Calling All Super Heroes

Guardians of the GRID

Emma Jorstad, WMDA GRID Task Force Representative
Alana Siebenaler-Ransom, GRID Stakeholder Readiness Lead

November 9, 2018

NATIONAL MARROW DONOR PROGRAM®   BE THE MATCH®

Let's go!

Disclosures

The following faculty and planning committee staff have the following financial disclosures:

Name	Institution	Disclosure
Emma Jorstad	NMDP/Be The Match	None
Alana Siebenaler-Ransom	NMDP/Be The Match	None
Andrew Chilson	NMDP/Be The Match	None
Kim Tohm	NMDP/Be The Match	None
Natalie Tervola	NMDP/Be The Match	None
Amy Ewer	NMDP/Be The Match	None
Ruth Bakken, RN, BSN, CHTC	NMDP/Be The Match	None

NATIONAL MARROW DONOR PROGRAM®

BE THE MATCH®

Grab your cape.

Let's go!

Learning objectives

At the conclusion of this session, attendees will be able to:
- State the history of GRID implementation at NMDP
- Ensure awareness of impact / implication of GRID to centers
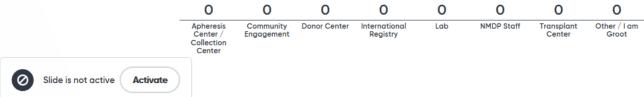- Know how to approach implementing GRID at your center

Which type of Network Partner are you?

WMDA envisions GRID

Council 2016: GRID presentation
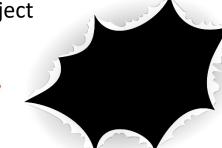
GRID added to EMDIS

GRID new format (cord blood removed)

Council 2017: GRID booth

Kick off Be The Match GRID project

DONOR
unique 19-character identifier

3553 0072 6043 3201 6 02
ION   Registration Donor Identifier   Checksum

NATIONAL MARROW DONOR PROGRAM®

BE THE MATCH®

Let's go!

Engage Boosters

Systems-driven implementation

Engage Boosters

Department Ownership

Let's go!

Will you be GRID ready?

Go to **www.menti.com** and use the code **15 60 91**

How worried are you about being GRID ready?

Mentimeter

O	O	O	O
We've got this!	April is a long way off; I think we'll be fine.	You've given me somthing to think about.	I can't sleep at night. Visions of GRID dance through my head.

Slide is not active Activate

NATIONAL MARROW DONOR PROGRAM®

BE THE MATCH®

Grab your cape.

Let's go!
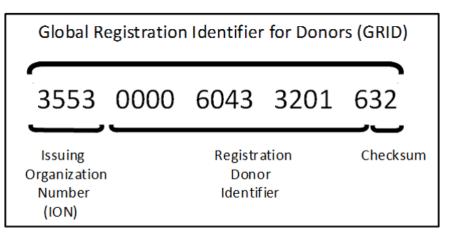
★ NMDP DID embedded in GRID

Global Registration Identifier for Donors (GRID)

3553 0000 6043 3201 632

Issuing Organization Number (ION) | Registration Donor Identifier | Checksum

★ Network Partners + WMDA

★ Step C

★ What's changing?

WMDA Timeline

Transition Period Dates	Donor ID	GRID
Current – Dec 31, 2018	Mandatory	Optional
Jan 1 – Apr 28, 2019	Mandatory	Required for WMDA Search & Match Service
Apr 29 – Dec 16, 2019	Mandatory	Mandatory external IT systems / communications
Jul 1 – Dec 16, 2019	Mandatory	Mandatory operational forms / documentation
Dec 17, 2019 – Dec 14, 2020	Optional	Mandatory
Dec 15, 2020	Removed	Mandatory

NATIONAL MARROW DONOR PROGRAM®   BE ❖ THE MATCH®

November

STAR Link GRID assigned

B2B Gateway

December

Traxis

EMDIS

January

STAR Link Labels & Reports

Haplogic

JAN 28: Doc Release

February

HML Gateway

March

FormsNet3

Metadata Rave

B2B Gateway (DOD)

April

APR 22: Doc Release

Summer

MatchSource

Documents Across the Universe

Workup Request
- Request Form
- Subsequent Request
- Previous Transplant History
- NMDP Prescription

Info, Consent, & HHSQ
- Consent to Donate
- Research Repository
- Research Database
- HHSQ: Prelim/DR
- HHSQ: HR, CT, Workup
- HHSQ: Online
- Zika Assessment
- Chagas Assessment

