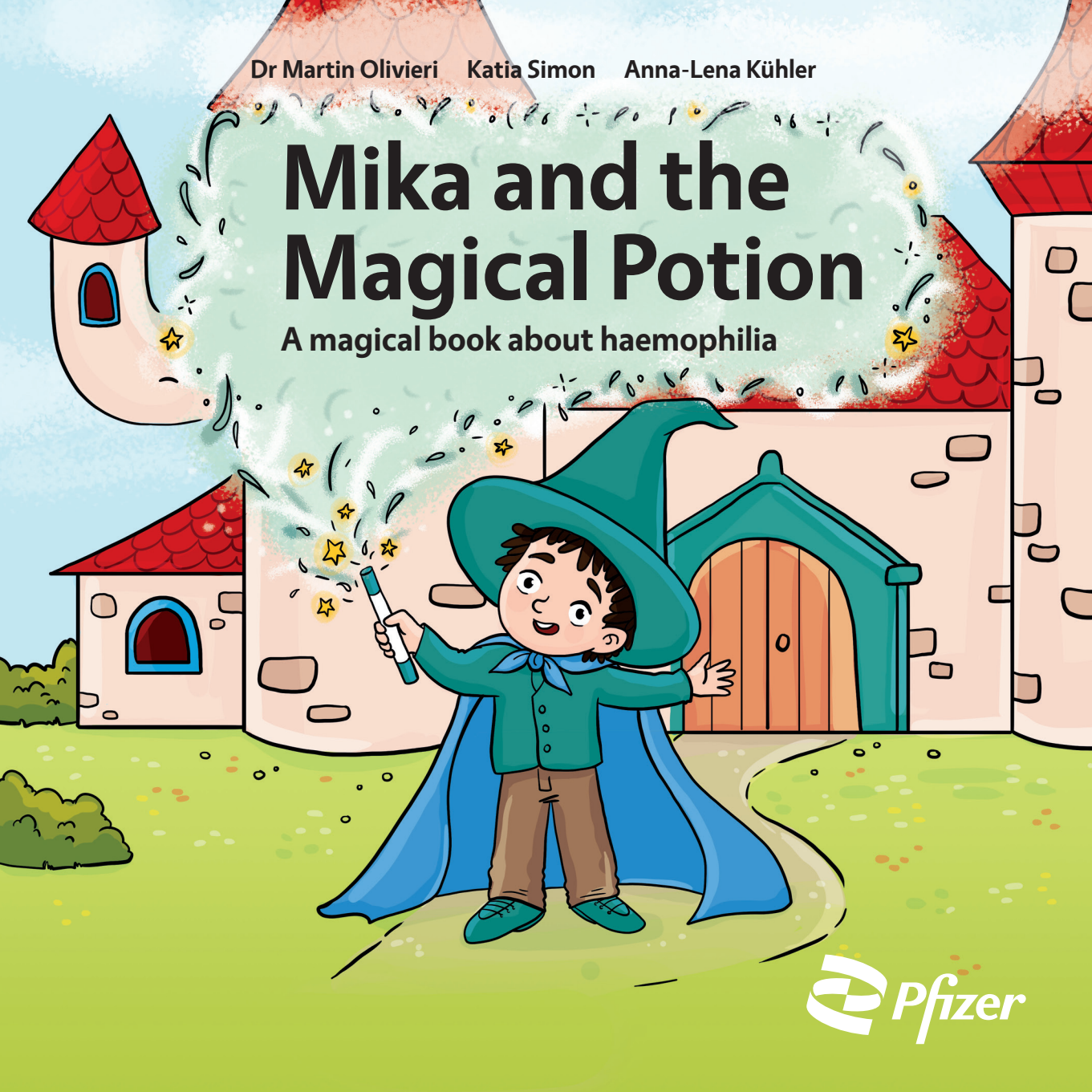


Dr Martin Olivieri Katia Simon Anna-Lena Kühler

Mika and the Magical Potion

A magical book about haemophilia



Dear readers,

You have in your hands an unusual children's book. The story of Mika, the little student wizard, is about much more than just the brewing of a magical potion. Mika is a child who lives with the blood disease haemophilia.

