

2024 Annual SHOT Report – Supplementary information

Chapter 8: Adverse Events Related to Anti-D Immunoglobulin (Ig)

Additional data tables and analysis not included in the main 2024 Annual SHOT Report.

Near miss n=40

There were 40 near miss cases in 2024. Similar themes were noted, with omission or late administration being the most common (n=10), followed by anti-D Ig given to woman with immune anti-D (n=6), given to the wrong woman (n=6) and handling and storage errors (n=6). In 3 cases the error was avoided because the woman understood their requirements and was able to communicate this to the clinical team. In 28/40 (70.0%) cases a formal investigation has been performed.

Involvement of information technology n=140

Table 8.2 Involvement of IT in anti-D Ig errors

Involvement of IT	Number of cases
IT could have prevented the error	51
Lack of functionality/algorithms in the system to support safe practice	24
Lack of interfacing/interoperability	16
System not used correctly	14
warning flag in place but not heeded	8
Incorrect results entered or accessed manually	6
Failure to consult or identify historical record	6
Computer or other IT systems failure	5
Warning flag not updated or disabled	4
Failure to link, merge or reconcile computer records	3
Failure to use flags and/or logic rules	2
System not configured correctly	1
Total	140

Non-invasive prenatal screening for RHD n=54

Figure 8.3: Causes of errors related to cffDNA screening