Suitability & Clearance
- Pregnancy Assessment (705)
- Physical Examination Report
- Venous Assessment
- Determination of Stem Cell Donor Suitability (700)
- Notification of Donor Clearance
- Unusal Findings Letter
- Abnormal Findings Letter
- Interval Suitability Assessment

Eligibility
- DC Review of Medical Records
- Declaration of Eligibility (DOE)*
- Notification of Donor Eligibility (NODE)
- Declaration of Urgent Medical Need (DUMN)
- Amendment to Donor Eligibility
- Addendum to Physical Exam
- Post Collection Amendment

Sample Labeling
- Recruitment Sample
- CT Sample
- IDM Sample
- Pre-Collects
- Day of Collection Sample
- Research Sample
- Other Sample

Product Labeling
- ISBT Product Label
- Biohazard Tags
- Additional' Product Info Tag
- NC, Whole Blood
- Verification of Product Labeling
- Record of Packaging
- ISBT Label Reprint Log
- ISBT 128 Labeling SOPs
- Declaration of Eligibility (DOE)*
- F01060 (IDM Results)

Sample Draw/Ship
- DR/HR Instructions
- CT Instructions
- Blood Draw & Shipping Intructions
- Day of Collection Instructions
- NC, Whole Blood Instructions
- IDM Testing Requisition
- Packing Slip (to lab)
- Manual Kit Request

Filgrastim
- Order Form
- Epinephrine Auto-injector Order Form
- Shipping Information Form
- Filgrastim Delivery Ticket
- Administration Confirmation (715)
- Daily Assessment Form
- Dosage Change Request
- Filgrastim Mobilized PBSC Days 1-4 Assessment (710)
- Filgrastim Mobilized PBSC Days 5, 6 (730/731)

Collection & Transport
- PBSC Product Analysis (770/771)
- Marrow Product Analysis (772)
- T Cells Apheresis Procedure and Product Analysis (773)
- Donor Assessment Marrow (732)
- Record of Packaging & Receipt
- Courier Instructions
- Stem Cell Donor Adverse Event Form (701)
- Protocol Deviation Form (3000)*

Donor Follow-up
- Stem Cell Follow-up Eval (777/ 780/781)
- Post Donation Follow-up 1, 6 Month (760)
- Post Donation Follow-up Annual (763)
- Follow-up Withdrawal (781)

Finance
- Expense Report (Donor)
- Expense Report (Courier)
- Extended Medical Request
- Donor Medical Billing Letter Card
- 3rd Party PE Billing Letter
- Invoices

indicates form in multiple areas

Donor Centers

Recruitment
GRID created
Select for Testing
Workup Request
Donor Clearance
Collection

STAR Link
FormsNet3

Labs
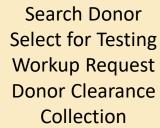
Recruitment
Select for Testing
Workup Request
Donor Clearance
Collection

HML Gateway

Transplant Centers

Search Donor
Select for Testing
Workup Request
Donor Clearance
Collection

Traxis / MatchSource
Haplogic

Apheresis / Collection Centers

Workup Request
Donor Clearance
Collection

FormsNet3
Hematrax

International Registries

Search Donor
Select for Testing
Workup Request
Donor Clearance
Collection

EMDIS
B2B Gateway

GRID Readiness Checklist

Take time to think through each of these areas with your colleagues to ensure you are GRID ready. If you only use NMDP / Be The Match systems or forms, you are GRID ready.

☑ Documentation *(Formal & Informal)*

Note: NMDP / Be The Match controlled documents will be updated to accommodate GRID

- Standard Operating Procedures
- Manual of Operations
- User Guides
- Checklists
- Job Aids
- Websites
- Presentations
- Reports

🖳 Applications / Equipment Integration *(with NMDP / Be The Match systems)*

Note: NMDP / Be The Match systems will be updated to accommodate GRID

- Follow ICCBBA standards for:
    - Field validation
    - Checksum algorithm
    - User interface (UI) display / Eye-readable GRID
    - Electronic encoding *(i.e. barcodes)*
    - Traceability DID <-> GRID
- Barcode Scanners

ICCBBA Standards

☰ Forms / Labels

Note: NMDP / Be The Match forms / labels will be updated to accommodate GRID
* Do not leave fields blank. Enter GRID or N/A.

