



Title of PhD project / theme	<b>Use of large-scale electronic health records for research</b>
Supervisory team	Liam Smeeth (LSHTM) Koya Ariyoshi (Nagasaki) Other Nagasaki supervisors will join according to student's interests.
Brief description of project / theme	The use of computerised health data derived from health records and linked data sources for research is well established in the UK, resulting in a substantial body of high impact research resulting. While extensive detailed electronic health records exist in Japan, to date there has been very little use of data from these records for research. Building on experience and expertise available in the UK, this PhD will focus on making optimal use of Japanese electronic health records. Example initial questions include an examination of variations in burden of disease and health service provision among different population groups across the Nagasaki region, how these patterns compare to those seen in the UK, and possible explanations for any differences seen.
Particular <i>prior</i> educational requirements for a student undertaking this project	Some training in epidemiology and statistics, and some experience of analysing large datasets.
Skills we expect a student to develop/acquire whilst pursuing this project	Use and analysis of electronic health records and linked large-scale data