

WBMT MEETING

3 A 5 DE OUTUBRO EM SALVADOR - BA

INSCREVA-SE!



13:00 - 14:15 CELL PROCESSING

CHAIRS:

Mickey Koh (Singapore/United Kingdom)

Flavio Braga (Brazil)

13.00 SURVEY RESULTS OF GRAFT PROCESSING ACROSS SOUTH AMERICA – WHAT IS AVAILABLE

Adriana Seber (Brazil)



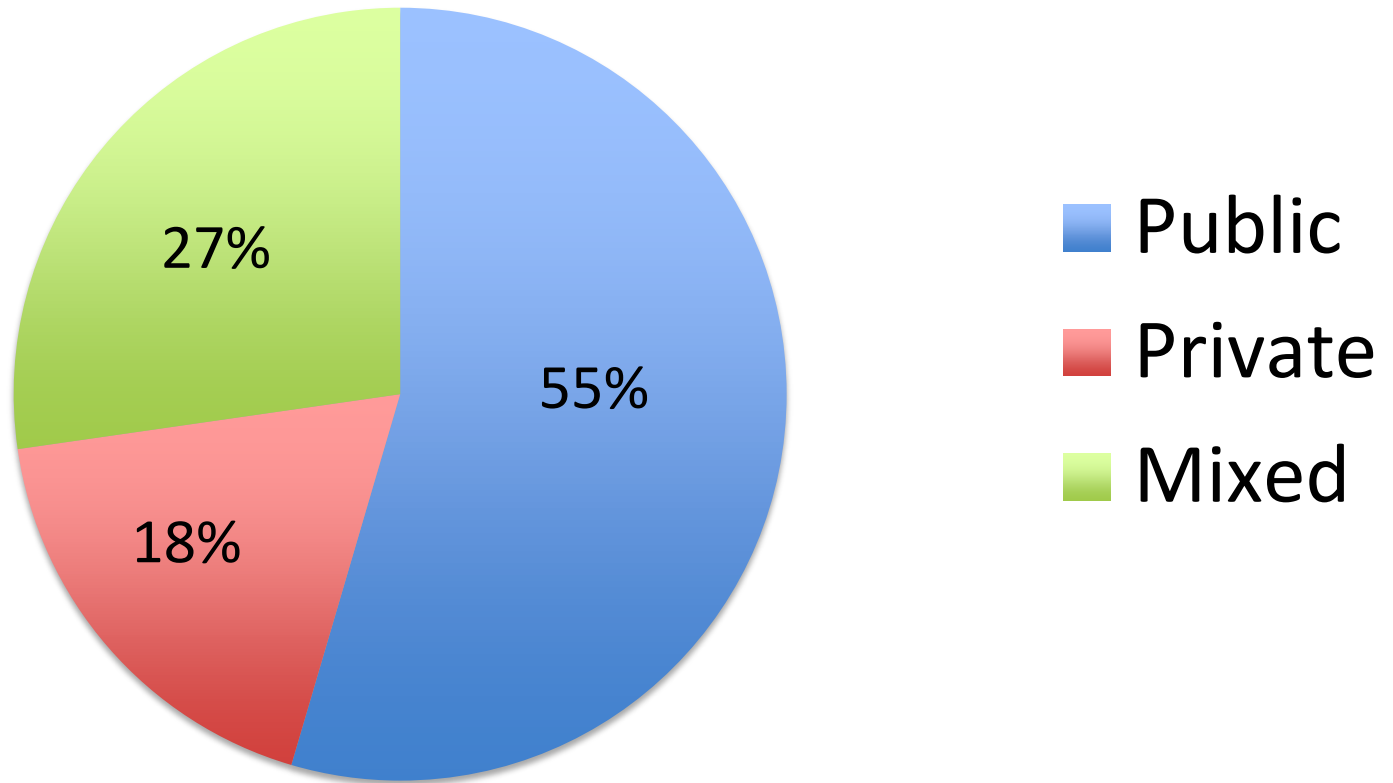
HCT infrastructure

- Brazilian Survey
 - **Dr. Luis Fernando Bouzas**
 - SBTMO
 - August 2013
- Latin American Survey
 - Electronic Survey
 - LABMT
 - September 2013

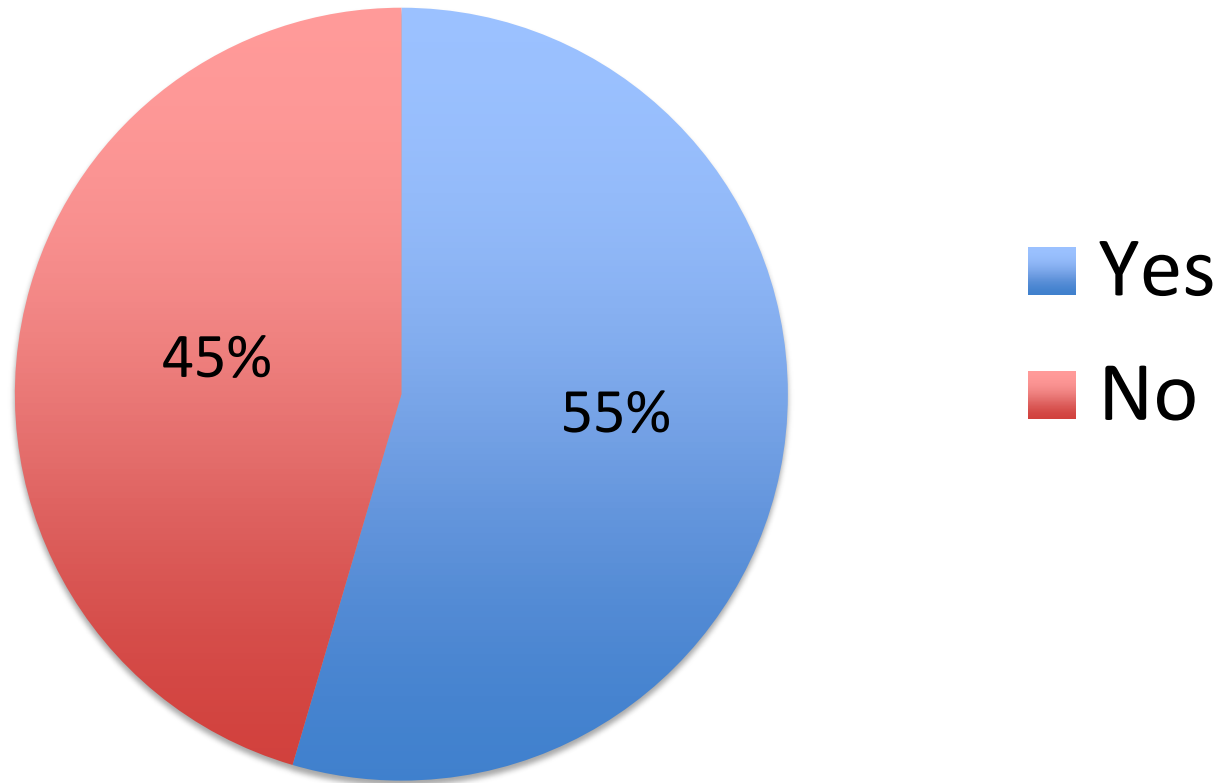
Brazilian Centers

- Survey sent multiple times by e-mail and answer requested by personal calls
- 38 institutions responded - all the largest HCT Brazilian centers

