Development of an e-learning tutorial of a form: Transplant Essential Data (TED), as a facilitator of understanding and learning in data entry in CIBMTR to Brazilian centers

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There are no conflicts of interest to disclose
Objective

To develop an e-learning tool focused on the CIBMTR TED form in Portuguese to improve data collection and increase the number of Brazilian centers to participate in the CIBMTR.
### HSCT in the world, in Latin America and in Brazil

First transplants in 2012

<table>
<thead>
<tr>
<th></th>
<th>Allo (TR)</th>
<th>Auto (TR)</th>
<th>Total (TR)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>World</strong></td>
<td>31,926 (28)</td>
<td>36,220 (40)</td>
<td>68,146 (63)</td>
</tr>
<tr>
<td><strong>Latin America</strong></td>
<td>1,206 (24)</td>
<td>2,057 (40)</td>
<td>3,263 (64)</td>
</tr>
<tr>
<td><strong>Brazil</strong></td>
<td>631 (32)</td>
<td>1,062 (53)</td>
<td>1,693 (85)</td>
</tr>
</tbody>
</table>

Abbreviation: TR= Transplant Rate

- **51.9%** in Latin America
- **2.5%** in the world
Transplants reported to the CIBMTR by Country in Latin America, 2003-2012

Countries with <50 reported transplants: Chile, Panama and Peru

Gale, RP; Haematopoietic cell transplants in Latin America; Bone Marrow Transplantation (2016), 1–8
Centers authorized by SNT to perform BMT in Brazil (94 centers)

Source Data: Sistema Nacional de Transplante (SNT)
Centers authorized to perform BMT in Brazil (94 centers)

Centers registered in CIBMTR (24 centers)

Active centers in CIBMTR in 2016 (7 centers)

Source Data: Sistema Nacional de Transplante (SNT) / CIBMTR Annual reports
% of transplants reported to the CIBMTR by Brazil 2010 - 2016*

There isn't a national registry specific to HSCT in the country

2016* → January-September

Source Data: Associação Brasileira de Transplantes de Órgãos (ABTO) / CIBMTR Annual reports
How can we improve data collection in Brazil?

Suit the Pre and Post TED form to Brazilian centers

Let's create a course:

What is the reason for decreased reporting of data from Brazilian centers to CIBMTR?

How can we improve data collection in Brazil?
The development of the course started in 06/2016 and ended in 12/2016;

The course was developed through Captivate program, managed to capture images of the forms.

Guia de Preenchimento de Dados Essenciais Pré - Transplante
Guia de Preenchimento de Dados Essenciais Pós - Transplante
Conclusion

Lack of HSCT data in Brazil is a real problem

The CIBMTR tools can assist in establishing databases at each site with DBtC

Training and education are key and a user friendly tool in Portuguese can help improve data collection and new center participation
Next steps

Through this project we now have a data manager group with representatives from three centers that focus on training.

Since the start of this project there are three new CIBMTR centers which are initiating reporting.

We are expanding to include other forms in the e-learning and to translate to Spanish.
Oral presentation, Tandem 02/2016
Data manager: Heliz Regina Neves
Curitiba / Brazil

Visit to CIBMTR on 03/2016
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Thank you!!!

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