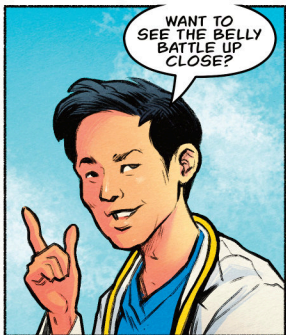
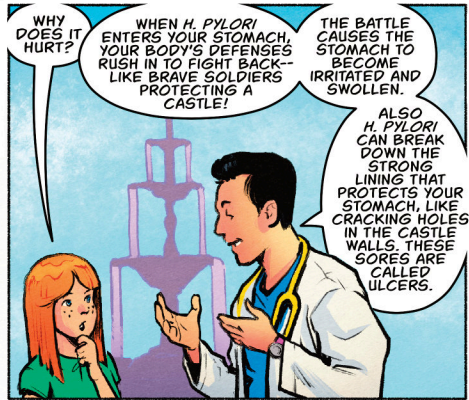
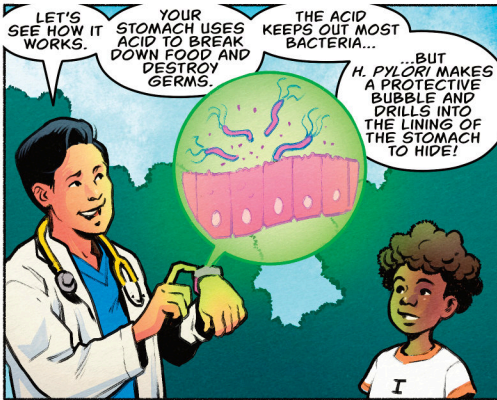
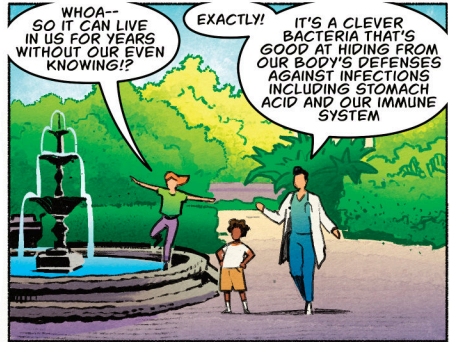
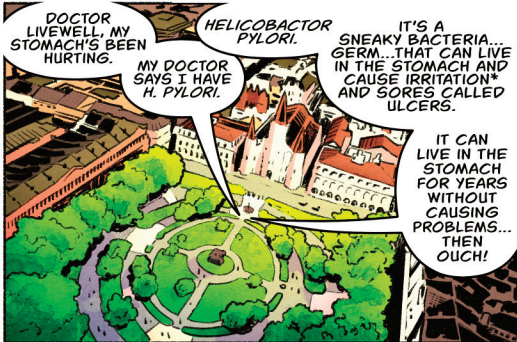


LIVWELL COMICS PRESENTS:

DOCTOR LIVWELL

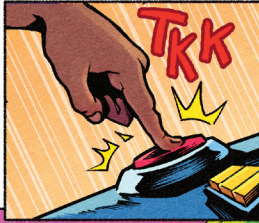
BELLY BATTLE: THE H. PYLORI INVASION!



*WHEN DOCTORS REFER TO IRRITATION, THEY OFTEN USE THE TERM INFLAMMATION, WHICH MEANS A REVVED UP IMMUNE SYSTEM.

INSIDE THE P.O.O.P.

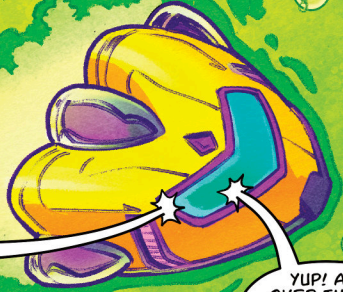
STRAP IN!
HIT THAT BUTTON,
AND WE WILL BE
OFF TO THE
STOMACH!



WHOOAA!!

WOW--ARE
WE IN THE
STOMACH--IS
THAT STOMACH
ACID?!

YUP! AND
OVER THERE,
SEE THOSE
SPIRAL SHAPED
INVADERS?



