Soout 766 Salemia
by Dr. Androulla Eleptherion



Thalassaemia Cartoon for Young Children

ALL ABOUT THALASSAEMIA

By Dr Androulla Eleftheriou

Thalassaemia International Federation 2011

ISBN: 978-9963-623-95-2

All right reserved.

No part of this book may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, microfilming, recording, or otherwise, without written permission from TIF.

Author: Dr Androulla Eleftheriou

Ilustration and Art Direction:

Maria Pavlou www.behance.net/mariapavlou www.mariapavlou.com m_pavlou@hotmail.com

Director:

Nicholas Demetriou nicholas@mediastudios.com.cy

Media Studios

1 Mykonou street 1066 Nicosia Cyprus www.mediastudios.com.cy

Printed in Nicosia, Cyprus

© February 2011

Published by Thalassaemia International Federation

ALL ABOUT THALASSAEMIA
By Dr Androulla Eleftheriou
We thank the following:
Dr Michael Angastiniotis, TIF medical advisor, for his recommendations Mrs. Andrea Ioannou, Learning Support Co-ordinator of The Junior School Nicosia, for undertaking the pilot study The administration, staff and students of The Junior School Nicosia, for their support and comments

Dedication

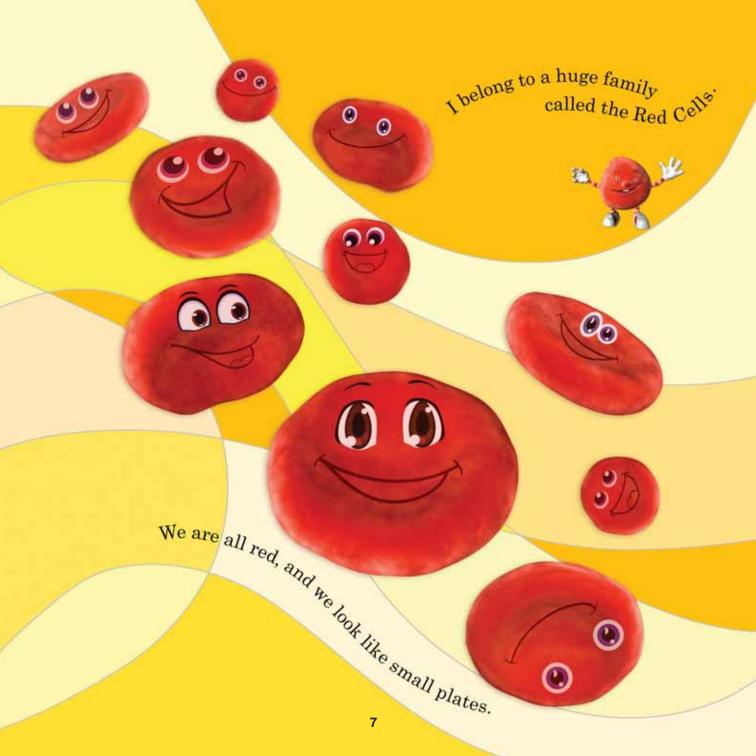
We dedicate this book to all the children in the world born with thalassaemia – to their indomitable will to survive, their inspiring fight against the disease, their beautiful dreams of a good life and a bright future – with our heartfelt and sincere wishes for a long, healthy, and above all happy life.

Thalassaemia International Federation

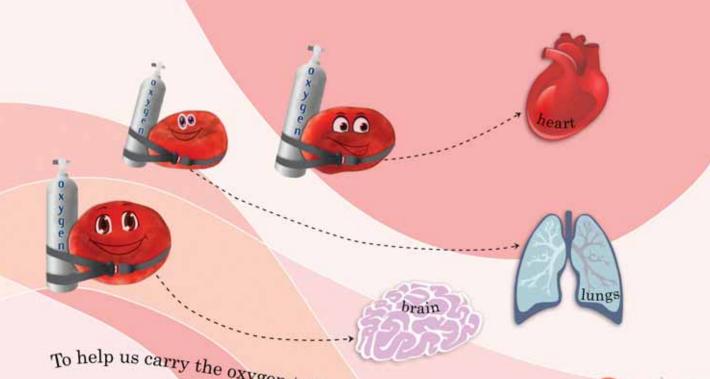
Hello! I am H_{arry} and I_{am} your friend a tiny friend that lives in the



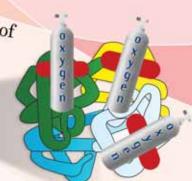








we each have our own little helper, called haemoglobin (hee-mo-glo-bin), and each one of us, the Red Cells, contains a lot of



Haemoglobin block

My family - the Red Cells - is not alone in blood! Another three families of friends are floating around.

