"[mesh] OR "Disease Susceptibility"[mesh] OR Hematologic diseases OR neoplasm OR Hematopoietic Stem Cell Transplantation OR Immunocompromised host OR diabetes OR immune system diseases OR Immune System Phenomena OR bone marrow transplant OR stem cell transplant OR HIV OR transplant recipients OR Comorbidity OR inflammatory bowel diseases OR IBD OR Psoriasis OR asthma OR Immune Tolerance OR Disease Susceptibility OR opportunistic infections OR cancer OR chemotherapy OR radiation OR radiotherapy OR Hodgkin's OR Non-Hodgkin's OR Leukemia OR Myeloma OR Immune Disorder OR immunity deficiency OR Congenital hypogammaglobulinemia OR immunoglobulin deficiencies OR Macroglobulinemia OR kidney transplant OR renal transplant OR glomerul* OR malignancy OR AIDS OR human immunodeficiency virus</p> <p>AND</p> <p>journal article[pt] OR review[pt] OR clinical study[pt] "Meta-Analysis"[pt] OR "Multicenter Study" [pt] OR "Comparative Study"[pt] OR "Clinical Trials as Topic"[Mesh] OR "Research Support, Non-U.S. Gov't"[pt] OR "Research Support, U.S. Government" [pt] OR Randomized Controlled Trial[pt]</p> <p>AND</p> <p>("United States/epidemiology"[mesh] OR "united states"[pl] OR United States OR "U.S." OR USA or North America OR Alabama OR Alaska OR Arizona OR Arkansas OR California OR Colorado OR Connecticut OR Delaware OR Florida OR Georgia OR Hawaii OR Idaho OR Illinois OR Indiana OR Iowa OR Kansas OR Kentucky OR Louisiana OR Maine OR Maryland OR Massachusetts OR Michigan OR Minnesota OR Mississippi OR Missouri OR Montana OR Nebraska OR Nevada OR New Hampshire OR New Jersey OR New Mexico OR New York OR North Carolina OR North Dakota OR Ohio OR Oklahoma OR Oregon OR Pennsylvania OR Rhode Island OR South Carolina OR South Dakota OR Tennessee OR Texas OR Utah OR Vermont OR Virginia OR Washington OR West Virginia OR Wisconsin OR Wyoming)</p> <p>AND</p> <p>Humans[Mesh] AND ("1993"[Date - Publication] : "3000"[Date - Publication]) AND english[la]</p> <p>NOT</p> <p>"Clinical Laboratory Techniques"[Mesh]</p> <p>NOT</p> <p>letter[pt] OR editorial[pt]</p>
Medline (OVID) 1946-	<p>exp immune system diseases/ OR (immunosuppress* OR immuno-suppress* OR immunocompromis* OR immunodeficien* OR immuno-deficien* OR immuno-compromis* OR auto-immun* OR autoimmun* OR (immun* ADJ3 compromis*) OR (immun* ADJ3 competen*) OR (immun* ADJ3 deficien*) OR (weak* ADJ3 immun*) OR (immun* ADJ3 response) OR (reduc* ADJ3 immun*) OR (immun* ADJ2 disorder*) OR immune system* OR (immun* ADJ2 inhibit*) OR (immun* ADJ2 therap*)).ti,ab.</p> <p>AND</p> <p>(herpes zoster OR VZV OR postherpetic neuralgia OR post-herpetic neuralgia OR shingles).ti,ab.</p> <p>Limit "all adult (19 plus years)" OR adult*.ti,ab,kw.</p> <p>English ; Abstracts Available; 1993-</p>
Embase (OVID) 1993-	<p>exp immunopathology/ OR (immunosuppress* OR immuno-suppress* OR immunocompromis* OR immunodeficien* OR immuno-deficien* OR immuno-compromis* OR auto-immun* OR autoimmun* OR (immun* ADJ3 compromis*) OR (immun* ADJ3 competen*) OR (immun* ADJ3 deficien*) OR (weak* ADJ3 immun*) OR (immun* ADJ3 response) OR (reduc* ADJ3 immun*) OR (immun* ADJ2 disorder*) OR immune system* OR (immun* ADJ2 inhibit*) OR (immun* ADJ2 therap*)).ti,ab.</p> <p>AND</p> <p>(herpes zoster OR VZV OR postherpetic neuralgia OR post-herpetic neuralgia OR shingles).ti,ab.</p> <p>AND</p>

	(article or article in press or review).pt. Limit English ; Abstracts Available; limit All Adults ; 1993-
Scopus	TITLE-ABS-KEY(immunosuppress* OR immuno-suppress* OR immunocompromis* OR immunodeficien* OR immuno-deficien* OR immuno-compromis* OR auto-immun* OR autoimmun* OR (immun* W/3 compromis*) OR (immun* W/3 competen*) OR (immun* W/3 deficien*) OR (weak* W/3 immun*) OR (immun* W/3 response) OR (reduc* W/3 immun*) OR (immun* W/2 disorder*) OR "immune system*" OR (immun* W/2 inhibit*) OR (immun* W/2 therap*)) AND TITLE-ABS-KEY("herpes zoster" OR VZV OR "postherpetic neuralgia" OR "post-herpetic neuralgia" OR shingles) AND NOT INDEX (<i>medline</i>) AND NOT INDEX (<i>embase</i>)
Cochrane Library	[mh ^"immune system diseases"] OR (immunosuppress* OR immuno-suppress* OR immunocompromis* OR immunodeficien* OR immuno-deficien* OR immuno-compromis* OR auto-immun* OR autoimmun* OR (immun* NEAR/3 compromis*) OR (immun* NEAR/3 competen*) OR (immun* NEAR/3 deficien*) OR (weak* NEAR/3 immun*) OR (immun* NEAR/3 response) OR (reduc* NEAR/3 immun*) OR (immun* NEAR/2 disorder*) OR immune system* OR (immun* NEAR/2 inhibit*) OR (immun* NEAR/2 therap*)):ti,ab AND ("herpes zoster" OR VZV OR "postherpetic neuralgia" OR "post-herpetic neuralgia" OR shingles):ti,ab AND 1993- ;
Clinicaltrials.gov	Herpes Zoster United States Completed OR Shingles United States Completed

Notes: Duplicates were identified using the Endnote automated "find duplicates" function with preference set to match on title, author and year.