Brazilian Institutions



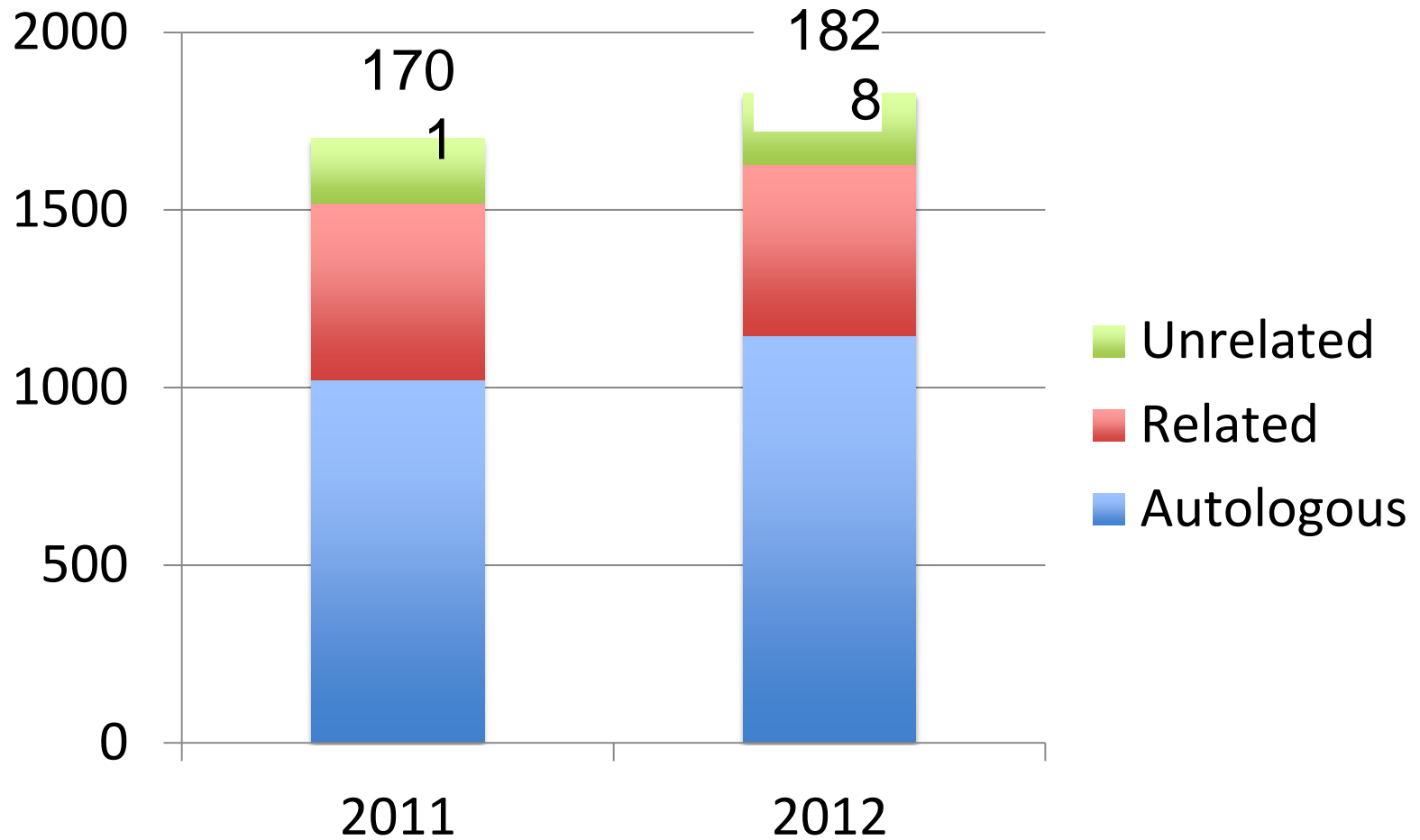
University Hospital



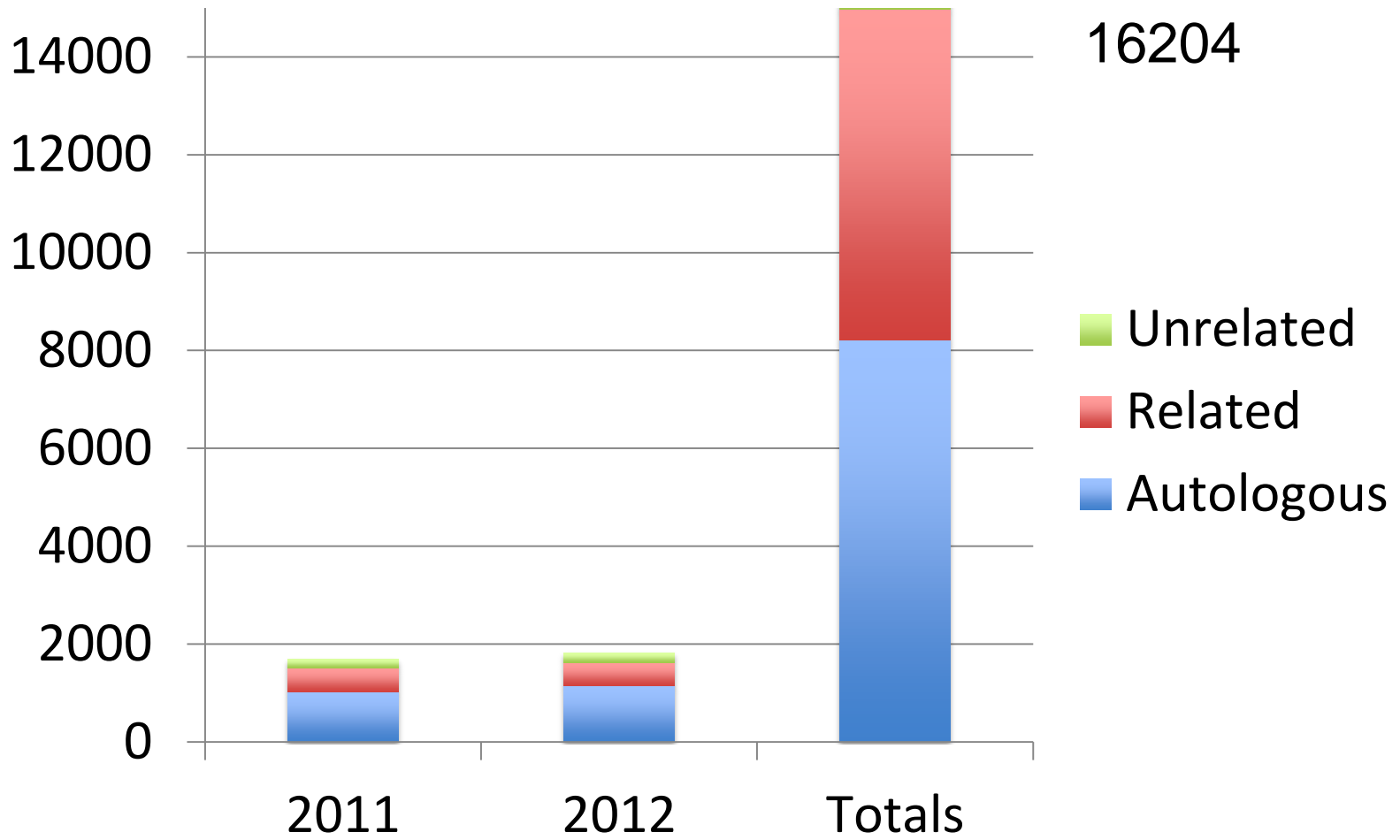
Brazilian HCT Center Characteristics

- Number of beds: median 8 (2-32)
- Programs started: median 1997 (1979-2012)