Although haemophilia cannot yet be cured and people with the disease have to live with it forever, they can live an almost normal life thanks to effective treatments. Even haemophiliac children can play and lark around with other children to their heart's content. It goes without saying, however, that children with the condition as well as their friends have to practise a little caution and care. We would like to encourage you to convey a positive attitude regarding this chronic disease even to young children (whether to haemophiliac children themselves or to the children they play with).

As a paediatrician who treats haemophilia, I heartily recommend this book to you, as it conveys a complex medical picture in a playful way that's suitable for children.

We hope you and your little ones have a lot of fun with Mika!

With kind regards,

Dr Martin Olivieri and the Pfizer Haemophilia Team

Specialist in Paediatric and
Adolescent Medicine, Emergency Medicine and
Haemostaseology
Munich University Hospital

The little student wizard Mika and his friends Leonie and Ben are racing on their bicycles to get to the fishpond first. They are going fast round the bends on the path.

Mika is overtaking Leonie, and that's when it happens.

As he is cycling through a puddle, Mika's bicycle skids and he falls off, hurting his knee.

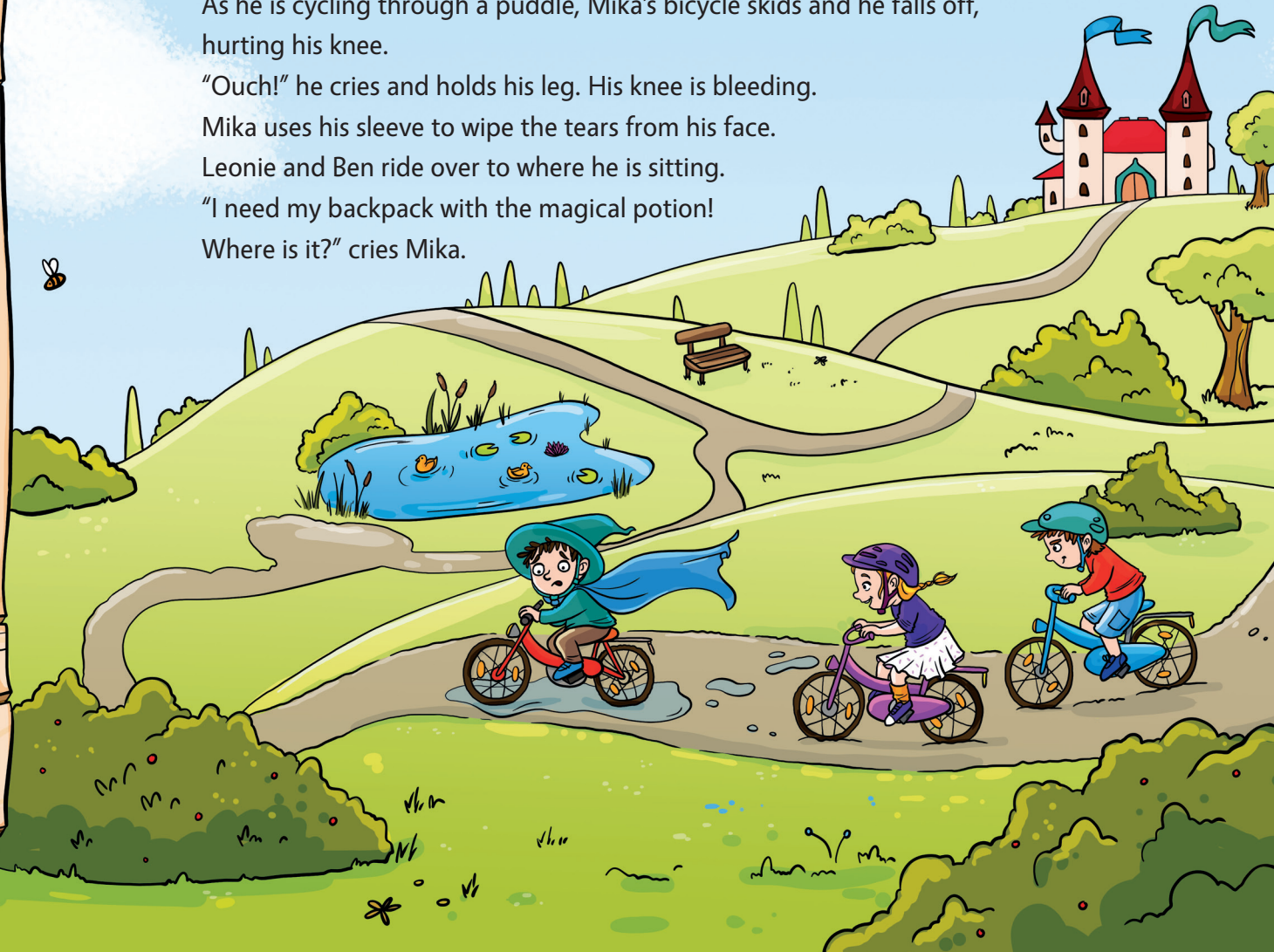
"Ouch!" he cries and holds his leg. His knee is bleeding.

