

# Top 10 Research Priorities PAEDIATRIC HSCT

1

How can a personalised approach to treatment and medication (e.g. genetic testing) reduce adverse effects and improve recovery and outcomes for children needing a bone marrow transplant?



2

How can treatment related toxicities best be predicted and reduced in children undergoing a bone marrow transplant?



3

What are the most effective ways to prevent, identify and treat GvHD in children after a bone marrow transplant?

4

How can a child's immune function be restored more rapidly following a bone marrow transplantation?



5

What is the role of a diverse intestinal microbiome in bone marrow transplant outcomes, and how can this diversity be achieved?

6

What are the psychological concerns and needs of patients and families at different times during a bone marrow transplant?

7

Sometimes, transplanted bone marrow doesn't work properly. How do you improve its function or manage graft failure?

8

What are the necessary infection prevention and isolation measures during a bone marrow transplant?

9

What are the best exercises for children to maintain muscle and manage fatigue. How can these be used by transplant patients?

10

How does a bone marrow transplant impact cognition, memory and the way you think, and can this be improved or prevented?