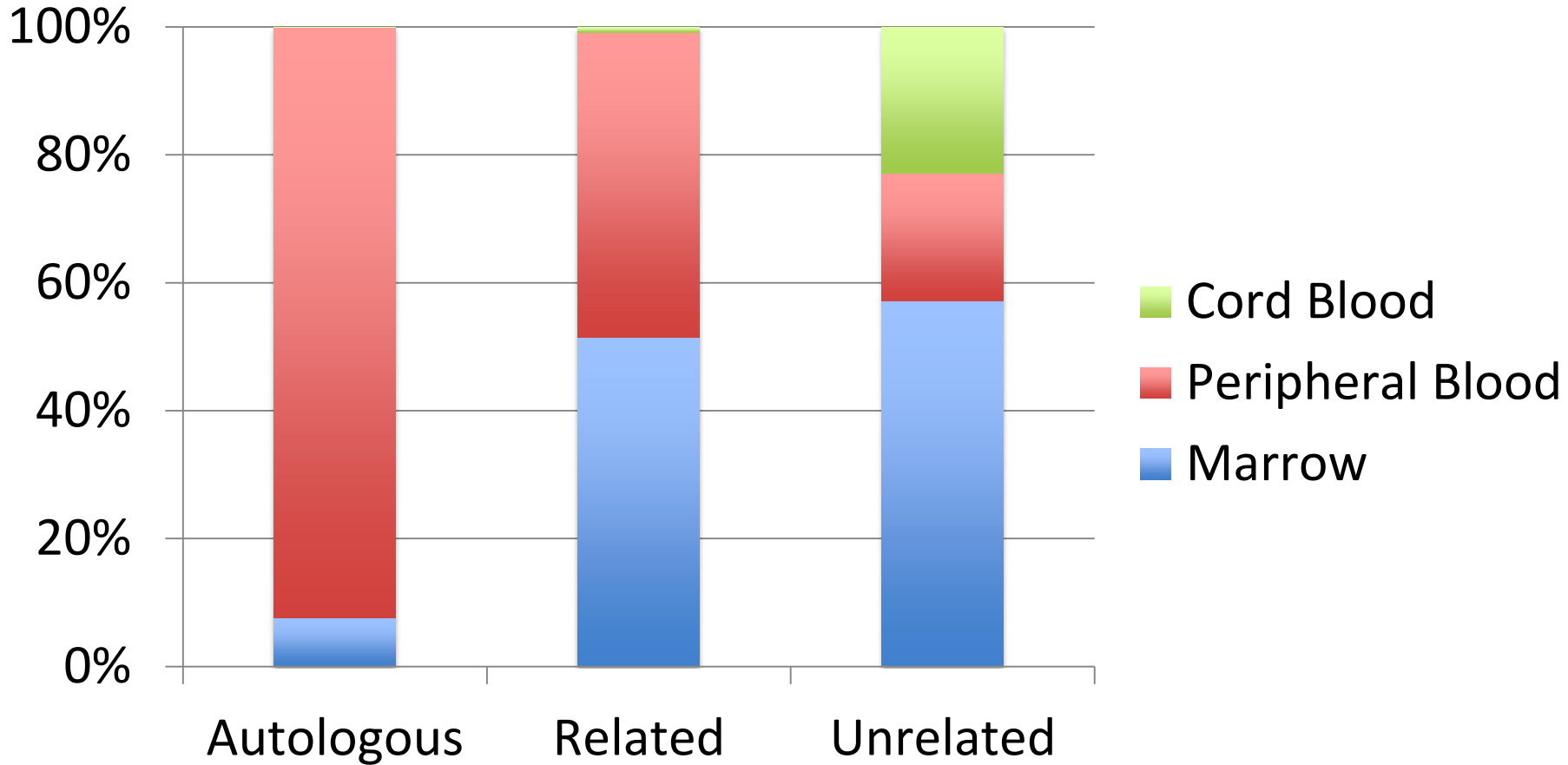
Number of transplants in Brazil



Cumulative number of transplants performed in Brazil



Graft Sources - Brazil



Graft Processing - Brazil

Red Blood Cell depletion:

- ✓ Centrifugation
- ✓ HES-Sedimentation
- ✓ HES-Centrifugation

Plasma removal

Immunomagnetic selection

T-cell depletion

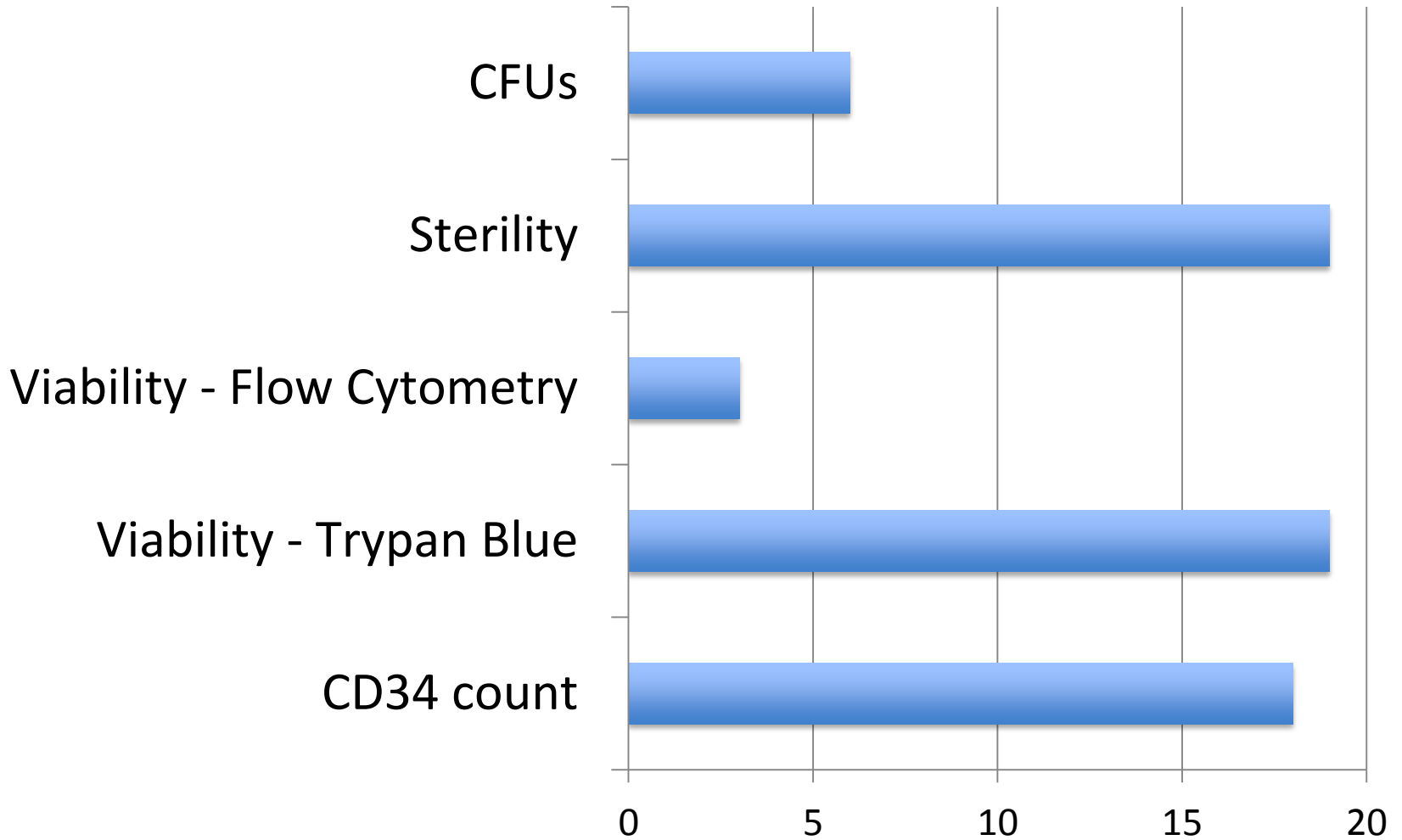
Purging in vitro

Other methods

Stem cell collections

- ✓ Apheresis
- ✓ Bone marrow collections
- Cord blood collections – only CBBanks

