

**Supplemental Digital Content 1.** Text that shows the search strategy in all dataset with key words.

PubMed: (((("Retinal vein occlusion"[Mesh]) OR ((retinal vein occlusion[Text Word]) OR retinal vein obstruction[Text Word])) AND (((anti-VEGF) OR ranibizumab) OR aflibercept) OR conbercept) OR anti-cardiovascular endothelial growth factor)) AND (((((safety) OR cerebrocardiovascular accident) OR myocardial infarction) OR cardiovascular-related death) OR overall mortality) AND (Randomized Trial)

Embase: (((RVO) AND (((anti-VEGF) OR ranibizumab) OR aflibercept) OR conbercept)) AND (((((safety) OR cerebrocardiovascular accident) OR myocardial infarction) OR cardiovascular-related death) OR overall mortality) AND (Randomized Trial)

Cochrane Library: (((retinal vein occlusion) OR retinal vein obstruction)) AND (((anti-VEGF) OR ranibizumab) OR aflibercept) OR conbercept) OR anti-cardiovascular endothelial growth factor)) AND (((((safety) OR cerebrocardiovascular accident) OR myocardial infarction) OR cardiovascular-related death) OR overall mortality) AND (Randomized Trial)

clinicaltrials.gov: anti-VEGF OR ranibizumab OR aflibercept OR conbercept OR anti-cardiovascular endothelial growth factor | Completed Studies | Studies With Results | Interventional Studies | Retinal Vein Occlusion