

Pharmacovigilance



Boston Collaborative Drug Surveillance Program

- The Boston Collaborative Drug Surveillance Program (BCDSP) was established in 1966. It was the first group to conduct formal epidemiologic research to quantify the potential adverse effects of prescription drugs utilizing in-hospital monitoring and had a pioneering role in the development and application of methods in drug epidemiology.
- Today the BCDSP conducts studies in the field of pharmacoepidemiology using large automated patient databases including the UK General Practice Research Database (GPRD). The BCDSP made a major contribution to the development and validation of the GPRD and has unique experience in the design and execution of pharmacoepidemiological studies with this database.
- Studies conducted in recent years cover a broad range of drugs and outcomes. Research studies are either investigator-initiated or performed on a contract basis in collaboration with regulatory authorities or the pharmaceutical industry. The BCDSP has published more than 400 pharmacoepidemiological studies and methodological reviews in peer-reviewed medical journals of which more than 150 are based on data from the GPRD.
- The BCDSP also offers programs of professional education in drug epidemiology and welcomes collaborators from government, industry and academia.

- Jick SS, Li L. Antidepressant drugs in relation to venous thromboembolism. *Pharmacotherapy* 2008;28(2):144-150.
- Jick H, Kaye JA, Jick SS. Antidepressants and the risk of suicidal behaviors. *JAMA* 2004;292:338-343.

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Much more than *the* database

GPRD⁺

The General Practice Research Database

<http://www.gprd.com/home/>

- The General Practice Research Database (GPRD) is the world's largest database of anonymised longitudinal medical records from primary care linked with other datasets.
- Containing comprehensive observational data from real-life clinical practice, it provides analytical insight for a wide range of applications in clinical trials, drug safety, outcomes research, clinical epidemiology and genetic research.
- The GPRD Division provides data, research and other services as well as tool to support medical and public health research.