Mika uses his sleeve to wipe the tears from his face.

Leonie and Ben ride over to where he is sitting.

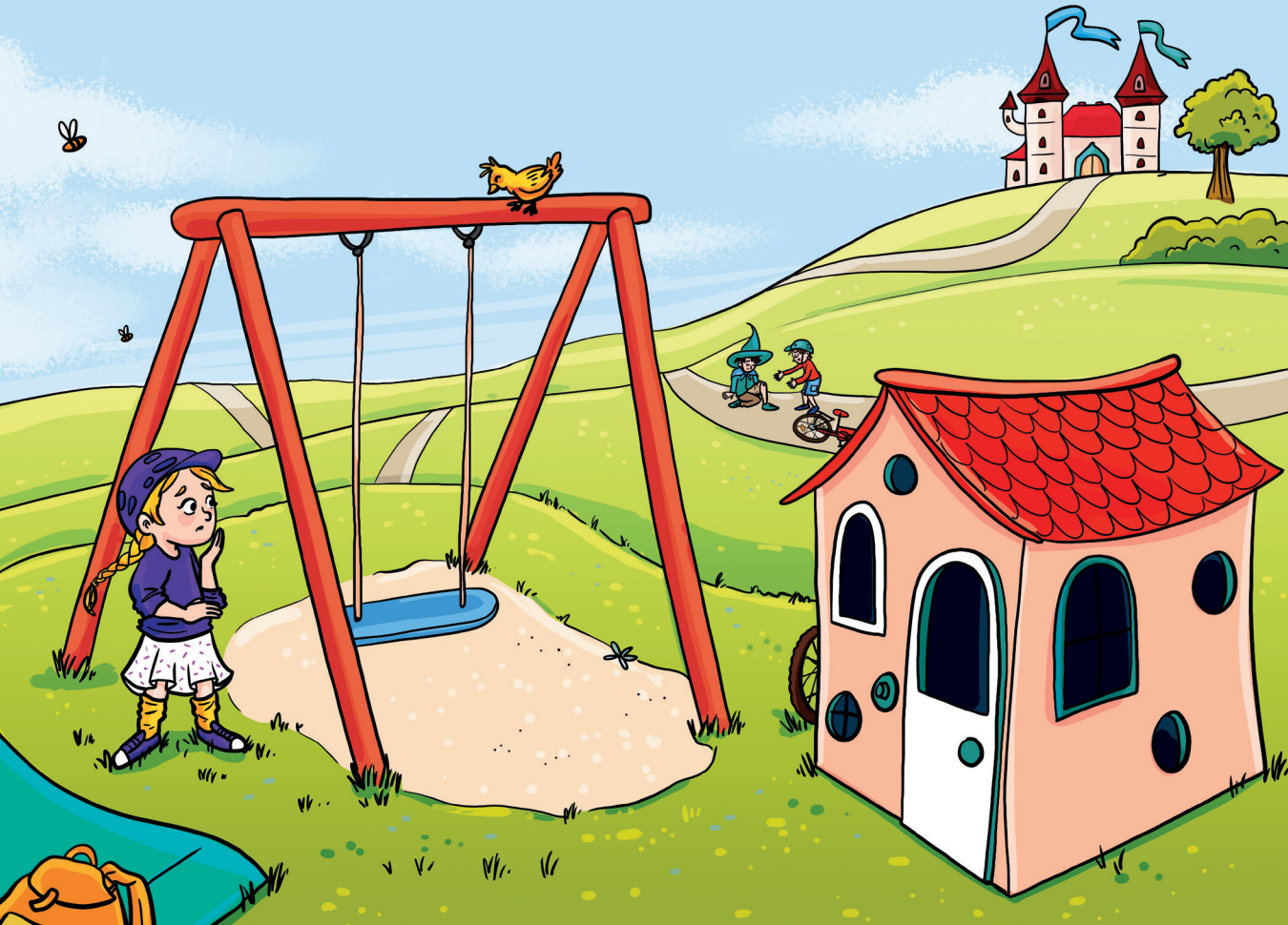
"I need my backpack with the magical potion!