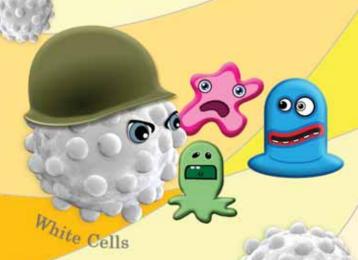
The White Cells family, the Platelets family and the $Plasma\ family$. We all have different jobs to do, and we also look different! But we are all working together to keep

Red Cells 00 00

Your body healthy and strong.

White Cells

Our friends, the White Cells, are wibbly, wobbly and white. They act like little soldiers, fighting off germs to keep you healthy.



Platelets

Our friends in the Platelet family look like tiny eggs. If you hurt yourself, they gather and stick together like building blocks to help stop you bleeding.

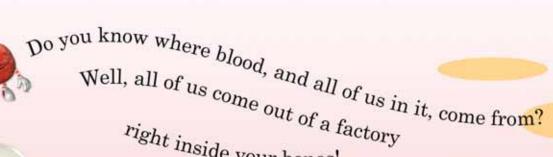


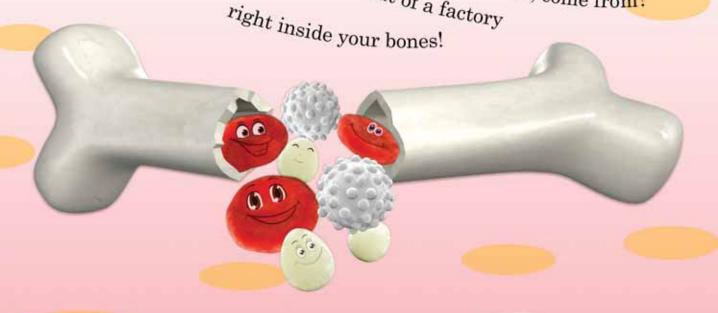
Plasma

And our friend, the Plasma, is the yellow, watery stuff that all of us float in. and our friend.

It also carries many nutrients that your body uses to keep you healthy and strong.

plasma plasma





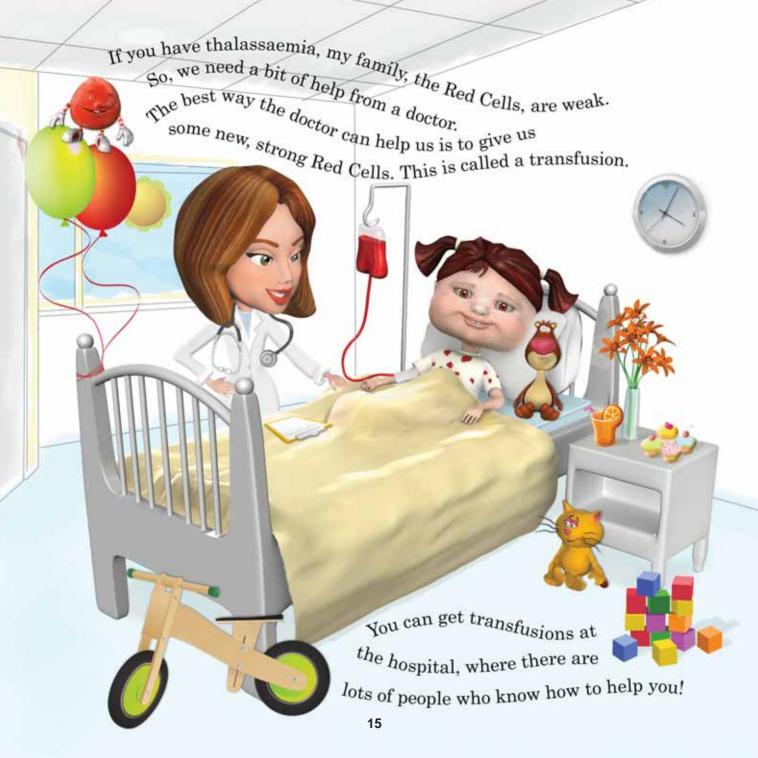
But sometimes there is a problem at the factory, and it can't make Red Cells with the right helper - the haemoglobin - inside.

