
References

- Akopyants NS, Clifton SW, Kersulyte D, et al; 1998:** Analyses of the *cag* pathogenicity island of *Helicobacter pylori*. *Mol Microbiol.* 28:37-53.
- Annibale B, Capurso G, Lahner E, Passi S, Ricci R, Maggio F, et al; 2003:** Concomitant alterations in intragastric pH and ascorbic acid concentration in patients with *Helicobacter pylori* gastritis and associated iron deficiency anaemia. *Gut.*52:496-501.
- Annibale B, Marignani M, Monarca B, Antonelli G, Marcheggiano A, Martino G, et al; 1999:** Reversal of iron deficiency anemia after *Helicobacter pylori* eradication in patients with asymptomatic gastritis. *Ann Intern Med.*131:668-72.
- Ashorn M, Ruuska T, Makiperna A. 2001:** *Helicobacter pylori* and iron deficiency anaemia in children. *Scand J Gastroenterol* 36:701-5.
- Avenaud P, Marais A, Monteiro L et al; 2000:** Detection of *Helicobacter* species in the liver of patients with and without primary liver carcinoma. *Cancer* 89:1431-1439 .
- Axon ATR 1995 :** *Helicobacter pylori* transmitted by the gastro-oral route: *Aliment pharmacol Ther*, 9:585-8 .
- Bahreman S, Nematollahi LR, Fourutan H, et al; 2006:** Evaluation of triple and quadruple *Helicobacter pylori* eradication therapies in Iranian children: a randomized clinical trial. *Eur J Gastroenterol Hepatol.* 18(5):511-4.
- Barabino A, Dufour C, Marino CE, Claudiani F and De Alessandri A.1999:** Unexplained refractory iron-deficiency anemia associated with *Helicobacter pylori* gastric infection

-
-
- in children: further clinical evidence.*J Pediatr Gastroenterol Nutr* 28:116-9.
- Bardhan PK 1997** : Epidemiological features of *Helicobacter pylori* infection in developing countries.*Clin. Infect. Dis.*, Nov. 25(5):973-8 .
- Bariol C, Field A, Vickers CR and Ward R 2001** : Regression of gastric T-cell lymphoma with eradication of *Helicobacter pylori*. *Gut* 48(2):269-71 .
- Baynes RD, Skikne BS and Cook JD. 1994**: Circulation transferrin receptors and assessment of iron status.*J Nutr Biochem*.5:322-330.
- Beard AS 2002** : The Ecology of Height : The effect of microbial transmission on Human Height. *Perspectives in biology and medicine*, vol.45.Baltimore, MD:The Johns Hopkins university press , 475-98.
- Beard JL 2001**:Iron biology in immune function,muscle metabolism and neuronal functioning.*J Nutr*;131(2S-2):568S-579S.
- Behrens R, Lang T, Keller KM, et al; 1999** : Dual versus triple therapy of *Helicobacter pylori* infection: results of a multicentre trial *Arch Dis Child*.81:68-70 .
- Benjamin D. Gold, Richard B. Colletti, Myles Abbott, et al, 1999** : *Sherman Journal of Pediatric Gastroenterology and Nutrition* 31.:490–497 .
- Bertil Glader 2008** : *Nelson text book of pediatrics* Chapter 447.Anemia.
- Bessman JD, Gilmer PR Jr, Gardner FH.1983**: Improved classification of anemias by MCV and RDW. *Am J Clin Pathol* 80:322-6.
-
-

-
-
- Blanchard TG and Czinn SJ. 2000:** Immunology of *Helicobacter pylori* and prospects for vaccine. *Gastroenterol. Clin. North Am.* 29(3):671-85.
- Blanchard TG, Czinn SJ, Muarier R et al;1995:** Urease-specific monoclonal prevent infection by *Helicobacter felis* in mice infect. *Immunol.*63:1394-9.
- Blaser MJ, Atherton JC. 2004 :** *Helicobacter pylori* persistence biology and disease. *J Clin invest.*113:321-333.
- Bothwell TH, Charlton RW, Cook JD and Finch CA.1979:**Iron metabolism in man. Oxford, UK:Blackwell Scientific Publications.
- Boyd EJS 1996 :** The prevalence of esophagitis in patients with duodenal ulceration. *Am. J .Gastroenterol.* 91:1539-43 .
- Bravos ED and Gilman RH 2000:** Accurate diagnosis of *Helicobacter pylori*. Other tests. *Gastroenterol Clin North Am .* 29:925-9 .
- Brown L M 2000:** *Helicobacter pylori*:epidemiology and routes of transmission. *Epidemiol Rev*;22:383-97.
- Bytzer P 1996 :** Diagnosing dyspepsia, any controversies left? *Gastroenterol.* 110:302-6 .
- Cammarota G, Tursi A, Montallo M et al., 1996 :** Role of dental plaque in transmission of *Helicobacter pylori* . *J . Clin. Gastroenterol*; 22:174-7 .
- Campbell DI, Bunn JE, Weaver LT, Harding M, Coward WA, Thomas JE. 2006:**Human milk vacuolating cytotoxin A immunoglobulin A antibodies modify *Helicobacter pylori* infection in Gambian children. *Clin Infect Dis.* 43:1040-2 .
- Capurso G, Lahner E, Marcheggiano A, Caruana P, Carnuccio A, Bordi C, et al;2001 :** Involvement of the corporal mucosa
-
-

