**Suppl 1.** Search Strategy

Sickle cell or Sickle cell anemia or Sickle cell disease

AND

Vaso-occlusive crisis or Crisis or VOC or Painful crisis

AND

Intravenous fluid or Fluid or Hydration or Rehydration

AND

Outcomes or Adverse effects or Effects or Impact

Search example:

(“sickle”[All Fields] OR “sickled”[All Fields] OR “sickles”[All Fields] OR “sickling”[All Fields]) AND (“cells”[MeSH Terms] OR “cells”[All Fields] OR “cell”[All Fields]) AND (“vaso-occlusive”[All Fields] AND (“crisis”[Journal] OR “crisis”[All Fields])) AND ((“intraveneous”[All Fields] OR “intraveneously”[All Fields] OR “intravenous”[All Fields] OR “intravenously”[All Fields]) AND (“fluid”[All Fields] OR “fluid s”[All Fields] OR “fluids”[All Fields])) AND (“outcome”[All Fields] OR “outcomes”[All Fields])