Where is it?" cries Mika.





Mika has left his backpack in the playground! Leonie rides back as fast as she can to look for it. It's not in the playhouse! She doesn't find it on the swing, either. But right there, next to the slide, something bright and yellow catches Leonie's eye. "At last!" she cries, relieved, putting on the backpack and jumping back onto her bicycle.



Leonie hands Mika his backpack. He unzips it and pulls out a magic wand. He presses it against his knee and says: "Magical potion, go through the motion – fix me now!" The magic wand glows brightly, and a fluid flows into Mika's body. "You can hardly see anything there any more!" cries Leonie. "How did you do that?" enquires Ben.

"I have haemophilia," explains Mika. "When I knock or injure myself, I bleed for longer or get a bump more easily than you do. That's why I need my magic wand with the magical potion. I take the potion regularly. When I injure myself, I need an extra dose. That way, my body heals as fast as yours."

Ben touches the magic wand cautiously.

Mika snatches it back and grabs his backpack. "I have to see the Great Wizard. He is brewing me a new magical potion! Would you like to come?"

The two of them nod.



At the castle, there are fizzing sounds and clouds of steam everywhere. The children only spot the Great Wizard behind the round cauldron when he says something.

"Hello, Mika! Are you here to collect a new magical potion?"

Mika holds up his empty magic wand. "Yes, I fell over and used my magic wand."

The wizard nods. "Well done, Mika! Have you recorded it in your magic diary?"

