Supplementary Figure S1: Definition of smoking status

1. Identify smoking information from within the CPRD. Three sources: Read codes (status / amount / advice / referrals etc.), additional clinical information (status / amount / advice) and prescriptions for smoking cessation therapy.

2. Combine information from three sources into records: there may be multiple records per day.

3. Set a status for each record based on the combined information, resolving conflicts based on defined rules (e.g. Not Current but prior therapy, therefore Former).

4. Collapse to give a status for each day, resolving conflicts based on defined rules.

5. Clean longitudinal data: Not Current to Never or Former; Ever to Current (or dropped); defined rules for impossible Never.

6. Collapse to a start/stop matrix. Start date = first instance of a new status, stop date = start of next status or follow-up end.

Summary of steps taken to define smoking status using data from the Clinical Practice Research Datalink.

Figure reproduced from Supplementary Figure 2 of the following paper, available under a CC-BY licence (https://creativecommons.org/licenses/by/4.0/legalcode):
