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Helicobacter Pylori Infections

Helicobacter pylori (*H. pylori*) is a type of bacteria that causes infection in the stomach. It is found in about two-thirds of the world's population. It may be spread by unclean food and water, but researchers aren't sure. It causes Peptic ulcers [<http://www.nlm.nih.gov/medlineplus/pepticulcer.html>] and can also cause stomach cancer [<http://www.nlm.nih.gov/medlineplus/stomachcancer.html>] .

If you have symptoms of a peptic ulcer, your doctor will test your blood, breath or stool to see if it contains *H. pylori*. The best treatment is a combination of antibiotics and acid-reducing medicines. You will need to be tested after treatment to make sure the infection is gone.

To help prevent an *H. pylori* infection, you should

- Wash your hands after using the bathroom and before eating
- Eat properly prepared food
- Drink water from a clean, safe source

NIH: National Institute of Diabetes and Digestive and Kidney Diseases

Start Here

- [H. pylori Infection](http://www.mayoclinic.org/diseases-conditions/h-pylori/basics/definition/CON-20030903?p=1) [<http://www.mayoclinic.org/diseases-conditions/h-pylori/basics/definition/CON-20030903?p=1>] (Mayo Foundation for Medical Education and Research)
- [Helicobacter pylori](http://kidshealth.org/parent/infections/stomach/h_pylori.html) [http://kidshealth.org/parent/infections/stomach/h_pylori.html] (Nemours Foundation)
- [JAMA Patient Page: Helicobacter pylori](http://jama.jamanetwork.com/data/Journals/JAMA/4432/jpg0917_1374_1374.pdf) [http://jama.jamanetwork.com/data/Journals/JAMA/4432/jpg0917_1374_1374.pdf] (American Medical Association) - PDF
Available in Spanish [<http://jama.jamanetwork.com/data/Journals/JAMA/4432/pdfpat091708.pdf>]



Diagnosis/Symptoms

- [Helicobacter pylori Test](http://labtestsonline.org/understanding/analytes/h-pylori/tab/test) [<http://labtestsonline.org/understanding/analytes/h-pylori/tab/test>] (American Association for Clinical Chemistry)
- [Stool Test: H. Pylori Antigen](http://kidshealth.org/parent/system/medical/test_pylori_antigen.html) [http://kidshealth.org/parent/system/medical/test_pylori_antigen.html] (Nemours Foundation)
Available in Spanish [http://kidshealth.org/parent/en_espanol/medicos/test_pylori_antigen_esp.html]

Treatment

- [Helicobacter Pylori Infection and Treatment \(Beyond the Basics\)](http://www.uptodate.com/contents/helicobacter-pylori-infection-and-treatment-beyond-the-basics?view=print) [<http://www.uptodate.com/contents/helicobacter-pylori-infection-and-treatment-beyond-the-basics?view=print>] (UpToDate)

Specific Conditions


- [Helicobacter pylori and Cancer](http://www.cancer.gov/cancertopics/factsheet/risk/h-pylori-cancer) [<http://www.cancer.gov/cancertopics/factsheet/risk/h-pylori-cancer>]  (National Cancer Institute)
Available in Spanish [<http://www.cancer.gov/espanol/recursos/hojas-informativas/riesgo-causas/h-pylori>]
- [Peptic Ulcer Disease and H. pylori](http://www.niddk.nih.gov/health-information/health-topics/digestive-diseases/peptic-ulcer/Documents/hpylori_508.pdf) [http://www.niddk.nih.gov/health-information/health-topics/digestive-diseases/peptic-ulcer/Documents/hpylori_508.pdf]  (National Institute of Diabetes and Digestive and Kidney Diseases) - PDF
Available in Spanish [<http://www.niddk.nih.gov/health-information/informacion-de-la-salud/enfermedades-digestivas/h-pylori-y-ulceras-pepticas/Pages/facts.aspx>]

Related Issues


- [Gastritis](http://digestive.niddk.nih.gov/ddiseases/pubs/gastritis/) [<http://digestive.niddk.nih.gov/ddiseases/pubs/gastritis/>]  (National Institute of Diabetes and Digestive and Kidney Diseases)