Quality control

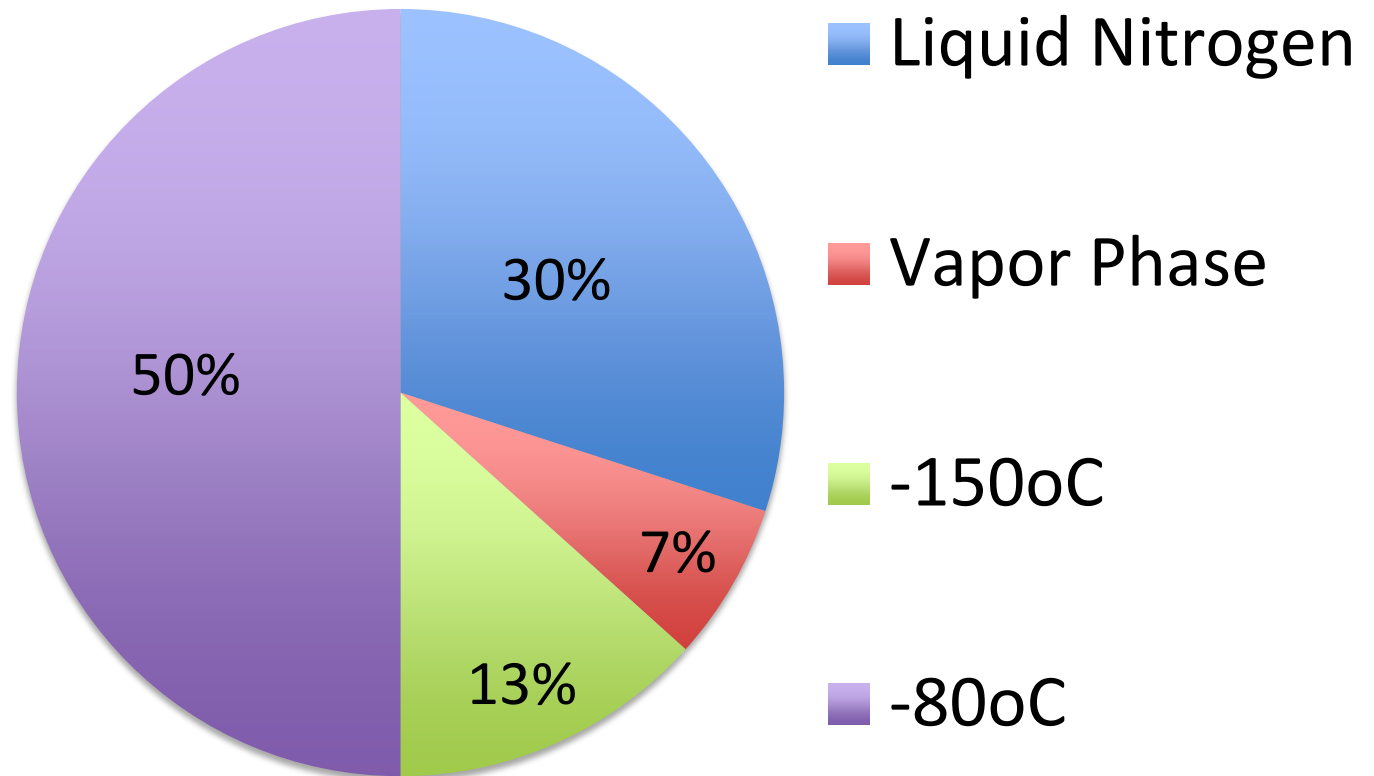


Freezers

- -80oC
- Liquid nitrogen

Freezers

- -80oC
- Liquid nitrogen



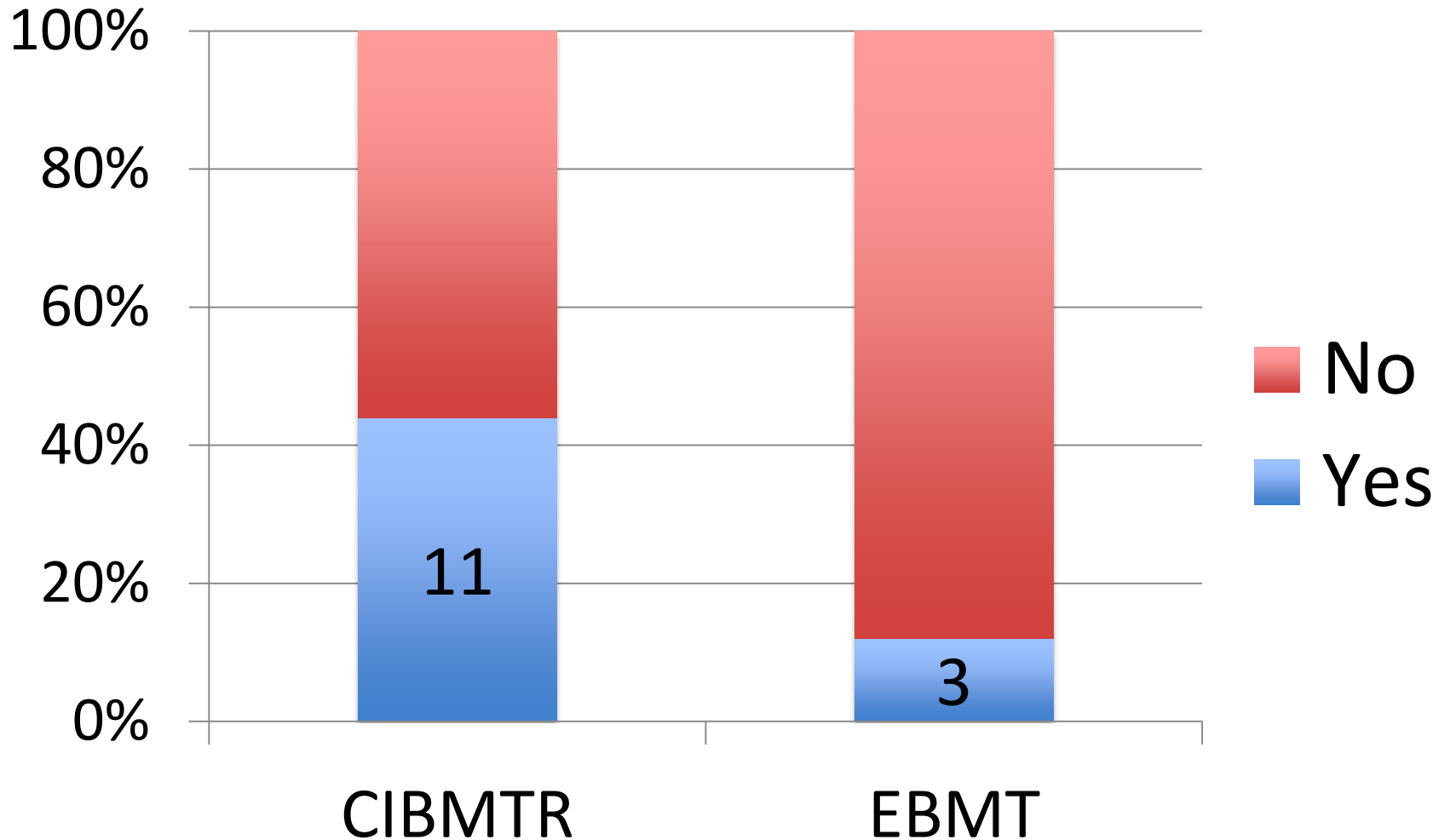
Freezers

- Back-up systems
- Remote alarms
- Energy stability

Accreditation

- ✓ 15/22 answers
 - 6 ONA
 - 5 Iso
 - 3 Joint Comission
 - 3 ABHH
 - 1 IQG - Instituto Qualisa de Gestão
 - 1 FACT
- ✓ Quality management systems

Outcomes database reporting



HCT infrastructure



- ✓ Brazilian Survey
 - Dr. Luis Fernando Bouzas
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 - LABMT
 - September 2013



Atualizar LABMT

Página Inicial Meus questionários Serviços de questionário Planos e preços

+ Criar questionário

Você tem uma conta BASIC | Para remover os limites de uma conta BASIC e obter questões ilimitadas, atualize agora!

Survey of Graft Processing Across Latin America - What is available?

ONG

Criar questionário

Coletar respostas

Analisar resultados

A seguir, há uma lista dos coletores que está usando no momento para coletar respostas. Para exibir os detalhes ou alterar as propriedades de um coletor existente, basta clicar no nome do mesmo. Para coletar mais respostas a este questionário, de outro grupo de pessoas, clique em "Adicionar novo coletor".

+ Adicionar coletor

| Nome do coletor (método) | Status | Respostas | Data da modificação | Ações |
|---|----------|---------------|-----------------------------|---|
| LABMT (Convite por email) | ● ABERTO | 8 resposta(s) | 27 de setembro de 2013 7:52 | Editar Limpar Excluir |
| Web Link (Link da Web) | ● ABERTO | 0 resposta(s) | 19 de setembro de 2013 6:08 | Editar Limpar Excluir |



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Criar questionário

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Resumo

Destinatários