- Consent Forms
- Donor Assessment Forms
    (i.e. Eligibility, Physical Exam)
- Donor IDM Form (1060)
- Donor Workup Request Forms
- Other Auto-fill Documents
- Data Collection Forms *(i.e. 700 series)*
- Prescription Forms
- Verification Forms
- Sample and Product Labels

grid@nmdp.org

Grab your cape. Let's go!

Are you ready?

- NMDP forms and systems ✓
- The Standard - Non-NMDP systems / applications
- Vendors
- Traceability Guide
- FAQ: Network Website
- Reminders:
  - No truncating
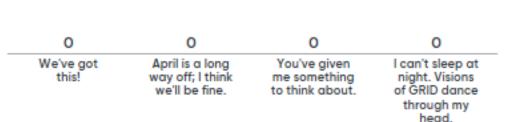 - ION = assigning ID
  - Blank Fields = N/A

NOW will you be GRID ready?

Go to **www.menti.com** and use the code **15 60 91**

NOW how worried are you about being GRID ready?

Mentimeter

0	0	0	0
We've got this!	April is a long way off; I think we'll be fine.	You've given me something to think about.	I can't sleep at night. Visions of GRID dance through my head.

Slide is not active   Activate

0

NATIONAL MARROW DONOR PROGRAM®

BE THE MATCH®

Grab your cape.   Let's go!

Appendix

Donor Centers: the journey of a GRID

Donor Recruitment

- Donor Recruitment
- Consent
- GRID created
- Swab Kit created & sent
- Sample
- HLA Typing

Search Donor

- Create New Patient
- Formal Search
- Search Strategy
- View Search Lists

Select Donor for Testing

- Create Order
- Pick / Ship Sample
- Lab Notification
- Donor Consent
- Donor HHSQ
- Donor Blood Draw
- Kits: Order, Create, Ship
- QC Sample
- Genomic Testing
- IDM Testing
- CT Testing
- Report Test Results
- Validate/Persist Genomic Data
- Data Collection Form

Donor Workup Request, Clearance, Pre-Collection

- Donor Info Session
- Donor Physical Exam
- Donor Clearance
- Determine Eligibility
- Schedule Filgrastim Administration
- Order Filgrastim
- Administer Filgrastim
- Schedule Collection
- Perform IDM Testing
- Report Testing Results
- Manage Courier / Itinerary

Day of Collection & Post-Collection

- Donor Product Collection
- Obtain Research Sample
- Receive/Store Research Sample
- Perform Donor Follow-up
- Submit Expense Reports
- Post-Donation Survey

Transplant Centers: the journey of a GRID

Donor Recruitment

- Donor Recruitment
- Consent
- GRID created
- Swab Kit created & sent
- Sample
- HLA Typing

Search Donor

- Create New Patient
- Formal Search
- Search Strategy
- View Search Lists

Select Donor for Testing

- Create Order
- Pick / Ship Sample
- Lab Notification
- Donor Consent
- Donor HHSQ
- Donor Blood Draw
- Kits: Order, Create, Ship
- QC Sample
- Genomic Testing
- IDM Testing
- CT Testing
- Report Test Results
- Validate/Persist Genomic Data
- Data Collection Form

Donor Workup Request, Clearance, Pre-Collection

- Donor Info Session
- Donor Physical Exam
- Donor Clearance
- Determine Eligibility
- Schedule Filgrastim Administration
- Order Filgrastim
- Administer Filgrastim
- Schedule Collection
- Perform IDM Testing
- Report Testing Results
- Manage Courier / Itinerary

Day of Collection & Post-Collection

- Donor Product Collection
- Obtain Research Sample
- Receive/Store Research Sample
- Perform Donor Follow-up
- Submit Expense Reports
- Post-Donation Survey

International Registries: the journey of a GRID

Donor Recruitment

- Donor Recruitment
- Consent
- GRID created
- Swab Kit created & sent
- Sample
- HLA Typing

Search Donor

- Create New Patient
- Formal Search
- Search Strategy
- View Search Lists

Select Donor for Testing

- Create Order
- Pick / Ship Sample
- Lab Notification
- Donor Consent
- Donor HHSQ
- Donor Blood Draw
- Kits: Order, Create, Ship
- QC Sample
- Genomic Testing
- IDM Testing
- CT Testing
- Report Test Results
- Validate/Persist Genomic Data
- Data Collection Form