-
-
- and related changes in gastric acid secretion characterize patients with iron deficiency anaemia associated with *Helicobacter pylori* infection. *Aliment Pharmacol Ther* . 15:1753-61.
- Carnicer J, Badia R, ang Argemi J 1997** : *Helicobacter pylori* gastritis and sideropenic refractory anaemia. *J . Pediatr. Gastroenterol. Nutr.* 25:441-3 .
- Censini S, Lange C, Xiang Z,et al;1996**: Cag, a pathogenicity island of *Helicobacter pylori*, encodes type 1-specific and disease-associated virulence factors. *Proc Natl Acad Sci USA.* 93:14648-14653 .
- Chan KL, Zhou H, Ng DK, Tam PK.2001**: A prospective study of a one-week nonbismuth quadruple therapy for childhood *Helicobacter pylori* infection. *J Pediatr Surg.*36(7):1008-11.
- Chandler G,Harchowal J,Macdougall IC. 2001**: Intravenous iron sucrose: establishing a safe dose.*Am J Kidney Dis.*38:988-91 .
- Chey WD, Woods M, Scheiman JM, et al; 1997** : Lansoprazole and ranitidine affect the accuracy of the ¹⁴C-urea breath test by a pH-dependent mechanism. *Am J Gastroenterol* 92:446-50 .
- Choe Y, Oh Y, Lee N, Imoto I, Adachi Y, Yotoda N, et al; 2003**: Lactoferrin sequestration and its contribution to iron-deficiency anemia in *Helicobacter pylori*-infected gastric mucosa. *J Gastroenterol Hepatol.* 18:980-5.
- Choe YH, Kim SK and Hong YC 2000** : *Helicobacter pylori* infection with iron deficiency Anemia and subnormal growth of puberty. *Arch. Dis. Child.* 82:136-140 .
- Ciacci C,Sabbatini F,Cavallaro R,Castiglione F,Si Bella S, Sarker SA , Davidsson L, Mahmud H,Walczyk T, Hurrell RF,Gyr N,et al ;2004** :*Helicobacter pylori* infection, iron
-
-

-
-
- absorption, and gastric acid secretion in Bangladeshi children. *Am J Clin Nutr* 80:149-53.
- Claeys D, Faller G, Appelmelk BJ, et al;1998** : The gastric H⁺,K⁺ ATPase is a major autoantigen in chronic *Helicobacter pylori* gastritis with body mucosa atrophy. *Gastroenterology*. 115:340-347.
- Collins JF, Franck CA, Kowdley KV, Ghishan FK. 2005** : Identification of differentially expressed genes in response to dietary iron deprivation in rat duodenum. *Am J Physiol Gastrointest Liver Physiol* 288: G964–71.
- Cook JD, Baynes RD, Skikne BS.1992b**: Iron deficiency and the measurement of iron status. *Nutr Res Rev* 5:189-202.
- Cook JD,Skikne BS, Baynes RD.1992a**: screening strategies for nutritional iron deficiency. In SJ Fomon and S Zlotkin, eds. *Nutritional Anemia*. Nestle Nutrition Workshop series, Vol 30,New York: Vevey\Raven Press.
- Cook JK, Finch CA 1979** :Assessing iron status of a population. *Am J Clin Nutr* 32:21152119.
- Cover TL and Blaser MJ 1992** : Purification and characterization of the vacuolating toxin from *Helicobacter pylori* . *J Biol Chem* 87:1554.
- Crabtree JE, Covacci A, Farmery SM, et al;1995** : *Helicobacter pylori* induced interleukin-8 expression in gastric epithelial cells is associated with CagA Positive phenotype . *J Clin Pathol*. 48:41-45.
- Cuenca R, Blanchord TG,Czinn SJ et al;1996** :Therapeutic immunization against *Helicobacter mustelae* infection in naturally infected ferrets. *Gastroenterology* 110:1770-5 .
-
-

