

# Bone Marrow Registry in Nigeria: Update



[www.bonemarrownigeria.org](http://www.bonemarrownigeria.org)

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# The Reality

- HSCT can treat over 70 different potentially fatal diseases.
- For many patients, a marrow transplant is the only treatment option that provides a cure for several benign and malignant haematological disorders as well as several life-threatening non-haematological disorders
- Each day, thousands of people are waiting for a potentially lifesaving bone marrow transplant

# The Great Challenge

- 70% percent of transplant candidates require unrelated donors
- Western bone marrow registries have a paucity of matching volunteer donors of Nigerian/African origin.
- Whereas 60-80% of Caucasian patients find perfect matches, only <20% of ethnic minorities ever succeed.
- People of African descent are more genetically diverse than Caucasians, making it more difficult to find perfect bone marrow matches

Reisner Y *et al* Blood 2011; 118 (23): 6006-6017

# The Birth of BMRN



- The Bone Marrow Registry in Nigeria (“BMRN”) was launched on February 24, 2012 in Enugu
- Our mission is to improve the odds of finding an HLA-compatible donor for patients in need all over the world. We also seek to build an Umbilical Cord Blood Bank

# 26% Y-o-Y growth



- 2013: 276 donors on the Registry
- 2014: 347 donors (71 New Donors)

# Search Requests and the Outcomes:

Total Number of Patients: 41

Potential Matches Found: 17

Countries	Number of Requests
Nigeria	12 (29%)
India	6
USA	4
Italy	6
Egypt	2
Germany	3
South Africa, Dubai, France, Kuwait, China, Singapore. Toronto, Unknown	1 each (8)
TOTAL	41

# Update on the BMRN:

## Analysis of the 17 Potential Matches

(12 of them, ~71%, were for Nigerian pts)

Countries	Number of Matches
Nigeria	7
India	2
USA	3 (all Nigerian pts)
Italy	2 (both Nigerian pts)
Egypt	1
Germany	2
TOTAL	17



# Bone Marrow Registry in Nigeria

## Welcome to the Bone Marrow Registry in Ni

### Donate Now!

Donate



The launch of this registry is a milestone step in the country's efforts to treat cancer patients throughout Africa and the world. By helping patients find a bone marrow match, the BMRN will make it possible for them to access life-saving treatment.

Become a donor today...and you could save a life!

Learn about the importance of bone marrow donation:

Being Alive is Beautiful share More info

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Meet Our Staff

Get Involved

Become a Donor

Frequently Asked Questions



**For more information:**

[www.bonemarrownigeria.org](http://www.bonemarrownigeria.org)

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