

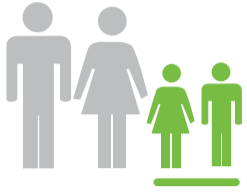
# EXPANDING THE FIELD


Transplants using donors who are only half-matched give more options for finding a stem cell donor.

For many lymphoma patients, a stem cell transplant from a donor may be a life-saving treatment. Today, these patients have several options for finding a suitable match.

## THE CHALLENGE OF FINDING A COMPLETE MATCH

There are two types of fully matched donors:

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Family members – siblings only
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National registry

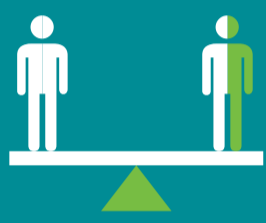


Nationally 35-40% of people who need a transplant can't find a match.



## HALF-MATCHED TRANSPLANTS OPEN NEW POSSIBILITIES

When a fully matched donor is unavailable, successful transplantation may be performed from a half-match donor.



## PROVEN JUST AS EFFECTIVE AS FULL MATCH

A recent study led by Dr. Nilanjan Ghosh at Levine Cancer Institute confirmed similar efficacy between half-matched and fully matched sibling-donor transplants. The study also showed post-transplant treatment with cyclophosphamide resulted in a lower incidence of chronic graft versus host disease in half-matched transplants.

### NO MAJOR DIFFERENCES IN:



Probability of patients living three years after transplant

HALF MATCH

61%

FULL MATCH

62%

(overall survival)



Rate of patients dying for reasons other than lymphoma

15%

13%

(3-year nonrelapse mortality)



Probability of disease returning

37%

40%

(3-year relapse/disease progression)

## LOWER RISK OF CHRONIC GRAFT VS. HOST DISEASE

Half-matched patients underwent post-transplant chemotherapy with cyclophosphamide.

12%

half-matched

VS.

45%

fully matched sibling-donor



EASIER TO FIND A DONOR



Donors may be a child, parent or sibling. Fully matched relative donors can only be siblings.



Helps bypass the time-consuming and expensive registry process.

## LEVINE CANCER INSTITUTE HAS EXPERTISE IN HALF-MATCHED TRANSPLANTS



Dedicated blood and bone marrow transplant unit



13 transplant physicians, trained at the nation's leading transplant centers



Our first stem cell transplant was performed using a half-matched donor



Carolinas HealthCare System  
Levine Cancer Institute



Talk with your physician about the treatment options available to you.  
Call 704-512-2373 to schedule an appointment with a Levine Cancer Institute expert.