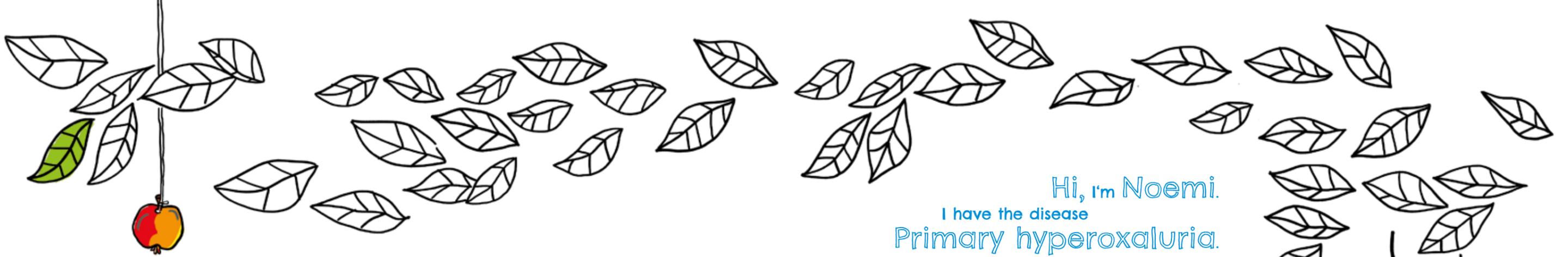


MY LIFE WITH PRIMARY HYPEROXALURIA

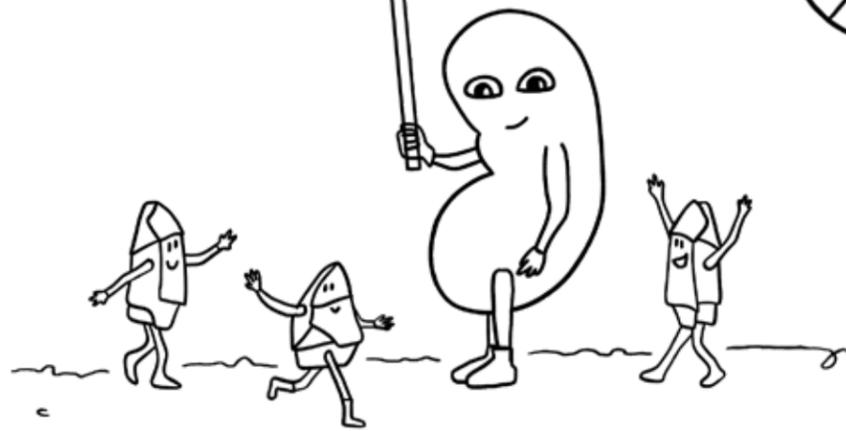
A
learning
colouring
book





Hi, I'm Noemi.
I have the disease
Primary hyperoxaluria.

Imprint
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Concept, design and illustration:
Gipfelgold Werbeagentur GmbH,
Bonn, Germany
www.gipfelgold.de
1st Edition 2020
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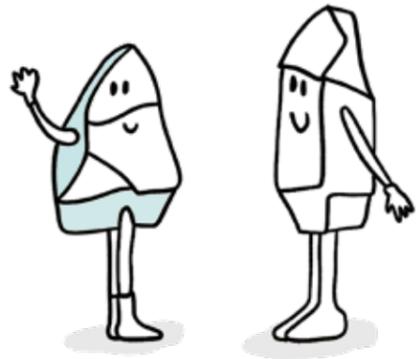
The first thing I can
remember in my life
is terrible pain.



And I remember
doctors and even
more doctors and
hospital beds.