Mensagens

Alterar configurações

Alterar restrições

Fechar o coletor agora

LABMT [Editar](#)

STATUS: **ABERTO**

Resumo

Destinatários

TOTAL 44

Enviado 44

Não respondido **36** [Send Reminder Email](#)

Respondido **8**
Parcial / Completo 0 / 8

Com opt out **0**
Retornado **2**

Não enviado 0

[Exibir destinatários](#)

Mensagens

TOTAL 3

Rascunhos 0

Agendado 0

Em andamento 0

Enviado por email 3

[Exibir mensagens](#)

Who have responded the survey?

| Name | Hospital | Service | University | Country |
|-----------------------------|--|---------|--|-----------|
| Gregorio Jaimovich | Sanatorio Anchorena | Private | None | Argentina |
| Gregorio Jaimovich | Fundación Favalaro | NGO | Favaloro University | Argentina |
| Virginia Abello Polo | Clínica de Marly | Private | None | Colombia |
| David Gómez-Almaguer | H.U. "José E. González" | Public | U. Autónoma de Nuevo León | México |
| Alberto Olaya | Instituto Nacional de Pediatría | Public | U. Nacional Autónoma de México | México |
| Guillermo J, Ruiz-Arguelles | Centro de Hematología y Medicina Interna | Private | U. Popular Autonoma del Estado de Puebla | México |
| Antonio Carrasco | Almenara - Lima | Public | None | Peru |
| Francisco Ramirez Osio | Hospital de Clinicas Caracas | Private | None | Venezuela |

How many professionals work with Cell Processing?

Respondidas: 8 Ignoradas: 0

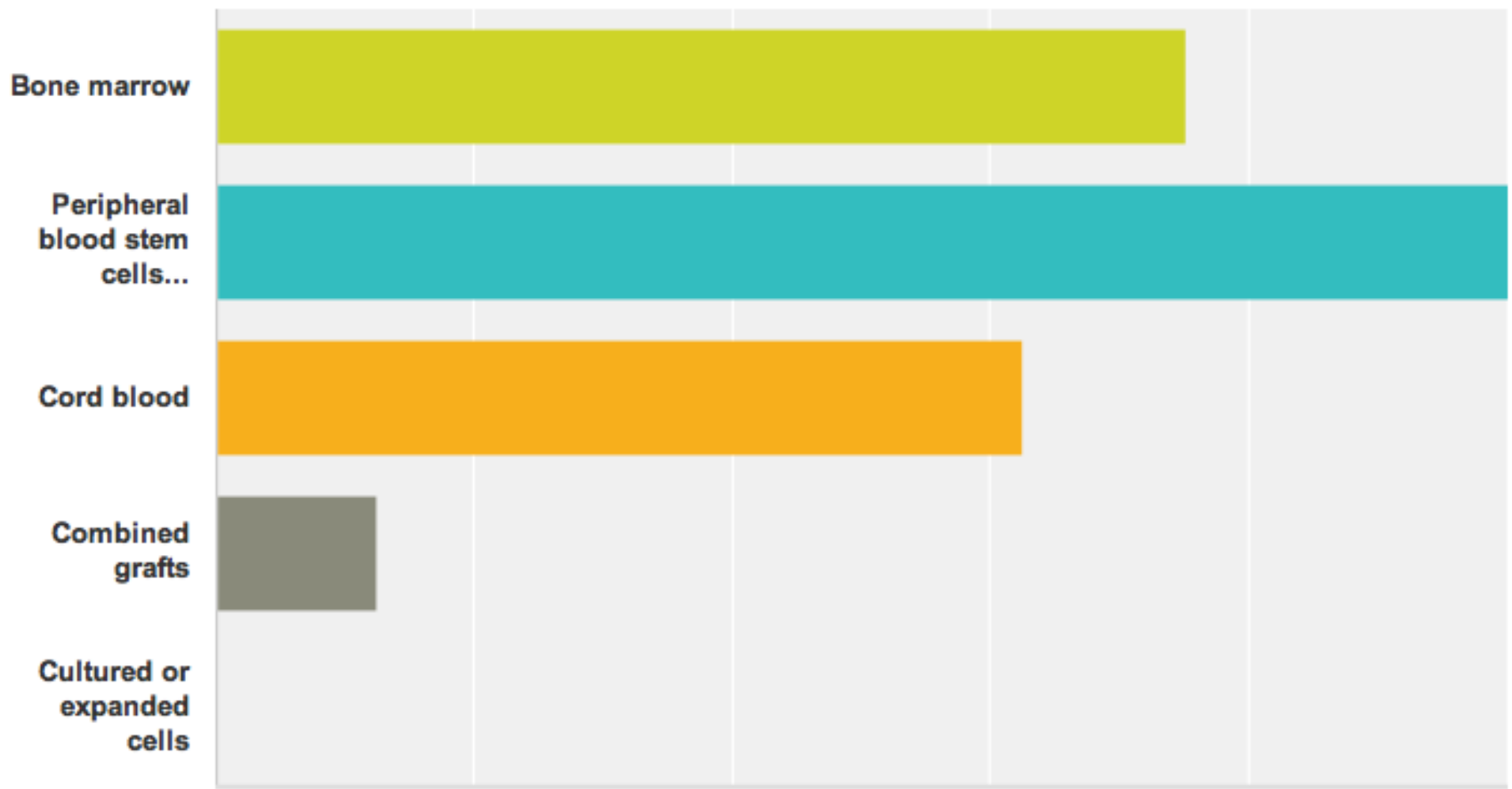
| Opções de resposta | | Respostas | |
|--------------------------|-----------|-----------|---|
| Physicians | Respostas | 100% | 8 |
| Nurses | Respostas | 62,50% | 5 |
| Biologists | Respostas | 50% | 4 |
| Pharmacists | Respostas | 37,50% | 3 |
| Technicians | Respostas | 75% | 6 |
| Administrative personnel | Respostas | 62,50% | 5 |
| Others (please specify) | Respostas | 25% | 2 |