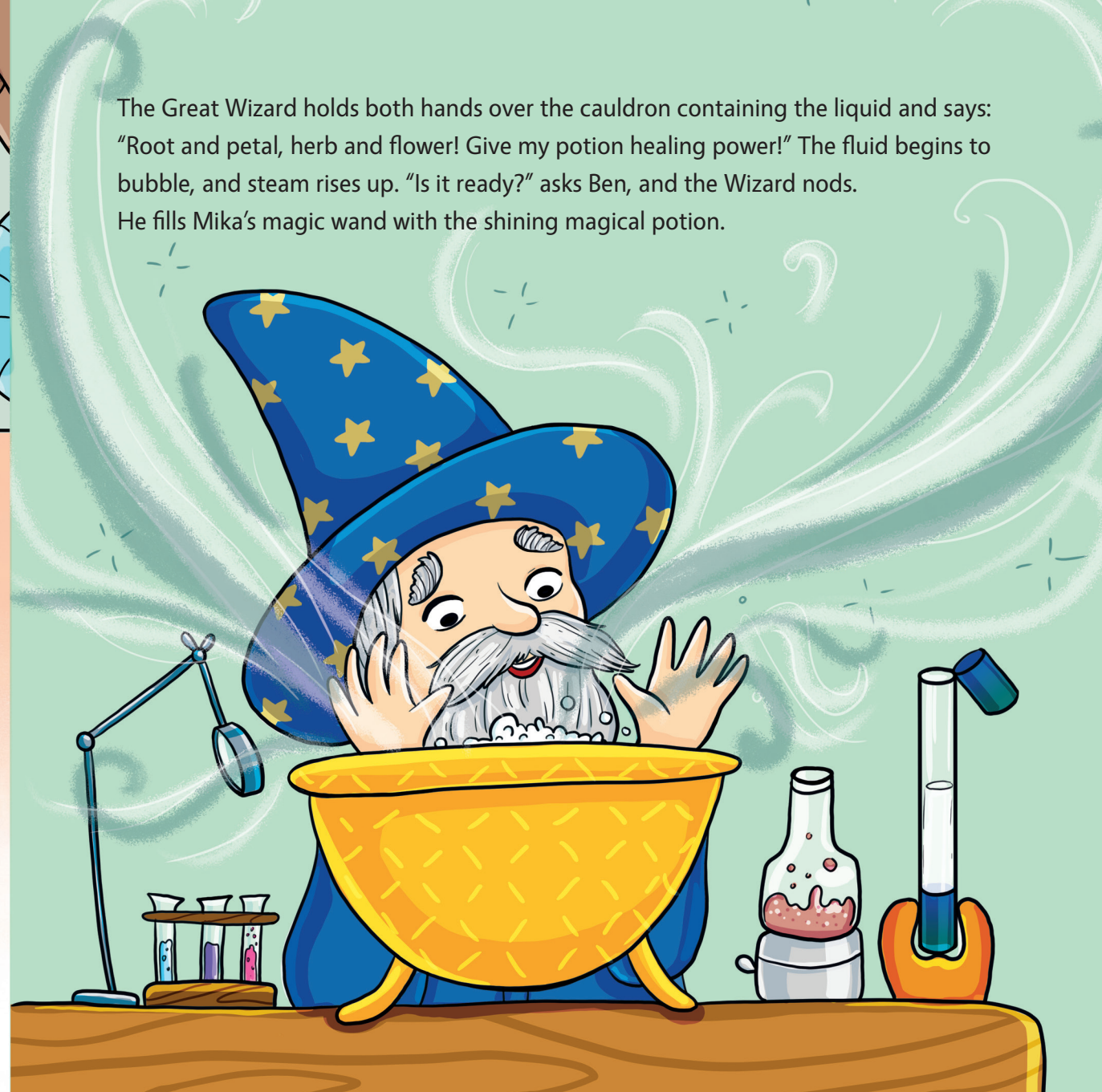
Mika quickly rummages in his backpack. "Whoops! I completely forgot about that!"

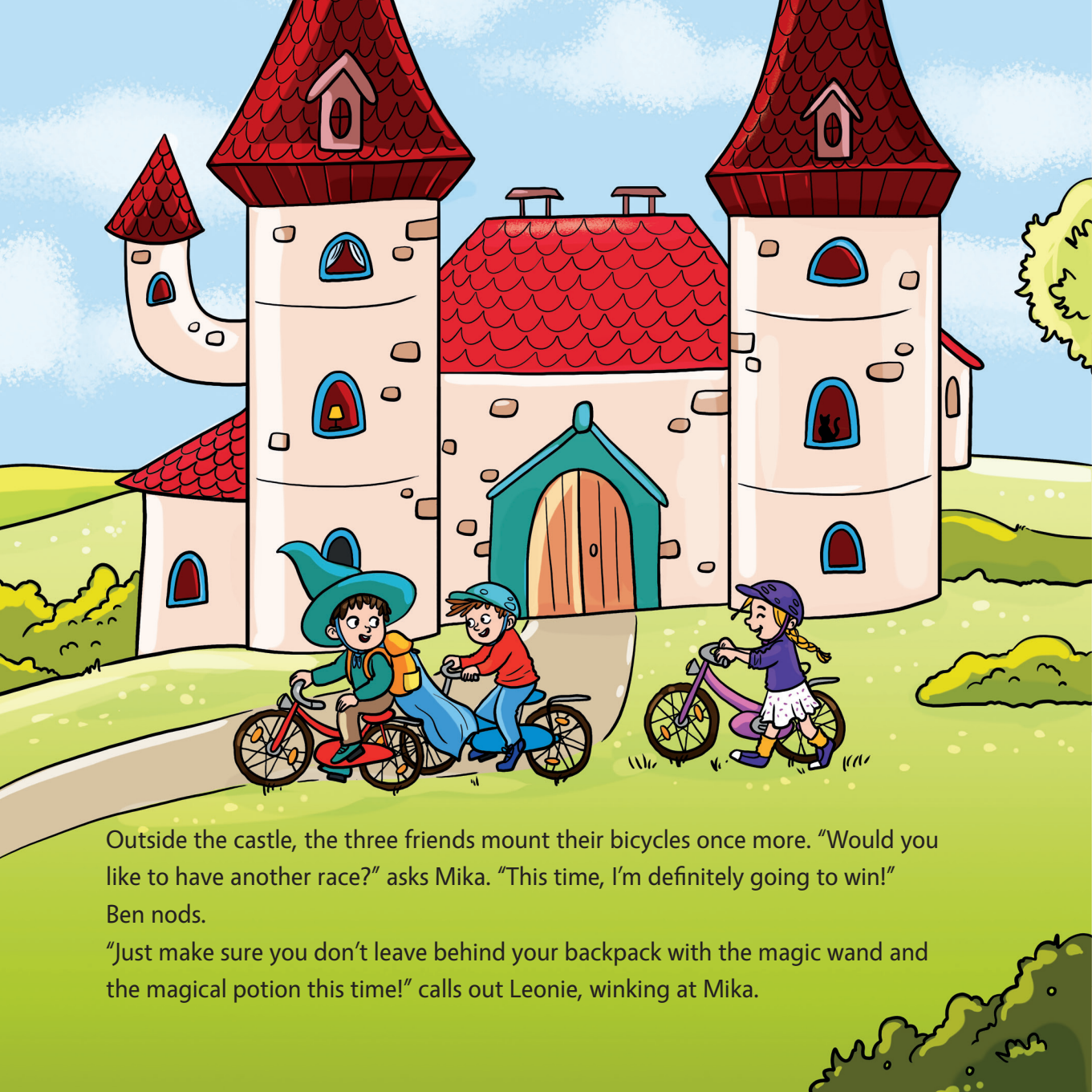
He pulls out his magic diary and writes down how much of the magical potion he has taken. He also writes down the day, the time, where he hurt himself, and the fact that he had fallen off his bicycle. "Done!"



