NEW UNIQUE DONOR IDENTIFICATION NUMBER (GRID)

Graft Selection Strategy Workshop
Salmah Ahmed
24th June 2016
GLOBAL REGISTRATION IDENTIFIER FOR DONORS (GRID)

Currently Registries and Donor Centres design and structure the donor ID’s in whatever manner they see fit- some are not robust and have led to donor misidentification; Inadvertent completely HLA-mismatched allogeneic unrelated bone marrow transplant: lessons learned (B S Sorensen et.al 2016)

WMDA & ICCBBA project

Goal: To create globally unique identifiers for potential hematopoietic progenitor cell registry donors

• Designed to improve global identification of donors and eliminate the risk of errors associated with misidentification

• Define a standard presentation for the human-readable identifier

• Provide a standard machine-readable format (bar codes) for the GRID that can be used by computer systems

This is for DONORS, not Donations- it will not replace the ISBT-128 number

Delete Blood Cancer
GBDKM123456
Anthony Nolan
GB24170344

Welsh Bone Marrow Donor Registry
WA123456789

British Bone Marrow Registry
1104377019

saving the lives of people with blood cancer
REQUIREMENTS & DESIGN OF DONOR IDENTIFIER

- Fixed length; always the same number of characters; 19
- Allow registries to assign the number to the donors (not centrally assigned)
- Include a check character to improve manual data entry
- Letters and numbers only, no symbols or punctuation
- Two parts
- GRID Issuing Organization Number (ION) first 4 characters
- Donor Identifier last 15 characters
# HOW DOES GRID FIT IN?

<table>
<thead>
<tr>
<th></th>
<th>GRID</th>
<th>ISBT 128 DIN</th>
<th>SEC Donation Identification Sequence (DIS)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Purpose</strong></td>
<td>To uniquely identify a hematopoietic progenitor cell donor, potential donor, or a cord blood product that is listed in a registry.</td>
<td>To uniquely identify a donation event [collection or recovery]</td>
<td>To uniquely identify a donation event [collection or recovery]</td>
</tr>
<tr>
<td><strong>Scope of application</strong></td>
<td>Global</td>
<td>Global</td>
<td>Europe</td>
</tr>
<tr>
<td><strong>Number of characters</strong></td>
<td>19</td>
<td>13</td>
<td>21</td>
</tr>
<tr>
<td><strong>Facility identified within the structure</strong></td>
<td>The organization that assigned the GRID. The identifier assigned to this organization is called the GRID <strong>Issuing Organization Number (ION)</strong>. The ION is assigned by ICCBBA in collaboration with WMDBA.</td>
<td>The facility that assigned the DIN. The identifier assigned to this organization is called the Facility Identification Number (FIN). The FIN is assigned by ICCBBA.</td>
<td>The facility that assigned the DIS. The identifier assigned to this organization is called the Tissue Establishment Code (TEC). The TEC is assigned by the appropriate competent authority within each country.</td>
</tr>
<tr>
<td><strong>Example</strong></td>
<td>2067 0001 2070 4332 016 ION Registration Donor Identifier</td>
<td>G9999 15 123456 Facility Year Sequence Number</td>
<td>GB 0GY120 G999914123456 Country TE* Unique Donation Number</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>*TE = Tissue Establishment</td>
</tr>
</tbody>
</table>
# WMDA 5 PHASE IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th>PHASE</th>
<th>ACTIVITIES</th>
<th>TIMELINE</th>
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</thead>
<tbody>
<tr>
<td>Phase 1</td>
<td>Registration identifier allocation rules, GRID format, GRID eye-readable presentation, and GRID data structure for electronic transfer are defined. Guidance for registries for mapping local identifiers to the GRID is developed.</td>
<td>COMPLETED</td>
</tr>
<tr>
<td>Phase 2</td>
<td>The European Marrow Donor Information System (EMDIS) and Bone Marrow Donors Worldwide (BMDW) support the GRID. Use of the GRID in communication between registries/cord blood banks/donor centres is recommended but not required.</td>
<td>COMPLETED</td>
</tr>
</tbody>
</table>
| Phase 3 | a) GRID is a mandatory field in communication with EMDIS and BMDW. It is introduced as an optional field in the communication between registries and their donor centres.  

b) GRID is used as the key donor identifier on search reports and is integrated in forms for donor request and outcome reporting. GRID is used on labels of products from adult donors when a donor identifier is required. | OCTOBER 2017 |
| Phase 4 | GRID is incorporated into all Registry database systems as the key identifier for the donor and cord blood product. This is done in a manner that allows any GRID to be used as the key identifier (not only those GRIDs assigned by the Registry). | TBD |
| Phase 5 | ‘GRID for life’ is introduced and donors transferring to other organizations retain the GRID they have previously been assigned. | TBD |
Globally unique identifiers will improve electronic communication, traceability, and accuracy in identifying potential donors by standardizing computer systems across the globe.

For more information go to https://share.wmda.info/display/ANON/GRID%3A+moving+to+unique+donor+identifier
Thank you for your attention
‘ANTHONY NOLAN REWRITES PEOPLE’S STORIES EVERY DAY. I WANTED TO BE A PART OF THAT.’

Jessica, volunteer and lifesaver