Which types of transplants are performed in the service? (please mark all that apply)

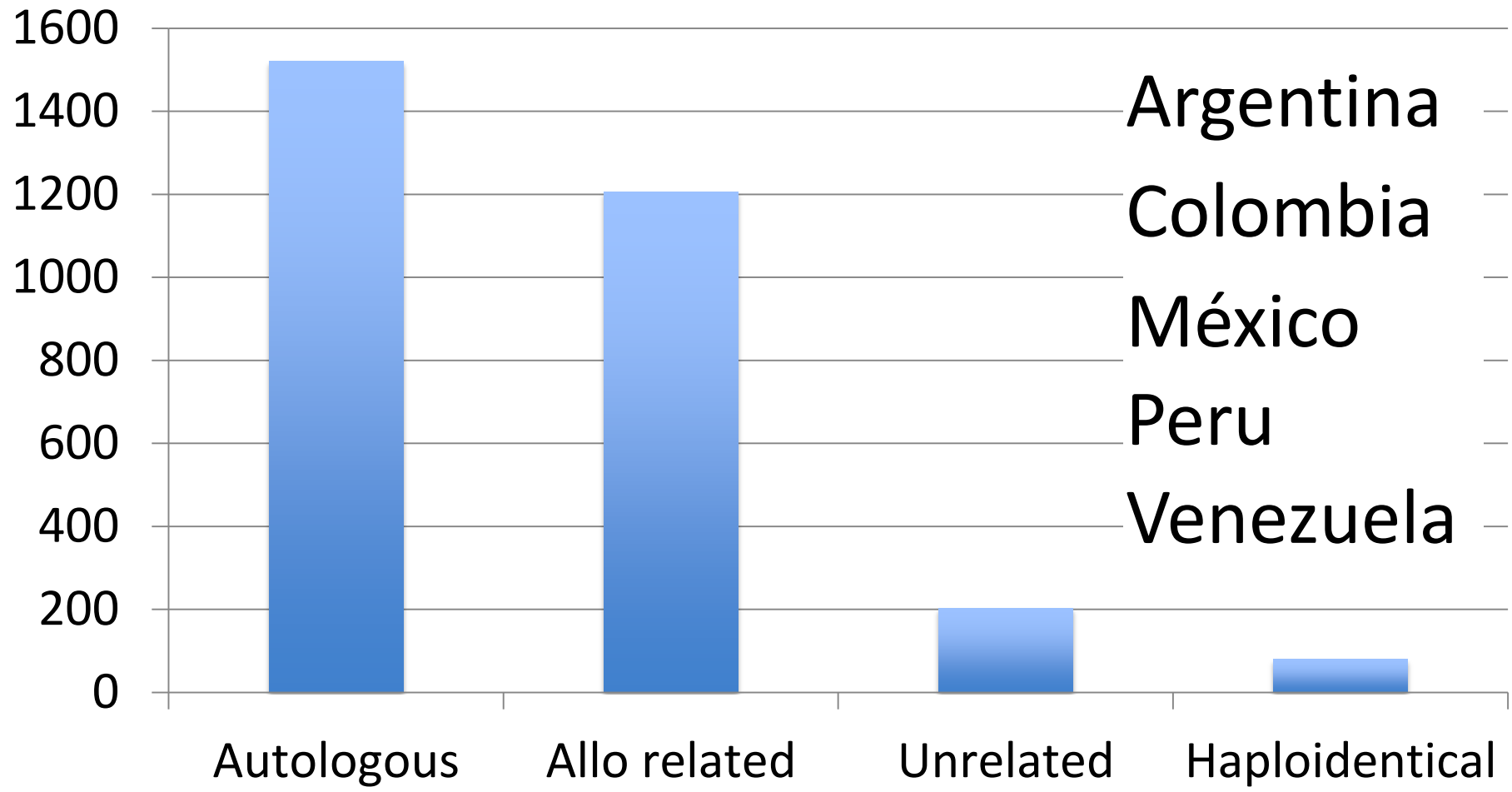
| | | |
|---|---------------|----------|
| Autologous | 100% | 8 |
| Syngeneic | 87,50% | 7 |
| Allogeneic related | 87,50% | 7 |
| Allogeneic unrelated | 62,50% | 5 |
| Haploidentical | 50% | 4 |
| Donor leukocyte infusions | 62,50% | 5 |
| Cell therapy (not hematopoietic transplant-related) with marrow buffy coat | 12,50% | 1 |
| Cell therapy (not hematopoietic transplant-related) with peripheral blood | 12,50% | 1 |
| Cell therapy (not hematopoietic transplant-related) with mesenchymal cells | 0% | 0 |
| Other cell therapies | 0% | 0 |

Which types of grafts are used in the service ? (please mark all that apply)

Respondidas: 8 Ignoradas: 0



How many transplants have been performed in the service until now (total)?

