578 abstracts screened for inclusion after searching with "nicotine" AND "smoking" AND "gum" OR "Patch" OR "spray" OR "inhalers" OR "Tablet" OR "lozenge" AND "clinical trial" 366 abstracts excluded as irrelevant 212 full text paper publications retrieved for potential inclusion 92 studies were further excluded: 21: duplicated studies 62: no NRT side effects reported 3: NRT in treatment of smokeless tobacco users 4: no clinical data but experimental data instead. 120 studies included: 92 RCTs 28 studies considered observational