Donor Workup Request, Clearance, Pre-Collection

- Donor Info Session
- Donor Physical Exam
- Donor Clearance
- Determine Eligibility
- Schedule Filgrastim Administration
- Order Filgrastim
- Administer Filgrastim
- Schedule Collection
- Perform IDM Testing
- Report Testing Results
- Manage Courier / Itinerary

Day of Collection & Post-Collection

- Donor Product Collection
- Obtain Research Sample
- Receive/Store Research Sample
- Perform Donor Follow-up
- Submit Expense Reports
- Post-Donation Survey

Apheresis/Collection Centers: the journey of a GRID

Donor Recruitment
- Donor Recruitment
- Consent
- GRID created
- Swab Kit created & sent
- Sample
- HLA Typing

Search Donor
- Create New Patient
- Formal Search
- Search Strategy
- View Search Lists

Select Donor for Testing
- Create Order
- Pick / Ship Sample
- Lab Notification
- Donor Consent
- Donor HHSQ
- Donor Blood Draw
- Kits: Order, Create, Ship
- QC Sample
- Genomic Testing
- IDM Testing
- CT Testing
- Report Test Results
- Validate/Persist Genomic Data
- Data Collection Form

Donor Workup Request, Clearance, Pre-Collection
- Donor Info Session
- Donor Physical Exam
- Donor Clearance
- Determine Eligibility
- Schedule Filgrastim Administration
- Order Filgrastim
- Administer Filgrastim
- Schedule Collection
- Perform IDM Testing
- Report Testing Results
- Manage Courier / Itinerary

Day of Collection & Post-Collection
- Donor Product Collection
- Obtain Research Sample
- Receive/Store Research Sample
- Perform Donor Follow-up
- Submit Expense Reports
- Post-Donation Survey

Labs: the journey of a GRID

Donor Recruitment
- Donor Recruitment
- Consent
- GRID created
- Swab Kit created & sent
- Sample
- HLA Typing

Search Donor
- Create New Patient
- Formal Search
- Search Strategy
- View Search Lists

Select Donor for Testing
- Create Order
- Pick / Ship Sample
- Lab Notification
- Donor Consent
- Donor HHSQ
- Donor Blood Draw
- Kits: Order, Create, Ship
- QC Sample
- Genomic Testing
- IDM Testing
- CT Testing
- Report Test Results
- Validate/Persist Genomic Data
- Data Collection Form

Donor Workup Request, Clearance, Pre-Collection
- Donor Info Session
- Donor Physical Exam
- Donor Clearance
- Determine Eligibility
- Schedule Filgrastim Administration
- Order Filgrastim
- Administer Filgrastim
- Schedule Collection
- Perform IDM Testing
- Report Testing Results
- Manage Courier / Itinerary

Day of Collection & Post-Collection
- Donor Product Collection
- Obtain Research Sample
- Receive/Store Research Sample
- Perform Donor Follow-up
- Submit Expense Reports
- Post-Donation Survey

Primary Donor Identifier

This new term will replace references to Donor Identifier, Donor Identification Number and Donor ID (DID) in NMDP/Be The Match documentation.

Blank Fields on Forms

Until April 29, 2019 some forms may have a blank field for GRID. Do not leave fields blank.

If one primary donor identifier is unavailable or not known, write or enter "N/A."

GRID is for DONORS, not donations.

Eye-readable GRID

Global Registration Identifier for Donors (GRID)

3553 0000 6043 3201 632

Issuing Organization Number (ION)

Registration Donor Identifier

Checksum

Machine-readable GRID

GRID: 3553 1234 5678 9009 876

QR Code
with
ICCBBA
standard

A9997 18 200385 Q

Collection Date/Time
0182692359
26 SEP 2018 23:59 CDT
(27 SEP, 2018   04:59 UTC)
Do Not Irradiate
Do Not Use Leukoreduction Filters

For Use by Intended
Recipient(s) Only

Unrelated Donor
GRID: 3553 1234 5678 9009 876

S1128400   DESIGNATED
HPC, APHERESIS
Mobilized

Infuse Within 48 Hours of Collection
or as Soon as Feasible
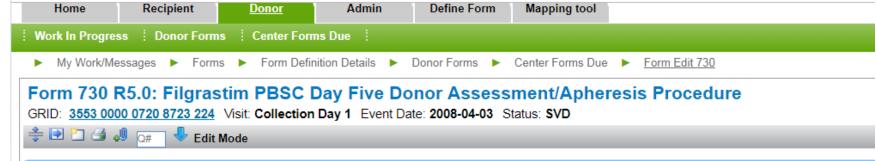
Intended Recipient:
Donor, Test
Recipient ID: 765-098-8