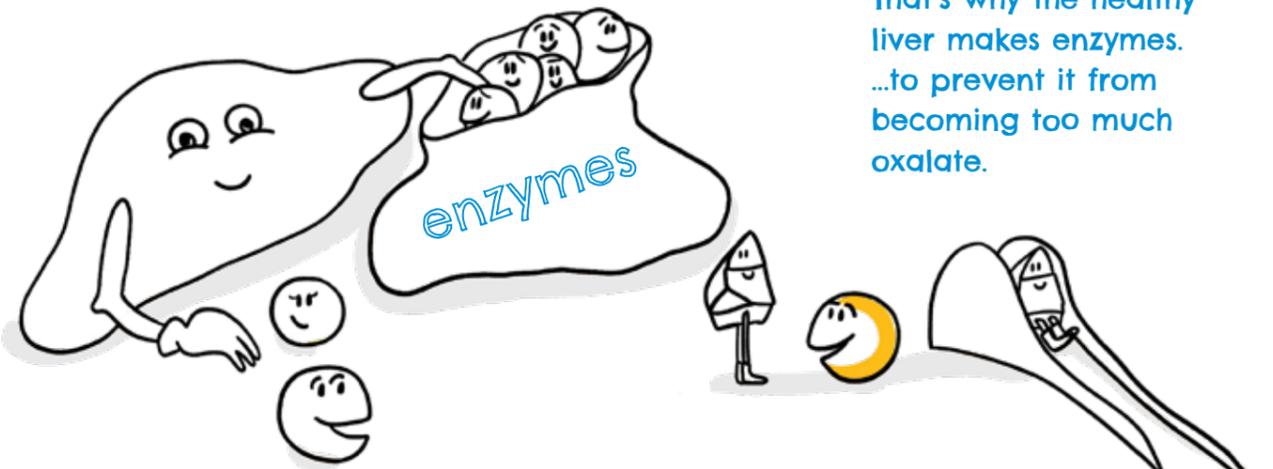
When the other kids
could play outside
and I couldn't, I felt
like an alien.



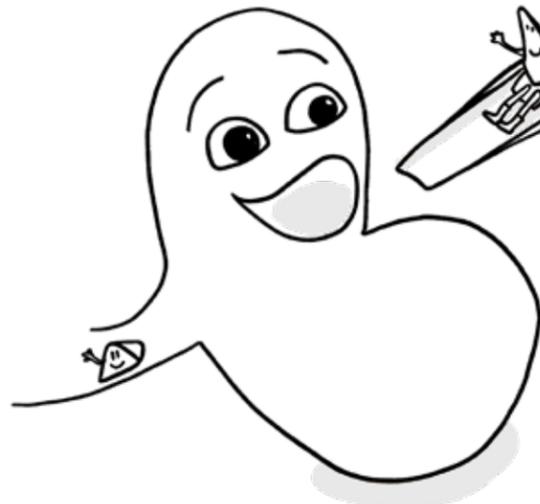
These are oxalates. They are in every body. It's perfectly normal and not serious, as long as there are not too many.