"Wonderful! So now I will brew you a fresh batch of the magical potion. Pass me your magic wand, Mika," says the Great Wizard with his deep voice. "Do you want to watch, too?" he asks Leonie and Ben. They both nod and look around curiously. In the potions kitchen, there is a lot to discover. "In that case, come nearer and watch closely," says the Great Wizard, pouring a fluid into the cauldron.

The Great Wizard holds both hands over the cauldron containing the liquid and says: "Root and petal, herb and flower! Give my potion healing power!" The fluid begins to bubble, and steam rises up. "Is it ready?" asks Ben, and the Wizard nods. He fills Mika's magic wand with the shining magical potion.





Outside the castle, the three friends mount their bicycles once more. "Would you like to have another race?" asks Mika. "This time, I'm definitely going to win!" Ben nods.

"Just make sure you don't leave behind your backpack with the magic wand and the magical potion this time!" calls out Leonie, winking at Mika.

How magical is your memory?

Dear children,

You have learned a lot about the student wizard Mika's special abilities and his magical potion in this story. If you've paid attention and have a fantastically good memory, you will certainly be able to answer the following questions very quickly:

- Do you remember what special ability the student wizard Mika has?
(Possible answer: If he bumps or injures himself, he bleeds for longer or gets a bump more easily.)
- How does the magical potion help Mika?
(Possible answer: With the help of the magical potion, his injury heals faster.)
- When does Mika receive his magical potion?
(Possible answer: Mika receives his magical potion regularly. If he injures himself, he needs an extra dose.)

Glossary: What different expressions mean

Mika is a special child = he lives with haemophilia



Haemophilia: This is a type of blood disease. In people with haemophilia, certain coagulation factors do not form in the blood, either at all, or in sufficient quantity. They therefore bleed for longer after an injury. Bleeding within the body can also happen spontaneously – in other words, without an external cause. People with haemophilia must therefore regularly inject themselves with a factor product, which contains the missing coagulation factor.

Magical potion = medicine = factor product



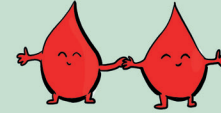
Factor product: This is the name of the medicine that children with haemophilia are regularly injected with. This prevents bleeding. The product also has to be injected if bleeding occurs suddenly, for example if the person falls over or develops a bump after falling over. In the book, the factor product is called the “magical potion”.

