

Cervical Cytology Registry

WA Cervical Cancer Prevention Program



WA Cervical Cancer Prevention Program: The WA Cervical Cancer Prevention Program (WACCPP) was the WA component of the National Cervical Screening Program. One of the main functions of the WACCPP was to maintain and operate the Cervical Cytology Register (CCR) which is a database of cervical screening test results (including Pap Smears, cervical biopsies and HPV DNA tests) for women screened in Western Australia.

From 1996 until 2014 Zoodata provided software maintenance, development services, architectural and domain specific e-health consultancy services to the WACCPP.

THE BRIEF

We developed and maintained the programs which:

- Receive client & GP data; Pap Smear, cervical biopsy & HPV DNA test results from laboratories to import into CCR database.
- Automatically match laboratory data with clients already in the database
- Provide a clerical review facility to manually match data which can't be matched automatically to clients in the database
- Use address standardisation software compatible with the AusPost database & in accordance with national registry minimum standards, to generate Pap Smear reminders & other letters to women & medical providers
- Generate statistical & management reports
- Generate reports to assist laboratories with annual accreditation reporting requirements
- Generate statistics for the WACCPP Annual Report
- Provide QA reports & scripts
- Provide data de-duplication
- Assist in data extraction and export
- Automate response reports to data queries from laboratories

CLIENT BENEFITS

- On-site customised support and development to support WACCPP's ongoing requirements
- Provision of statistical data contributes to a national approach to reducing cervical cancer
- Provision of reminder and follow up services assists in the prevention of cervical cancer.

OTHER BENEFITS

Zoodata also provided comment and advice to assist the Australian Institute of Health and Welfare in the development of the national data dictionary for cervical cytology registries.

TECHNICAL DATA

The main technologies used are:

- Oracle Database,
- Oracle Forms & Reports.
- Java.