Guardians of the GRID

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

November 9, 2018
## Disclosures

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
<th>Disclosure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emma Jorstad</td>
<td>NMDP/Be The Match</td>
<td>None</td>
</tr>
<tr>
<td>Alana Siebenaler-Ransom</td>
<td>NMDP/Be The Match</td>
<td>None</td>
</tr>
<tr>
<td>Andrew Chilson</td>
<td>NMDP/Be The Match</td>
<td>None</td>
</tr>
<tr>
<td>Kim Tohm</td>
<td>NMDP/Be The Match</td>
<td>None</td>
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<tr>
<td>Natalie Tervola</td>
<td>NMDP/Be The Match</td>
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</tr>
<tr>
<td>Amy Ewer</td>
<td>NMDP/Be The Match</td>
<td>None</td>
</tr>
<tr>
<td>Ruth Bakken, RN, BSN, CHTC</td>
<td>NMDP/Be The Match</td>
<td>None</td>
</tr>
</tbody>
</table>
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?

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

Which type of Network Partner are you?

Grab your cape.
WMDA envisions GRID

- GRID added to EMDIS
- Council 2016: GRID presentation
- Council 2017: GRID booth
- GRID new format (cord blood removed)

Kick off Be The Match GRID project
Engage Boosters

Systems-driven implementation
Engage Boosters

Department Ownership
Engage Boosters

Organization-wide Impact
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?

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

Grab your cape.
★ NMDP DID embedded in GRID

★ Network Partners + WMDA

★ Step C

★ What’s changing?
## WMDA Timeline

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

≡ 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 (1050)
- 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.
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?

0 0 0 0

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.

Grab your cape.
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
Apheresis/Collection Centers: the journey of a GRID

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Labs: the journey of a GRID

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- 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
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- Kits: Order, Create, Ship
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- Donor Product Collection
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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

<table>
<thead>
<tr>
<th>Issuing Organization Number (ION)</th>
<th>Registration Donor Identifier</th>
<th>Checksum</th>
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</thead>
<tbody>
<tr>
<td>3553</td>
<td>0000</td>
<td>6043</td>
</tr>
<tr>
<td></td>
<td>3201</td>
<td>632</td>
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Machine-readable GRID

GRID: 3553 1234 5678 9009 876

Barcode
QR Code with ICCBBA standard
Collection Date/Time: 082692359
26 SEP 2018 23:59 CDT
(27 SEP, 2018 04:59 UTC)

For Use by Intended Recipient(s) Only

Unrelated Donor
GRID: 3553 1234 5678 9009 876

Do Not Irradiate
Do Not Use Leukoreduction Filters

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
FormsNet3SM

Form 730 R5.0: Filgrastim PBSC Day Five Donor Assessment/Apheresis Procedure
GRID: 3553 0000 0720 8723 224  Visit: Collection Day 1  Event Date: 2008-04-03  Status: SVD
**Traxis**

**TC583 - Roswell Park Cancer Institute**

**Traxis**

**NATIONAL MARROW DONOR PROGRAM**

Home | New Patient | Allele Lookup

| Local ID: 457001 | Age: 65 | Disease: FMIH |
| Center: S53 | Sex: M | ABO: A+ |
| Race/Eth: White - Unspecified (NHIS) |

**Donor Info for 2015-3739-6**

<table>
<thead>
<tr>
<th>Id</th>
<th>Pr(n) of ID (%)</th>
<th>Pr(n) of B (%)</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>DRB1</th>
<th>DRB3</th>
<th>Ctrl</th>
<th>Intl Code</th>
<th>Local ID</th>
<th>GRID</th>
<th>Birth Date</th>
<th>Age</th>
<th>Reg Date</th>
<th>Weight Date</th>
<th>Race</th>
<th>Last Contact Date</th>
<th>Contact Type</th>
<th>Num Prep</th>
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<tbody>
<tr>
<td>2015-3739-6</td>
<td>8/10</td>
<td>9/10 = 0</td>
<td>8/8 = 0</td>
<td>D</td>
<td>D</td>
<td>D</td>
<td>D</td>
<td>02:ANGA</td>
<td>01:01</td>
<td>08:01</td>
<td>07:01</td>
<td>02:01</td>
<td>03:01</td>
<td>02:01</td>
<td>02:01</td>
<td>02:01</td>
<td>08:01</td>
<td>06:02</td>
<td>04:01</td>
</tr>
</tbody>
</table>

