Potential relevant studies after initial literature review \( n=1671 \)

Studies excluded after abstract review \( n=1652 \)

Studies selected for full text review \( n=19 \)

Studies excluded due to lack of detail about comparison between PMMA packing and bone graft or confounding with recurrent GCTs. \( n=10 \)

Potential studies included in the meta-analysis \( n=8 \)

Studies excluded due to sample limitation and sensitivity analysis \( n=3 \)

Studies included in the meta-analysis \( n=6 \)