345 eligible GPs from canton Basel with invitation letter

132 GPs responded (38%)

67 GPs interested

Seminar about procalcitonin, evidence-based guidelines for ARTI, and study introduction (December 9 '04 and January 6 '05)

65 GPs not interested

14 GPs refused informed consent or dropped out
13 refused because of work-load
1 dropped out because of illness

53 GPs from 50 practices gave written informed consent and participate in the study