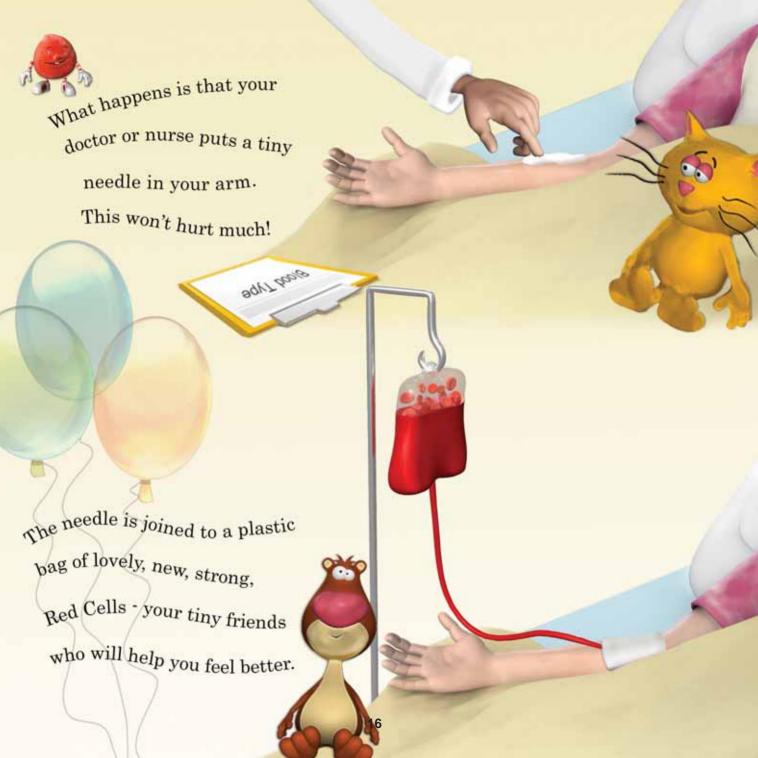




 $L_{ot_{S}}$ of children around the world have thalassaemia.

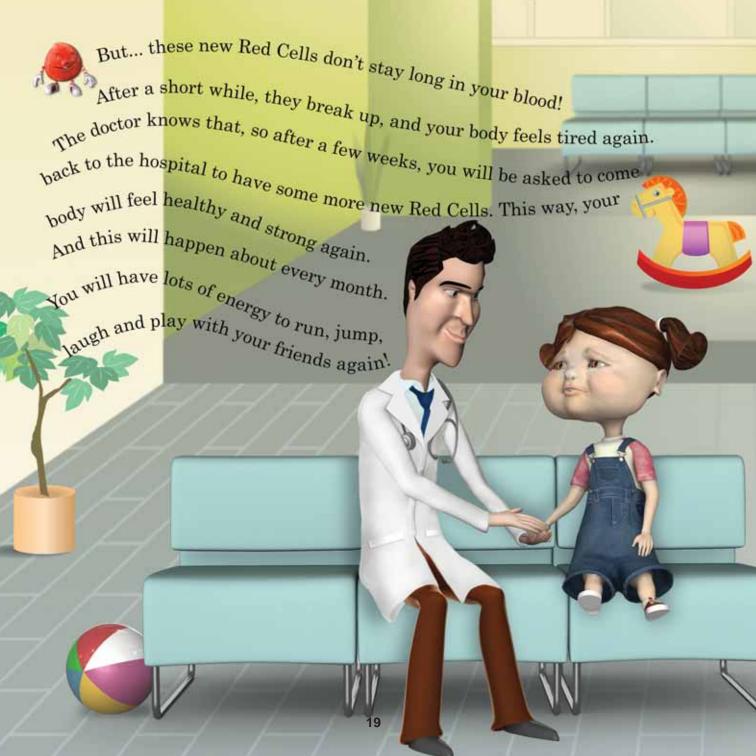














Haemoglobin block

All of these new Red Cells are a great help.