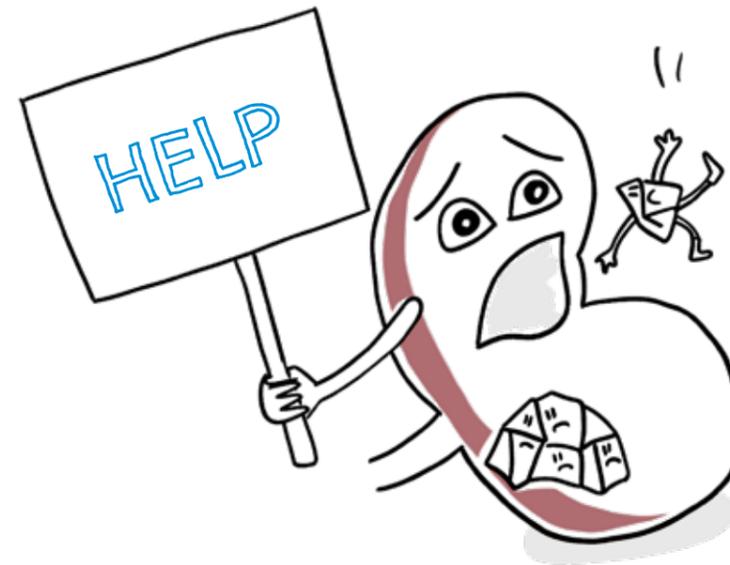
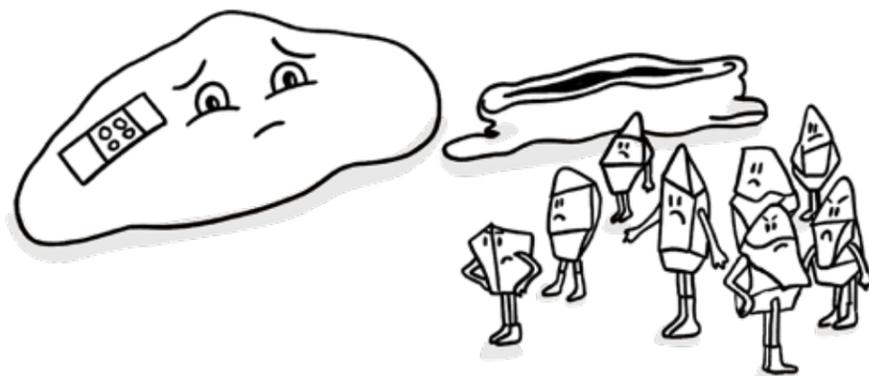
That's why the healthy liver makes enzymes. ...to prevent it from becoming too much oxalate.



The oxalates are processed by the liver... to the kidneys and easily excreted.



However, the diseased liver cannot produce enzymes. That's why there'll be way too many oxalates soon.