Total Volume _350_ mL containing
approx _38_ mL Citrate
Store at 1 to 10 C

Product Label

FormsNet3^{SM}

Traxis®

Traxis®
Dev - Release: 6.2.92

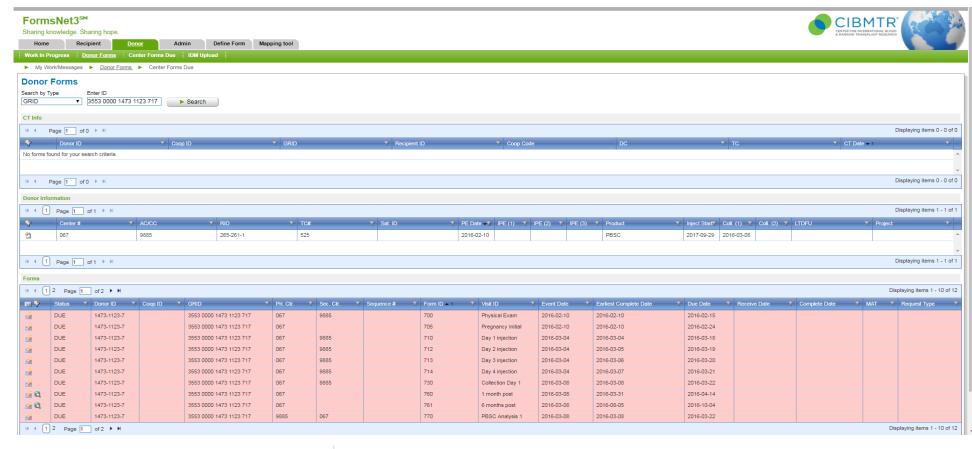**TC583 - Roswell Park Cancer Institute**

Find Patient, Donor or Cord | Look Up | **Advanced**

Home | New Patient | Allele Lookup

361-695-3 D3616953, E3616953
Local ID:457001
Center: 583
Race(Eth): White - Unspecified (NHIS)

Weight:102kg
Age: 65
Sex: M

CMV: Negative
Disease:PNH
ABO: A+

Status	Phenotype	A	B	C	DRB1	DQB1
FRML	Pheno 1 ▼	01:BCJEP 02:BCJER	08:BDYGJ 14:AJPCR	07:BDYGK 08:AZCPU	03:AYMXZ 04:AYMCY	02:AXZUX 03:AXZUY

Go to... ▼

🖶

Donor Info for 2015-3739-6

Id	MCat	Pr(n) of 10 (%)	Pr(n) of 8 (%)	A	B	C	DRB1	DQB1	A	B	C	DRB1	DQB1	DRB3	DRB4
2015-3739-6	8/10	10/10=0 9/10= 0 8/10= 99	8/8=0 7/8=0 6/8=99	P P	P M	P M	P P	P P	01:01 02:ANGA	08:01 45:01	07:01 06:02	03:01 04:01	02:01 03:01	01:FX	01:MY

