



# **IMMUNOLOGY CASE REGISTRY RELEASE NOTES**

Version 2.1  
February 1998

Department of Veterans Affairs  
Veterans Health Administration  
Office of Chief Information Officer



# Immunology Case Registry Release Notes

## List of Product Features (Local Software)

1. All Immunology data is gathered and transmitted to the national database on a nightly basis. The previous version allowed the site to select the time interval between data transmissions.
2. To ensure that reports generated at the local level are accurate and complete, version 2.1 of Immunology determines if the data has been archived. This requires the software to evaluate all the necessary data from the *VISTA* packages that data is being extracted from. The software then determines if any of the data has been archived. The analysis of data is done behind the scenes and is transparent to the users. If any of the data falls into the criteria of possibly being archived, the system sends a message to the user of the inherent risk and automatically places them at the 'Do You Want To Query the National Data Base For the Report' prompt. The national database is updated on a nightly basis and is therefore immune to local archiving policies.

The following reports are affected by this change:

- Patient Inquiry
  - Breakdown of Patients by Category
  - Laboratory Utilization Data
  - Pharmacy Prescription Utilization Data
  - Follow Up Report
  - Utilization of Specific Lab Tests
  - Drug Specific Utilization Report
3. The new option 'Inquiry To National Database' prompts the user for the necessary information to generate the local report they wish to generate. The local software packages this information into a server message and sends it to the national database via a server routine. After the national software has processed the data and has completed the report, the user receives the report in a MailMan message.

The following reports are contained in this option:

- Patient Inquiry
  - Breakdown of Patients by Category
  - Laboratory Utilization Data
  - Pharmacy Prescription Utilization Data
  - Follow Up Report
  - Utilization of Specific Lab Tests
  - Drug Specific Utilization Report
4. For historical and statistical purposes, the date a report has been generated is included in the heading on all reports.

5. Viral load values are extracted from the Laboratory package, stored in the Immunology Case Study (#158) file and transmitted to the National Registry. A viral load measurements field is part of the 'Enter/Edit Basic Patient Data' option.
6. The risk factors of 'Unreported' and 'Unknown' are now reported and treated as two distinct risk factors. The previous version did not make this distinction.
7. Clinicians are now able to route sensitive reports to their slave printers. This stops the forced queuing of reports. Users now have the option of sending a report to either a specified network printer, to their slave printer, or to their screen.
8. The Registry List report is 'alive/deceased' sensitive. This means that the user is prompted as to whether the report should include alive, deceased, or all patients that have been treated during a certain time period.
9. The option 'Registry List' is given time constraints. The users are prompted to select a certain time period that they would like to report on. Previous versions did not allow for this which resulted in the reporting of old and useless information.
10. The 'Follow Up Report' increases the length of time the software will go back to check on patient activity. The user is now able to report on patients without any activity for as far back as one year from the current date. The previous version automatically reported the lack of patient activity for only the past 90 days. This was considered too short of a time period to make the report useful.
11. A new option 'Patient Inquiry' allows clinicians to display patient data. Information such as patient demographics, facility of diagnosis, CD4 test results, viral load results, and associated diseases listed in chronological order are displayed.
12. A new option, 'Viral Tests List' lists lab results for Viral Load tests for all patients within a data range selected by the user.
13. A new option "Pneumococcal Immunization Report" lists patients who had a pneumococcal immunization between a date range selected by the user or lists living patients who have not had such an immunization in the last five years.