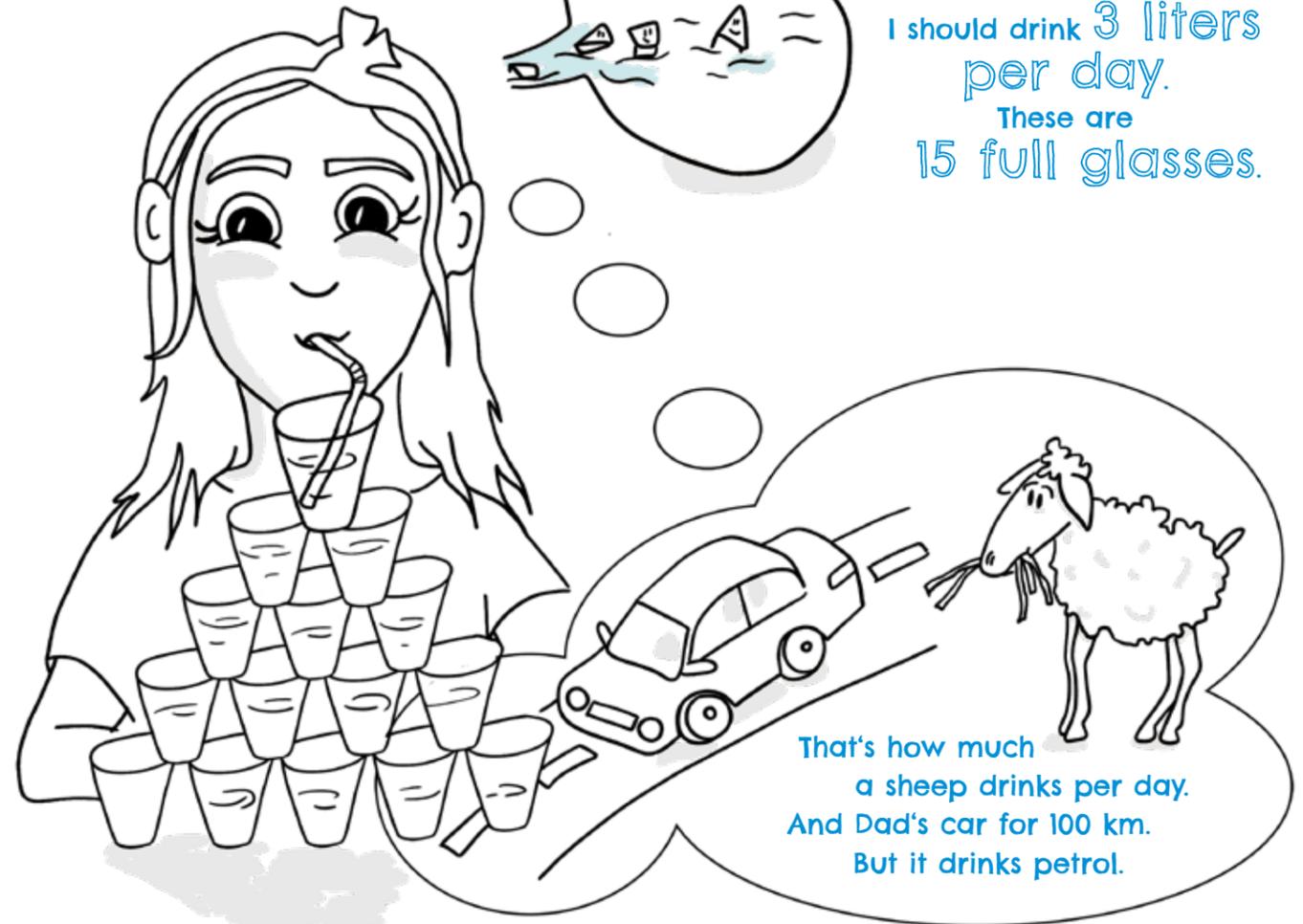


So many oxalates cannot be excreted and are then stored in the kidneys.

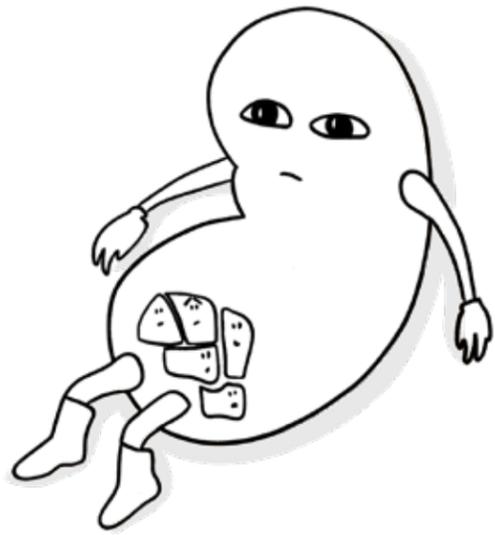
If I drink a lot, I can help keep the oxalates from settling.



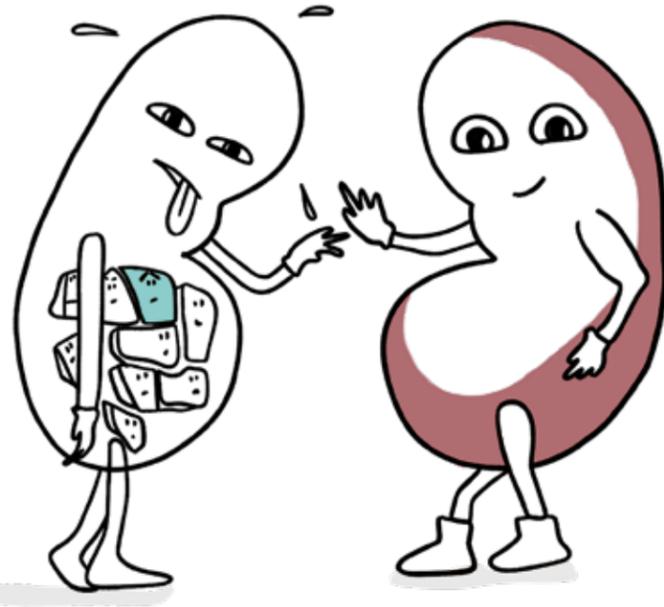
I should drink 3 liters per day. These are 15 full glasses.