Demographics | Infectious Disease Markers | Search History | HLA Detail

Rep Smpl:	Y	**Ctr:**	1
ABO:	O	**Intl Code:**	
Rh Type:	Positive (+)	**Local ID:**	201537396
Sex:	Male	**GRID:**	3553 0000 2015 3739 699
Avail Date:		**Birth Date:**	Feb 08 1996
Registry Status:	AV	**Age:**	22
Weight (kg):	107.0	**Reg Date:**	Aug 18 2016
CMV:	Negative	**Weight Date:**	
Race:	White - Multiple Caucasian	**CMV Date:**	Aug 31 2018
Last Contact Date:	Jan 26 2017	**Race Detail:**	White - Eastern European, White - North American
Contact Type:	Pre-Search HHQ	**Ethnicity:**	Not Hispanic or Latino
Num Preg:		**Prev. Donations:**	0
		Transfusion History:	N
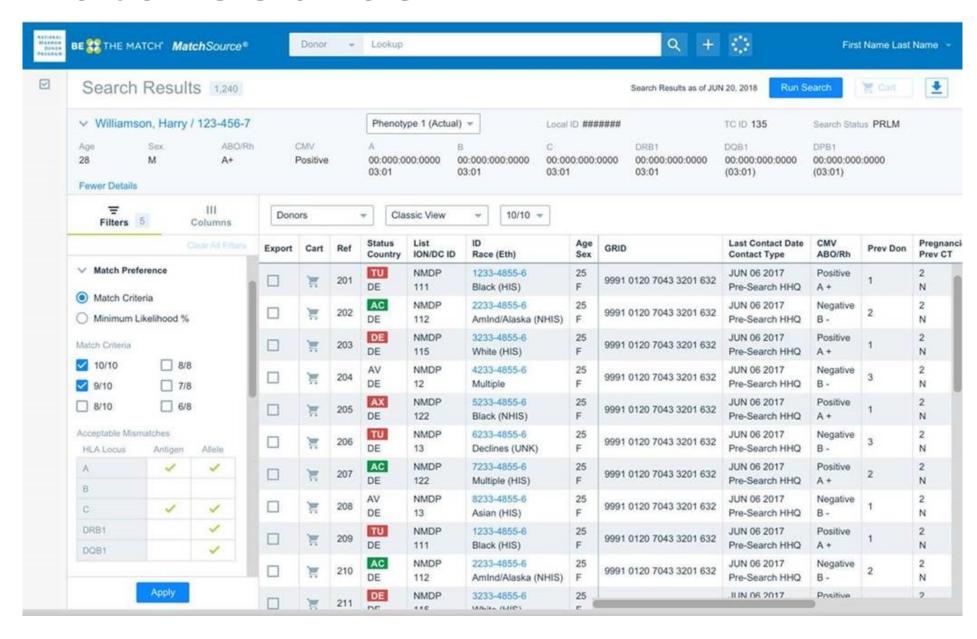
MatchSource®

Tracking Sheet

Run Date:	Nov-7-2018	**WU Tracking Sheet**	**Report:** NonInquiry
Print Time:	6:47:49PM	**Donor Center: 001**	Page 1 of 2

Request Date: Oct-30-2018
Goal Date: Nov-6-2018

GRID: 3553 0000 0707 5107 812
NMDP DID: 0707-5107-8
Local ID: 070751078
Recipient ID: 403-048-1

Donor Information

Name:	Prince Rogers Nelson	**Ethnicity:**	Not Hispanic or Latino
Address:	Paisley Park	**Race(s):**	Chinese

STAR Link®

User: Roger Jackels (rjackel2)   **Center:** LifeStream (006)   **Country/Division:** USA

| Donor | Drives | Reports | Search | Maintenance | Help |

GRID: 3553 0000 5011 9912 931   **NMDP DID:** 5011-9912-9   **Donor Name:** L5011-9912-9, F5011-9912-9

Jump To: **Donor** | **Contacts** | **Recruitment** | **Medical** | **HHQ** | **Things To Do** | **History** | **Notes**

Donor

- Lookup
- Entry - Current
  - 729 R2
  - 746 R2 - F
- Entry - Language
- Entry - Previous
- Pending Donors
- Transfer Donor
- Scanned Forms
- Reports
  - Antigen History

Donor Folder

Donor Information   Version   XvX

Donor Status	**Transferred**		Available Date	
Search Stage				
GRID	**3553 0000 5011 9912 931**			
NMDP DID	**5011-9912-9**	Local ID	**501199129**	
Last Name	**L5011-9912-9**	First Name	**F5011-9912-9**	Middle Name
Birth Date	**8/7/1973**	Sex	**Male**	SSN

Declaration of Eligibility

DECLARATION OF ELIGIBILITY – ADULT DONOR

Recipient Identification Number:

GRID:

NMDP Donor or Cooperative Registry ID:

Product Type:

○ HPC, Apheresis (57MH-02)

○ HPC, Marrow (no import product code)

○ MNC, Apheresis (57MH-03)

○ NC, Whole Blood (in tubes) for further manufacturing (57MI-03)

SECTION 1: Eligibility Determination

Declaration of Urgent Medical Need

RESET

PRINT

DECLARATION OF URGENT MEDICAL NEED
INELIGIBLE / INCOMPLETE ADULT DONOR

Recipient Identification Number:

GRID:

NMDP Donor or Cooperative Registry ID:

Check Planned Product Type:

- ○ **HPC, Apheresis (57MH-02)**
- ○ **HPC, Marrow (not regulated; no product code)**
- ○ **MNC, Apheresis (57MH-03)**
- ○ **NC, Whole Blood (in tubes) for further manufacturing (57MI-03)**

SECTION 1: Ineligible / Incomplete Status