**Demographics**

- Rep Smpl: Y
- ABO: O
- Rh Type: Positive (+)
- Sex: Male
- Registry Status: AV
- Weight (kg): 107.0
- CMV: Negative
- Race: White - Multiple Caucasian
- Last Contact Date: Jan 26 2017
- Contact Type: Pre-Search HHQ
- Num Prep: 1
### Search Results

**Williamson, Harry / 123-456-7**

#### Phenotype 1 (Actual)

- **CM**: Positive
- **A**: 0.0000000000 03.01
- **B**: 0.0000000000 03.01
- **C**: 0.0000000000 03.01
- **DRB**: 0.0000000000 03.01
- **DQB**: 0.0000000000 03.01
- **DPB**: 0.0000000000 03.01

#### TC ID: 135

**Search Status: PRLM**

### Fewer Details

#### Filters
- **Donors**
- **Classic View**
- **10/10**

#### Match Preference
- **Match Criteria**
- **Maximum Criteria**
- **Minimum Likelihood %**

#### Acceptable Mismatches
- HLA Locus: A, B, C, DRB1, DQB1
- Antigen: Yes, Yes, Yes, Yes, Yes
- Allele: Yes, Yes, Yes, Yes, Yes

### Table

<table>
<thead>
<tr>
<th>ID</th>
<th>Race</th>
<th>Age</th>
<th>Sex</th>
<th>Phenotype 1</th>
<th>CMV ABO/Rh</th>
<th>TPN</th>
<th>Contact Date</th>
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<td>F</td>
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<td>Positive</td>
<td>9991 0120 7043 3201 632</td>
<td>JUN 06 2017 Pro-Search HHQ</td>
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<tr>
<td>AC</td>
<td>111</td>
<td>25</td>
<td>F</td>
<td>Positive</td>
<td>Positive</td>
<td>9991 0120 7043 3201 632</td>
<td>JUN 06 2017 Pro-Search HHQ</td>
</tr>
<tr>
<td>DE</td>
<td>112</td>
<td>25</td>
<td>F</td>
<td>Positive</td>
<td>Positive</td>
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<td>F</td>
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<td>Positive</td>
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<td>JUN 06 2017 Pro-Search HHQ</td>
</tr>
</tbody>
</table>
Tracking Sheet

Run Date: Nov-7-2018
Print Time: 6:47:49PM

WU Tracking Sheet
Donor Center: 001

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

Report: NonInquiry
Page 1 of 2

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
Address: Paisley Park

Ethnicity: Not Hispanic or Latino
Race(s): Chinese
# Declaration of Eligibility

## DECLARATION OF ELIGIBILITY – ADULT DONOR

<table>
<thead>
<tr>
<th>Recipient Identification Number:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>GRID:</td>
<td></td>
</tr>
<tr>
<td><strong>NMDP Donor or Cooperative Registry ID:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Product Type:</strong></td>
<td></td>
</tr>
<tr>
<td>- HPC, Apheresis (57MH-02)</td>
<td>- HPC, Marrow (no import product code)</td>
</tr>
<tr>
<td>- MNC, Apheresis (57MH-03)</td>
<td>- NC, Whole Blood (in tubes) for further manufacturing (57MI-03)</td>
</tr>
</tbody>
</table>

## SECTION 1: Eligibility Determination
## Declaration of Urgent Medical Need

### Ineligible / Incomplete Adult Donor

<table>
<thead>
<tr>
<th>Recipient Identification Number:</th>
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</thead>
<tbody>
<tr>
<td>GRID:</td>
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<td>NMDP Donor or Cooperative Registry ID:</td>
</tr>
</tbody>
</table>

**Check Planned Product Type:**

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

### SECTION 1: Ineligible / Incomplete Status