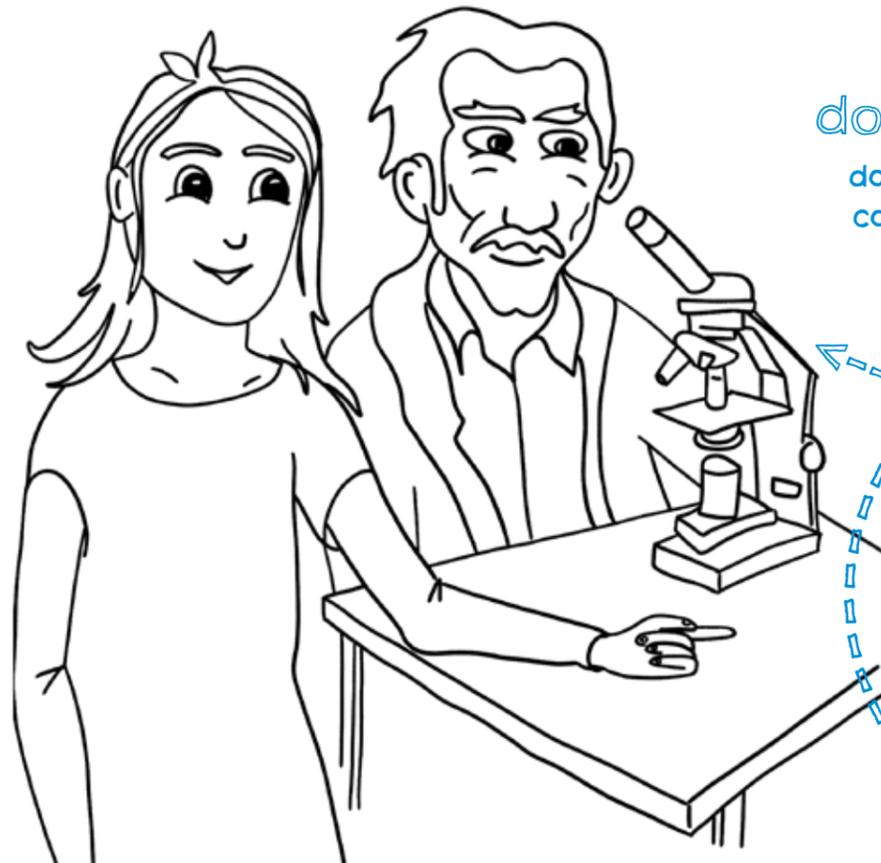
That's how much a sheep drinks per day. And Dad's car for 100 km. But it drinks petrol.



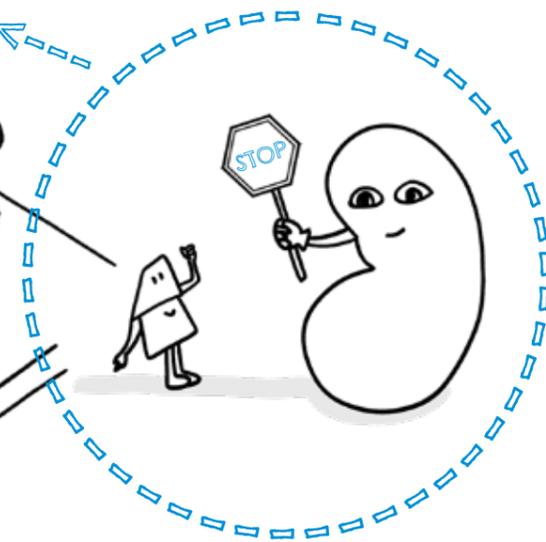
If there are too many oxalates in the kidney. Then she needs help through dialysis.



It can happen that a kidney is so exhausted that it has to be replaced by a new kidney. This is called transplantation.



Doctors and scientists are doing research every day on a medicine that can help the kidney to protect itself from the oxalates.



There are days when I don't even realize I have primary hyperoxaluria. Then, I can live like a completely normal girl.



