

This is a story with the famous question:

to pee  
or  
not to pee?

By Dominika Bijos



Hi!  
I am Dr P.  
I'm here to tell you  
how it works  
and  
what I do to help.

Young and old,  
everyone drinks cold and hot  
beverages  
during the day...



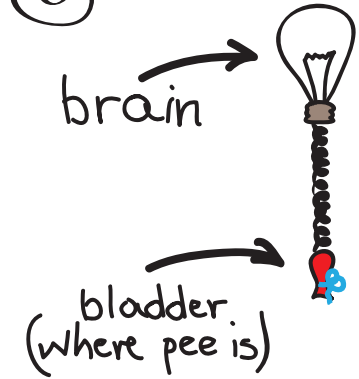
And every now and then,  
we need to pee.

Normal thing.

TOILET →

This is how the  
pee decision  
works:

When you are healthy...



...and it all works  
as it should...

...the bladder gets fuller,

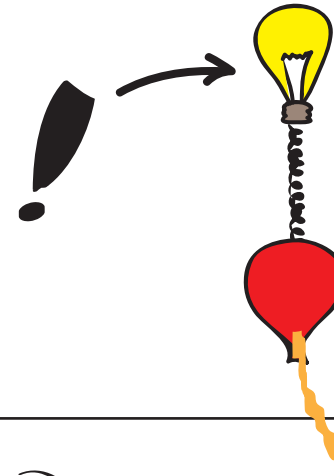


...you don't think about it.

...the bladder gets fuller,



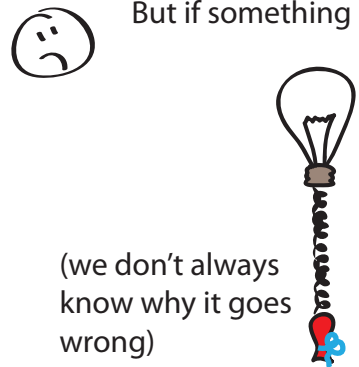
Until the moment when  
you do:



and you PEE!



But if something goes wrong...



(we don't always  
know why it goes  
wrong)

...you think you  
should pee...

...even when there is  
nothing there.



Or you think even  
more often about it...

... in fact all the time.



overactive

You can sometimes pee without thinking.

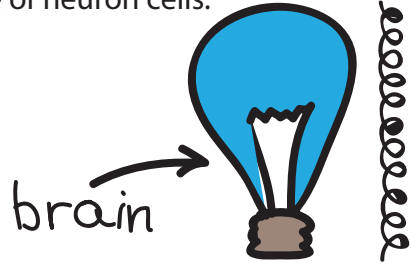


This is:  
NOT NICE.

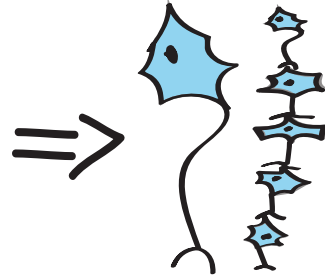


The way it works is:

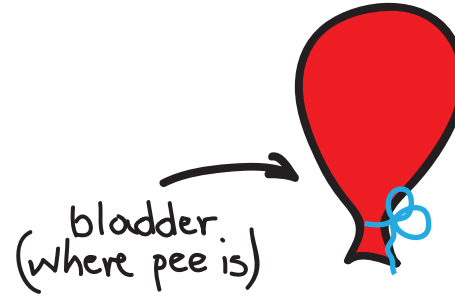
the brain and the wires are made of neuron cells.



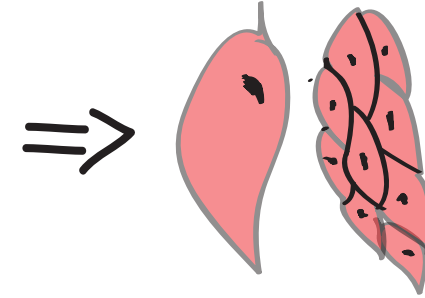
Brain neuron cells send signals via the wires to tell the bladder when to pee.



The urinary bladder is made of muscle cells.

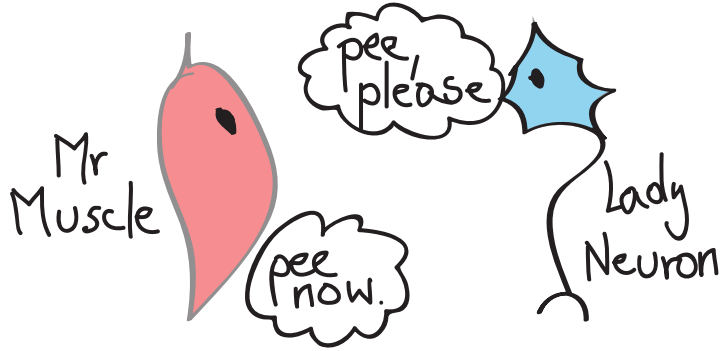


Muscle cells contract and thus we pee.

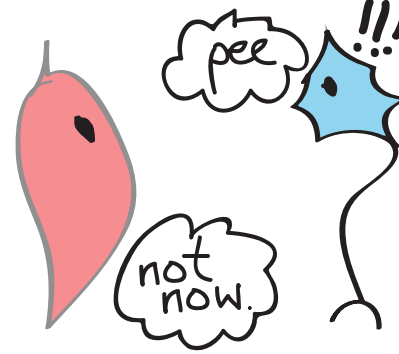


So it is all about communication and understanding.

😊 Healthy muscles and neurons talk to each other nicely:



☹️ If neurons say too much and too often then muscles get confused:



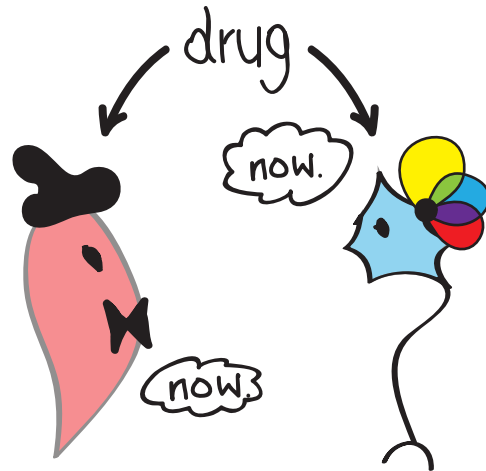
☹️☹️ But if muscles just contract that makes no sense either:



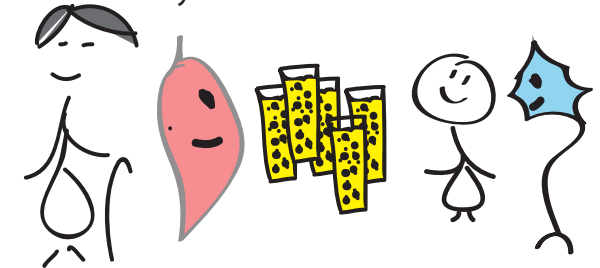
I work on how these two talk to each other.

I test new drugs, which change what cells say.

I look at the effects on the cells, on what they do and how they talk to each other.



And when they do: we can all drink to celebrate!



And not think about anything pee related!

Until we wish to do so!