Magic wand = syringe



Syringe: In the story of the little student wizard, the magic wand symbolically represents the syringe. This is used to give the medicine.

Mika's wound does not bleed for as long thanks to the magical potion = the blood coagulates more quickly



Coagulation: This is the process that takes place in the body to stop bleeding. This is necessary for wounds to heal.

Magic diary = patient diary



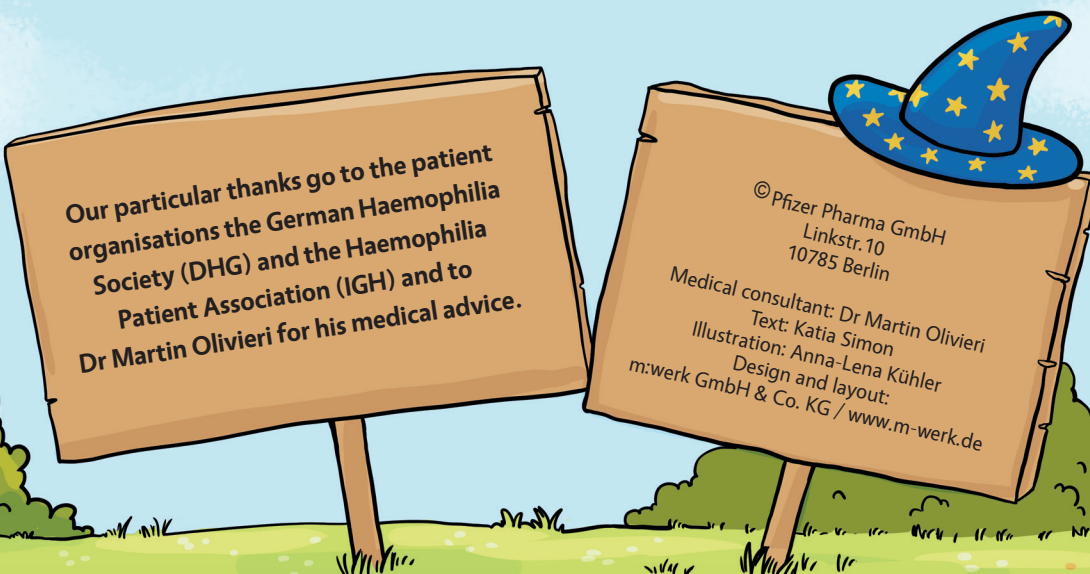
People with haemophilia must write down precisely when they have injected themselves with the factor product, recording how much of the product they have administered, the day and time, why they needed the medicine (due to an accident or as a regular dose for prevention purposes), what body part they injured (e.g. knee or elbow), and the number on the pack. It is important to write down all of this information for treatment by the doctor.





Help Mika to
create some
colourful magic!

The history of little Mika imaginatively relates the adventure of a young student wizard with haemophilia. It explains to the reader how Mika stays calm in a difficult situation and why he has to have the Great Wizard regularly brew him a potion.



Our particular thanks go to the patient organisations the German Haemophilia Society (DHG) and the Haemophilia Patient Association (IGH) and to Dr Martin Olivieri for his medical advice.

© Pfizer Pharma GmbH
Linkstr. 10
10785 Berlin
Medical consultant: Dr Martin Olivieri
Text: Katia Simon
Illustration: Anna-Lena Kühler
Design and layout:
m:werk GmbH & Co. KG / www.m-werk.de

This book seeks only to provide general information about haemophilia. This information in no way takes the place of a doctor's investigation, diagnosis, advice, and/or prescribed treatment.

The material has been funded and produced by Pfizer. The material, including all text and visual elements, is copyrighted. All rights, including reproduction, publication, alteration, and translation, are reserved by Pfizer Pharma GmbH.

If you get any side effects, talk to your doctor, pharmacist or nurse. This includes any possible side effect not listed in the package leaflet. You can also report side effects directly via the Yellow Card Scheme at www.mhra.gov.uk/yellowcard or search MHRA Yellow Card in the Google Play or Apple App Store. By reporting side effects, you can help provide more information on this medicine.



DEUTSCHE HÄMOSTASEGESELLSCHAFT
zur Bekämpfung von Blutungsstörungen e.V.