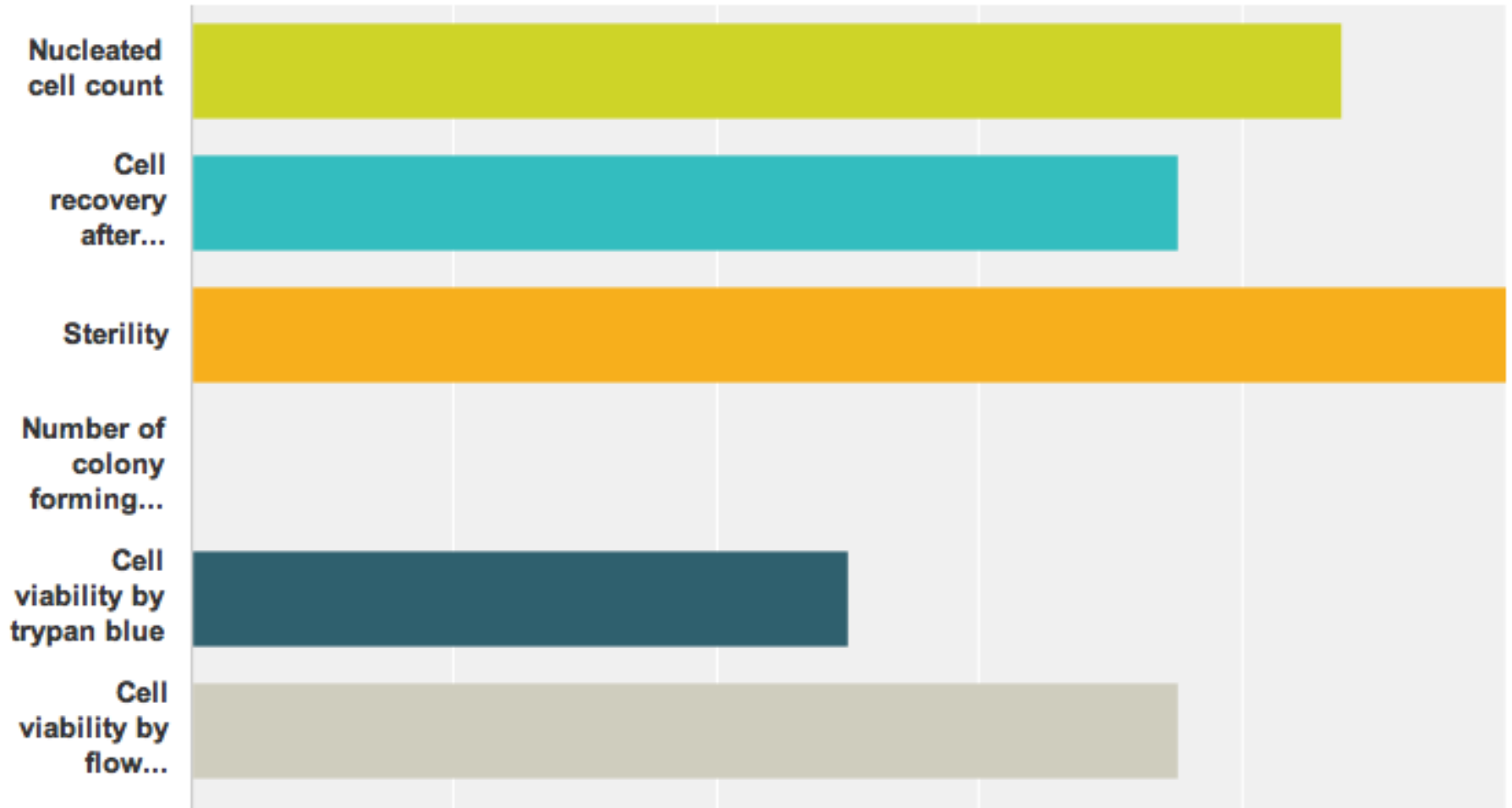


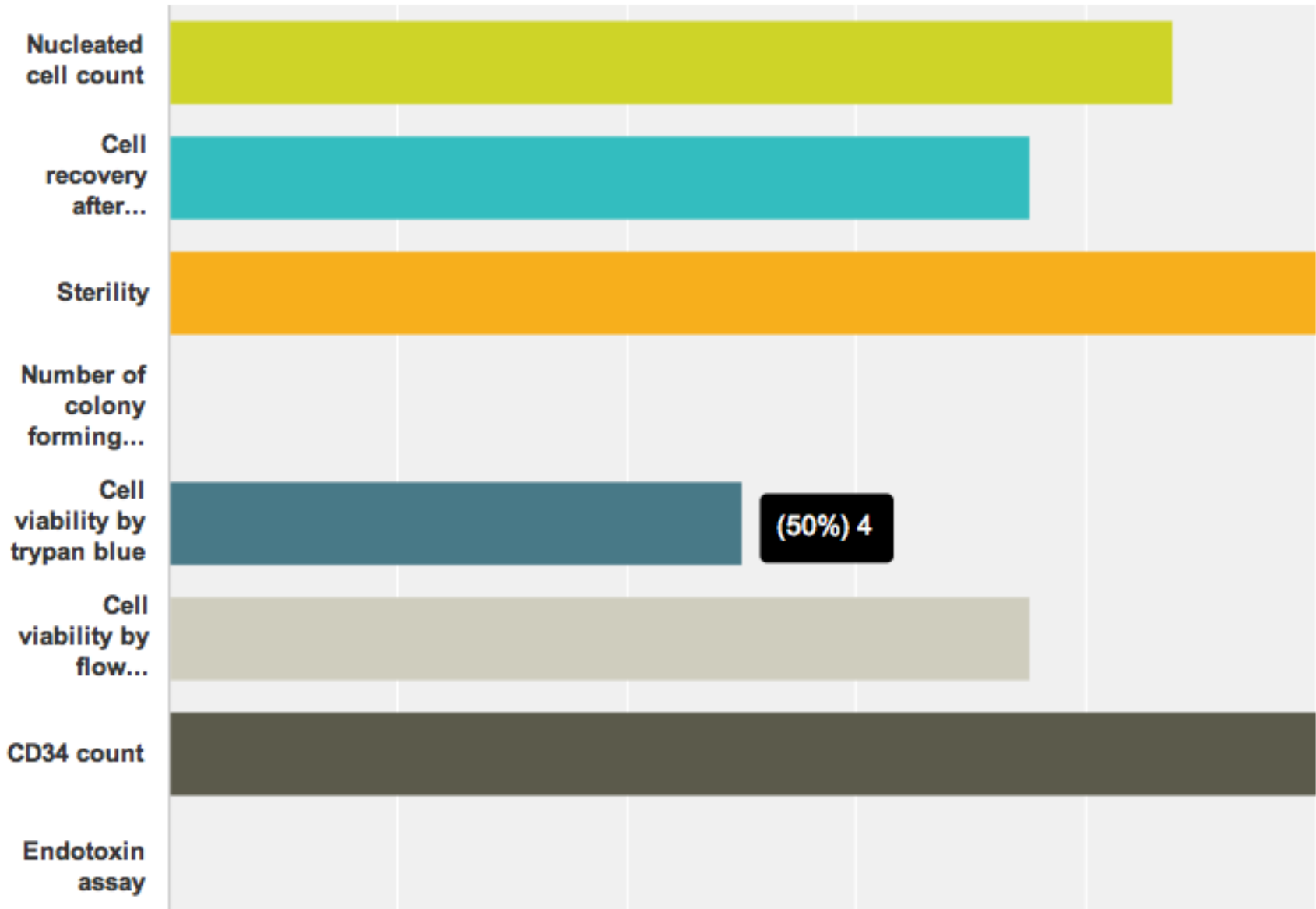
Which procedures are performed in the Laboratory?

| | | |
|--|---------------|----------|
| Centrifugation/ inverted centrifugation to prepare a buffy coat | 100% | 8 |
| Centrifugation with hydroxyethyl starch | 25% | 2 |
| Sedimentation with hydroxyethyl starch | 50% | 4 |
| Plasma extraction | 87,50% | 7 |
| Immunomagnetic selection | 25% | 2 |
| T-cell depletion | 25% | 2 |
| In vitro purging to remove tumor cells | 12,50% | 1 |
| Freezing cells in a mechanical freezer | 50% | 4 |
| Freezing cells in a controlled-rate freezer | 50% | 4 |
| Thawing cells in the laboratory | 50% | 4 |
| Thawing cells at bedside | 50% | 4 |
| Washing cells to remove DMSO | 50% | 4 |

Which quality control does the Laboratory routinely use?