But your body needs some extra help.

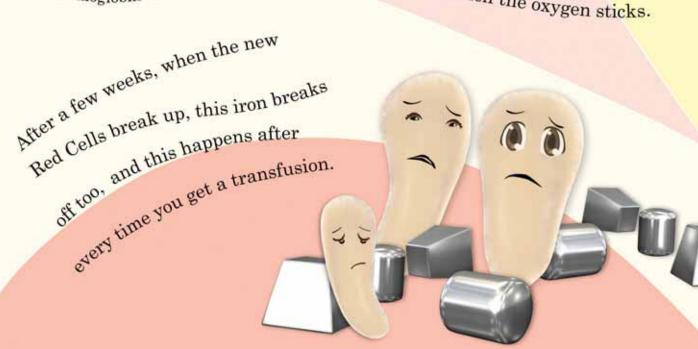
Do you remember Haemoglobin, our

friend that helps us - the Red Cells -

carry oxygen around your body?

Well, it does so because it has iron bound

to it, a special stuff on which the oxygen sticks.



All that extra iron that comes out when the Red Cells break up

finds a place inside your body to sit and stay.

That can make it difficult for your body to work properly.





Your skin then $becomes\ darker$, you feel weak

and don't grow properly. So, now you need help to take the extra iron out of your body.



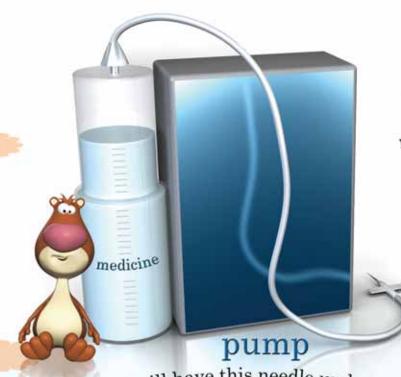


Your doctor knows about it, and he or she will give you

some special medicine that picks up these pieces of extra iron,

like a magnet, and carries the extra iron out of your body

when you go to the toilet. This is called iron chelation.



There are different kinds of medicine that can take out the extra iron from your body.

To use one of these medicines, you will need the help of a needle and a pump!

and you will have this needle under your skin for many hours every

day or night. This is not always very comfortable. But once you get used to it, you will feel better and better. You may wear your pump while you sleep or wherever you are - in the playground, at school, at home or at a friend's house. Like me, the pump is a good friend of yours!



W.

Whichever medicine your doctor gives you, your mum and dad will help you to take it properly until you grow up and learn to do it yourself! Your body absolutely needs the medicine to stay healthy.

And don't forget, you are not alone! You have lots of love from your parents and family, lots of care from your doctors and nurses,



Now you know all about us, the Red Cells, our other friends in the blood, and about thalassaemia. You can share all this with other kids who also have thalassaemia like you, or who want to



About the Publishers:

THALASSAEMIA INTERNATIONAL FEDERATION

Thalassaemia International Federation (TIF) is a non-profit, non-governmental, patient-driven organisation founded in 1986 with headquarters in Nicosia, Cyprus. TIF's mission is to secure equal access to quality health care for every patient with thalassaemia across the world. TIF has been working in official relations with the World Health Organisation (WHO) since 1996, and its educational programme includes a wide range of publications, workshops and conferences at local and international levels for patients, carers, health professionals, and the general public.

This book has been created with a lot of love for the children with thalassaemia who need to understand their condition, accept it, and draw strength from this knowledge to build a better future for themselves.



1 liked this book because if you have Thalassaemia you can know what to do.



Hiked this book because I learnt lots of new things about my body.

I liked it so much because it was about our body and now that I heard the story I know everything about our blood.







I loved the illustrations. I learned that your red cells are produced in your bone marrow. I think the book was extremely interesting.



***** The best of all is that it was not flction. It is easy to read too.

I like the story because I learned and the doctors helped the children.



Comments from the young students who read the book

ISBN: 978-9963-623-95-2