Melbourne Collaborative Cohort Study, baseline 1990-4, 41,528 participants

Demographic, lifestyle factors including dietary intake, and anthropometric data collected

35,331 eligible participants for analysis

1st follow up 1995-8, dietary data collected

Data linkage to Joint Registry, 2001-5

411 hip replacements and 477 knee replacements identified during 2001-5

6,197 excluded due to extreme energy intake; acute myocardial infarct, angina or diabetes; missing dietary data; died or left Australia, or self-reported joint replacement prior to 2001; first recorded procedure being a revision joint replacement

1st follow up 1995-8, dietary data collected