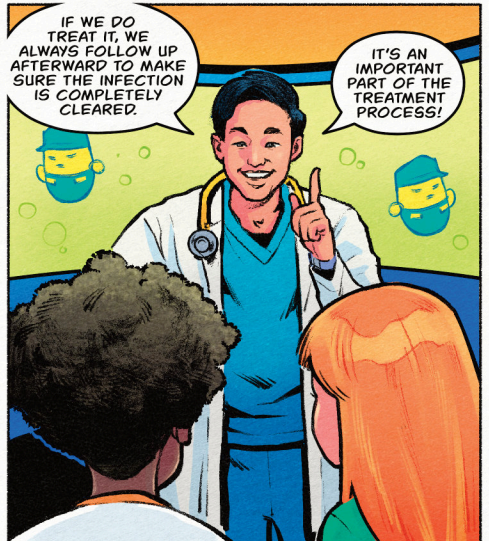
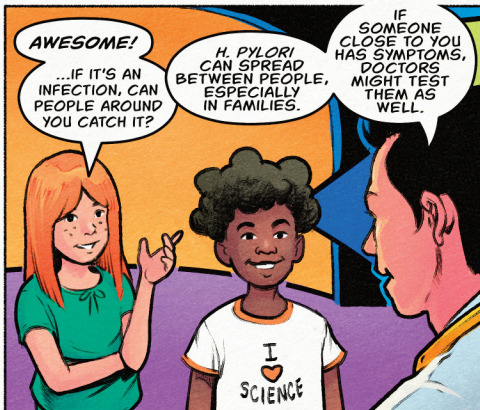
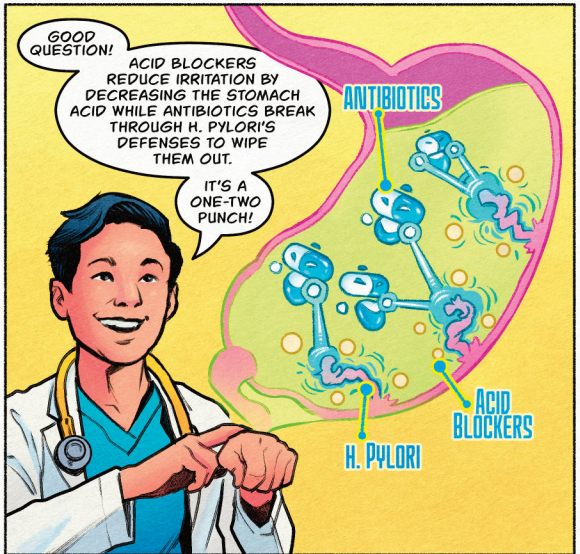
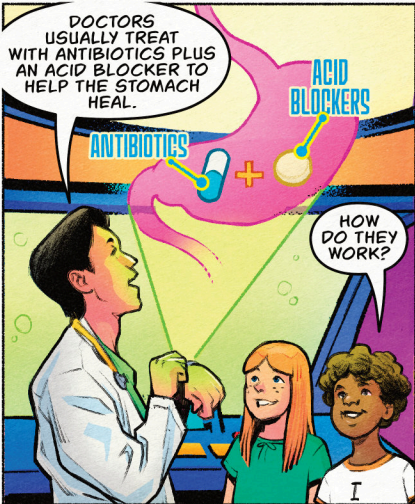
THAT'S
H. PYLORI.

THEY BURROW
INTO THE STOMACH
AND USE A CHEMICAL
CALLED UREASE TO
CREATE A PROTECTIVE
BUBBLE AND SURVIVE
THE STOMACH
ACID!



THE IMMUNE
SYSTEM WORKS HARD
TO FIGHT H. PYLORI, BUT
IT CAN BE TOUGH
TO GET RID OF.







IS THERE ANYTHING ELSE WE CAN DO TO HELP??

YEP!

WASH YOUR HANDS REGULARLY AND SEE YOUR DOCTOR IF THE STOMACH PAIN DOESN'T GO AWAY.



I'M GOING TO WORK WITH MY DOCTOR TO GET RID OF MY H. PYLORI INFECTION AND MAKE SURE IT DOESN'T COME BACK!

THAT'S THE ATTITUDE!

YEAH!!!

IF ONLY WE KNEW HOW TO TREAT H. PYLORI BACK WHEN I WAS AROUND!

OTZI THE ICEMAN

UNRAVEL THE H. PYLORI MYSTERY!

- **H. PYLORI HAS BEEN AROUND FOR AGES** -- IT'S EVEN BEEN FOUND IN ANCIENT MUMMIES LIKE ÖTZI, THE ICEMAN!
- **A LARGE PART OF THE WORLD'S POPULATION HAS H. PYLORI**, BUT MANY PEOPLE DON'T SHOW SYMPTOMS.
- **SYMPTOMS OF H. PYLORI CAN INCLUDE** STOMACH ACHEs OR BURNING, UPSET STOMACH, LOSS OF APPETITE, FREQUENT BURPING, VOMITING, BLOATING, AND UNEXPLAINED WEIGHT LOSS.
- **DOCTORS CAN USE** AN UPPER ENDOSCOPY TO CHECK THE STOMACH FOR *H. PYLORI*.
- **WHEN TREATMENT IS NEEDED**, *H. PYLORI* IS TREATED WITH TYPICALLY, TWO (OR MORE) ANTIBIOTICS TO KILL THE BACTERIA AND A PROTON PUMP INHIBITOR (PPI) TO REDUCE THE ACID IN THE STOMACH.
- **ALWAYS FOLLOW UP AFTER TREATMENT** TO MAKE SURE THE *H. PYLORI* ARE COMPLETELY GONE.
- **STOMACH INFECTIONS AREN'T JUST FOUND IN HUMANS**. BACTERIA RELATED TO *H. PYLORI* CAN ALSO BE FOUND IN CATS, DOGS, AND CATTLE. ON RARE OCCASIONS, HUMANS CAN EVEN BE INFECTED BY THE STOMACH BACTERIA THAT INFECTS CATS.