Respondidas: 8 Ignoradas: 0





Supplies and Equipment that are available

| | | |
|--|---------------|----------|
| Infra-structure: Cells are prepared in the Blood Bank | 50% | 4 |
| There is a separate Cell Processing Laboratory | 62,50% | 5 |
| There is a certified clean room available | 37,50% | 3 |
| Supplies: DMSO | 87,50% | 7 |
| Hydroxyethyl starch | 37,50% | 3 |
| Autologous plasma | 62,50% | 5 |
| Cell culture media | 37,50% | 3 |
| Equipment: Centrifuge for bags | 75% | 6 |
| Centrifuge for tubes | 50% | 4 |
| Temperature-controlled centrifuge | 75% | 6 |
| Laminar flow hood (cabinet) for cell preparation | 100% | 8 |
| Controlled-rate freezing chamber | 50% | 4 |
| Liquid nitrogen tank | 62,50% | 5 |
| Vapor-phase nitrogen tank | 50% | 4 |
| Mechanical freezer -20oC | 12,50% | 1 |
| Mechanical freezer -80oC | 50% | 4 |

Supplies and Equipment that are available

| | | |
|--|---------------|----------|
| Mechanical freezer -80oC | 50% | 4 |
| Mechanical freezer below -135oC | 12,50% | 1 |
| Back-up system for power failure | 75% | 6 |
| Back-up system for failure in the mechanical freezers (CO2 or Nitrogen) | 25% | 2 |
| Refrigerator for cell products | 75% | 6 |
| Water bath | 87,50% | 7 |
| CO2 Incubator | 37,50% | 3 |
| Thermometer for the water bath | 87,50% | 7 |
| Thermometer for the refrigerators | 87,50% | 7 |
| Thermometer for the freezers | 75% | 6 |
| Automatic temperature registration | 37,50% | 3 |
| Oxygen monitor for the laboratory environment | 12,50% | 1 |
| Alarms that will beep outside the laboratory in case of any failure in the freezers | 37,50% | 3 |
| Hard box with temperature monitoring for transportation of cell products | 37,50% | 3 |
| Dry shipper to transport frozen cells | 62,50% | 5 |

Total de questionados: 8

Does the Hospital have any formal accreditation? Which?

Respondidas: 7 Ignoradas: 1

 Respostas (7)

 Análise de texto

 Minhas categorias

Categorizar como... ▾

Filtrar por categoria ▾

Respostas de pesqu

Mostrando 7 selecionadas

ISO15189

27/09/2013 11:52

[Ver respostas do questionado](#)

No

26/09/2013 16:51

[Ver respostas do questionado](#)

We are getting ready for the get the certification by NMDP and FACT

25/09/2013 02:28

[Ver respostas do questionado](#)

no

19/09/2013 21:54

[Ver respostas do questionado](#)

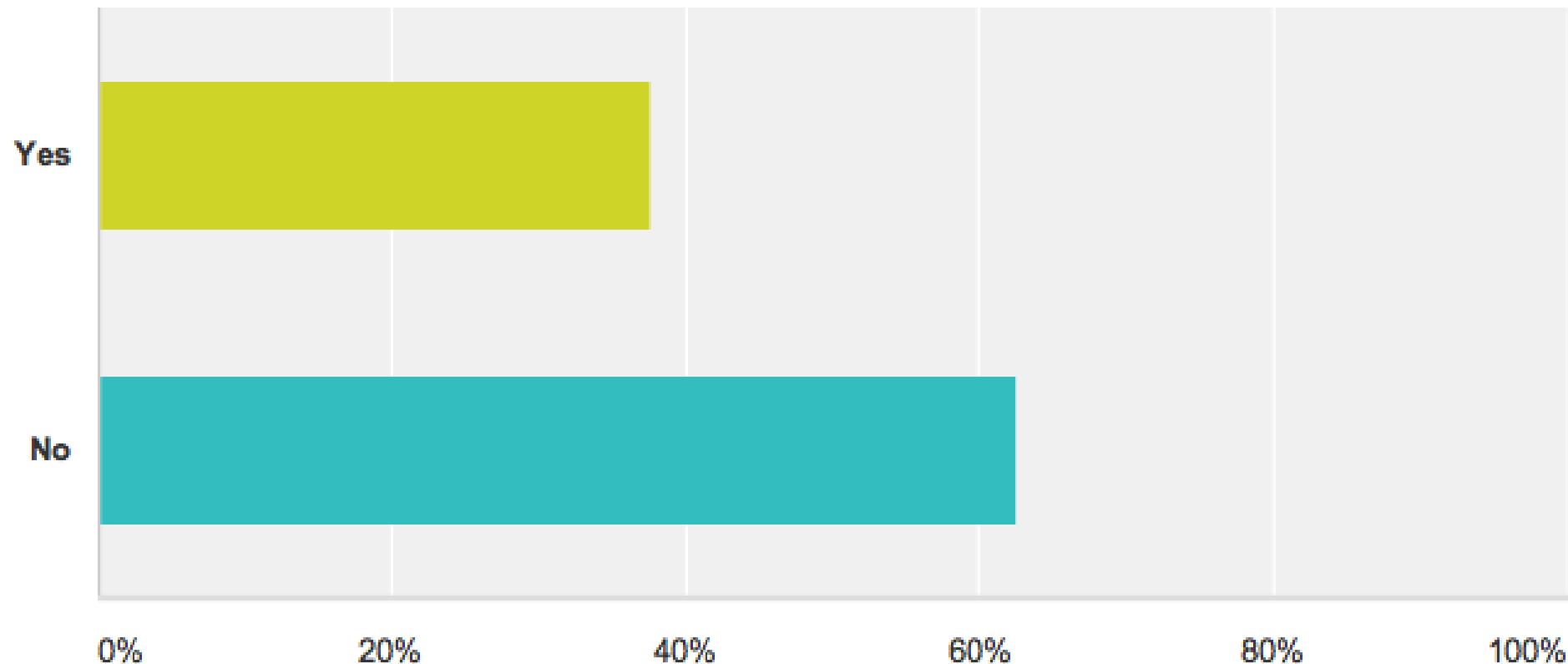
none

19/09/2013 20:58

[Ver respostas do questionado](#)

Is there a formal quality management plan for Cell Processing?

Respondidas: 8 Ignoradas: 0



Assunto: Re: Survey of Graft Processing in Latin America to the Symposium of WBMT

Data: 30.09.2013 13:01

De: ERNESTO ALFREDO FANILLA MAYTA <erfanilla@yahoo.com>

Para: LABMT <labmt@sbtmo.org.br>

Hola Adriana. El sistema no me funciona.
Me inscribí pero no pude introducir los datos.

INSTITUTO ONCOLOGICO NACIONAL
PANAMA
Periodo 2001-2013

| | Total | PBSC | Bone Marrow | PBSC/BM |
|------------------------|-------|------|-------------|---------|
| Trasplante Autologos | 114 | 113 | 1 | 0 |
| Trasplantes Alogenicos | 47 | 9 | 36 | 2 |
| Total | 161 | | | |

Si necesitas alguna otra información quedo a tus ordenes.

Saludos

Dr.Fanilla

Thank you!

- Luis Bouzas & SBTMO & HCT Brazilian Centers
- Gregorio Jaimovich
- Virginia Abello Polo
- David Gómez-Almaguer
- Alberto Olaya
- Guillermo J Ruiz-Arguelles
- Antonio Carrasco
- Francisco Ramirez Osio
- Ernesto Fanilla Maya