

▶ IT Research

Northwest Florida Blood Center uses research and internally developed processes to protect donors and support advances in testing.

In recent years, NFBC has pioneered several advances in Information Technology in the areas of Optical Records Storage, Biometric Authentication, and Applied Encryption. Our IT Team is working hand-in-hand with several other community blood centers in an effort to assist them with implementing the technologies developed at your Blood Center.

Security in today's world is paramount when dealing with confidential information relating to personal data or medical histories. Your Blood Center is leading the way to ensure the safety of all data that we collect as required by the FDA.

▶ Testing Advances

We are using NAT testing to provide early detection of blood-borne pathogens.

Automated red-cell collection dramatically boosts available blood product supplies.

Online systems are used to speed up look-back processes for recovery of recalled blood products.

A new test has been implemented to protect against West Nile virus.

▶ Technology at Work

▶ Security

Biometric Security is in place to ensure authenticated access of information

Strong Encryption is used to protect donor information

Optical Storage devices are used for archival accuracy

▶ Automation

The Alyx System is used for double red-cell collection to increase the blood supply

New testing regimens are being used to protect blood recipients (NAT & West-Nile)

Online history look-back capability is used to ensure safety of recovered plasma

Technology & Research are working for a safer, and more secure tomorrow, today.