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- Gut Feelings About Gastritis: When Your Stomach's Sick [<http://newsinhealth.nih.gov/issue/Nov2012/feature2>]
 (National Institutes of Health)

Clinical Trials


- ClinicalTrials.gov: Helicobacter Infections [<http://clinicaltrials.gov/search/open/condition=%22Helicobacter+Infections%22>]
 (National Institutes of Health)

Journal Articles


References and abstracts from MEDLINE/PubMed (National Library of Medicine)

- Article: Assessment of diagnostic and therapeutic approaches of Helicobacter pylori-associated iron... [<http://www.ncbi.nlm.nih.gov/pubmed/25643511?tool=MedlinePlus>]
- Article: Role of Raf kinase inhibitor protein in Helicobacter pylori-mediated signaling... [<http://www.ncbi.nlm.nih.gov/pubmed/25597356?tool=MedlinePlus>]
- Article: Association between early Helicobacter pylori eradication and a lower risk... [<http://www.ncbi.nlm.nih.gov/pubmed/25569660?tool=MedlinePlus>]
- Helicobacter Pylori Infections -- see more articles [[http://www.ncbi.nlm.nih.gov/pubmed?term=helicobacter+infections\[majr\]+AND+english\[la\]+AND+humans\[mh\]+AND+\(subset\[text\]+OR+review\[pt\]+OR+guideline\[pt\]+OR+clinical+trial\[pt\]+OR+patient+education+handout\[pt\]+OR+subsetaim\[text\]+OR+subsetn\[text\]\)+NOT+\(letter\[pt\]+OR+editorial\[pt\]+OR+case+reports\[pt\]\)+AND+%22last+1+Year%22\[edat\]&tool=MedlinePlus](http://www.ncbi.nlm.nih.gov/pubmed?term=helicobacter+infections[majr]+AND+english[la]+AND+humans[mh]+AND+(subset[text]+OR+review[pt]+OR+guideline[pt]+OR+clinical+trial[pt]+OR+patient+education+handout[pt]+OR+subsetaim[text]+OR+subsetn[text])+NOT+(letter[pt]+OR+editorial[pt]+OR+case+reports[pt])+AND+%22last+1+Year%22[edat]&tool=MedlinePlus)]

Dictionaries/Glossaries

- Digestive Diseases Dictionary [<http://digestive.niddk.nih.gov/ddiseases/pubs/dictionary/>]
 **Easy-to-Read** (National Institute of Diabetes and Digestive and Kidney Diseases)

Organizations

- National Institute of Diabetes and Digestive and Kidney Diseases [<http://www.niddk.nih.gov/>] 

Children

- Helicobacter pylori [http://kidshealth.org/parent/infections/stomach/h_pylori.html] (Nemours Foundation)
- Helicobacter Pylori Infections [<http://www.healthychildren.org/English/health-issues/conditions/abdominal/pages/Helicobacter-Pylori-Infections.aspx>] (American Academy of Pediatrics)
- Stool Test: H. Pylori Antigen [http://kidshealth.org/parent/system/medical/test_pylori_antigen.html] (Nemours Foundation)
Available in Spanish [http://kidshealth.org/parent/en_espanol/medicos/test_pylori_antigen_esp.html]



ADAM

MEDICAL ENCYCLOPEDIA

Tests for H. pylori [<http://www.nlm.nih.gov/medlineplus/ency/article/007501.htm>]



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Related Health Topics

[Peptic Ulcer \[http://www.nlm.nih.gov/medlineplus/pepticulcer.html\]](http://www.nlm.nih.gov/medlineplus/pepticulcer.html)

[Stomach Cancer \[http://www.nlm.nih.gov/medlineplus/stomachcancer.html\]](http://www.nlm.nih.gov/medlineplus/stomachcancer.html)

[Digestive System \[http://www.nlm.nih.gov/medlineplus/digestivesystem.html\]](http://www.nlm.nih.gov/medlineplus/digestivesystem.html)

[Infections \[http://www.nlm.nih.gov/medlineplus/infections.html\]](http://www.nlm.nih.gov/medlineplus/infections.html)

National Institutes of Health

The primary NIH organization for research on *Helicobacter Pylori Infections* is the National Institute of Diabetes and Digestive and Kidney Diseases [<http://www.niddk.nih.gov/>]

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