3,561 records identified through database searching:
1,143 records identified in PubMed
2,418 records identified in EMBASE

756 records excluded for duplication
2,776 records excluded as they did not reported information on the association between cigarette smoking and RA

29 potentially relevant articles identified for full text review

19 articles excluded:
16 had no data on pack-years
2 were overlapping cohort studies
1 has the exposure only as dichotomous variable

Included in the meta-analysis:
3 cohort studies
7 case-control studies