-
-
- Cummings DE, Shannon MH 2003:**Roles for ghrelin in the regulation of appetite and body weight. *Archives of Surgery* . 138:389-96.
- Cutler AF, Prasad VM, Santogade P 1998 :** Four-year trends in *Helicobacter pylori* IgG serology following successful eradication. *Am J Med* 105:18-20 .
- Czinn SJ 1997:** What is the role for vaccination in *Helicobacter pylori*? *Gastroenterology* 113(Suppl.6):5149-53 .
- Day AS, Jones NL, Lynett JT, et al;2000 :** cagE is a virulence factor associated with *Helicobacter pylori*-induced duodenal ulceration in children .*J Infect Dis.* 181:1370-1375 .
- DeMaeyer E, Adiels-Tegman M.1985:** The prevalence of anemia in the world . *World Health Statistics Quarterly*; 38:303-16 .
- Dhaenens L, Szczebara F, Husson MO. 1997:**Identification, characterization and immunogenicity of the lactoferrin-binding protein from *Helicobacter pylori*. *Infect Immun* .65: 514-8.
- Doig P, Austin JW, Trust TJ. 1993 :** The *Helicobacter pylori* 19.6-kilodalton protein is an iron-containing protein resembling ferritin. *J Bacteriol.* 61:2694-7.
- Donovan A, Lima CA, Pinkus JL, et al;2005 :** The iron exporter ferroportin/ Slc40a1 is essential for iron homeostasis. *Cell Metab*1: 191–200.
- Drumm B, Day AS, Gold B. et al. 2004:** *Helicobacter pylori* and peptic ulcer: Working Group Report of the Second World Congress of Pediatric Gastroenterology, Hepatology, and Nutrition. *J Pediatr Gastroenterol Nut.* .39 s626-s631.
-
-

-
-
- Drumm B, Perez-Perez,GI Blaser MJ,Sherman PM.1990:**
Intrafamilial clustering of *Helicobacter pylori* infection N
Engl J Med.322:359-363 .
- DuBois S, Kearney DJ.2005 :**Iron-Deficiency Anemia and H. Pylori
infection, Review of the Evidence. Am J Gastroenterol 100
(2), 453-459 .
- Dufour C, Brisigotti M, Fabretti G, Luxardo P, Mori PG,
Barabino A. 1993:** *Helicobacter pylori* gastric infection and
sideropenic refractory anemia.*J Pediatr Gastroenterol
Nutr*17:225-7.
- Dunn BE, Roop RM, Sung CC et al., 1992 :** Identification and
purification of a cpn 6a heat shock protein homologue from
Helicobacter pylori . Infect Immun 60 :1946 .
- Eaton KA, Morgan DR and Krakowa S 1989:**Campylobacter
pylori virulence factors in gnotabiotic piglets. Infect Immune
57:1119.
- El-Omar E, Penman ID, Ardill JES et al;1995 :** *Helicobacter pylori*
infection and abnormalities of acid secretion in patients with
duodenal ulcer disease. Gastroenterology 109:681-91 .
- El-Zimaity HM, Graham DY 1999 :** Evaluation of gastric mucosal
biopsy site and number for identification of *Helicobacter*
pylori or intestinal metaplasia: role of the Sydney System.
Hum Path .30:72-7.
- El-Zimaity HMT, Graham DY, Al Assi MT Malary et al; 1996 :**
Interobserver variation in the histopathological assessment of
Helicobacter pylori gastritis. Hum. Pathol. 27:35-41 .
- Enroth H and Engstrand L 1995 :** Immunom-agnetic separation and
PCR for detection of *Helicobacter pylori* in water and stool
specimens . J . Clin. Microbiol ; 33 :2162-5 .
-
-

-
-
- Evans DJ, Evans DG, Kirkpatrick SS et al., 1991:** Characterization of the *Helicobacter pylori* urease and purification of its subunits . *microb . Pathol .* 10 :15-7 .
- Fall CH, Goggin PM, Hawtin P, Fine D ET AL,(1997):**Growth in infancy, childhood living condition, and *Helicobacter pylori* infection at age 70. *Arch-Dis- Child*:77(4):310-314.
- Figura N, Guarino E, Gragnoli A et al; 1996 :** H. *Pylori* infection and thyroid diseases. *Gut* 39(Suppl.2):93 .
- Fischer W, Puls J, Buhrdorf R, et al; 2001 :**Systematic mutagenesis of the *Helicobacter pylori* *cag* pathogenicity island :essential genes for CagA translocation in host cells and induction of interleukin-8.*Mol Microbiol.* 42:1337-1348 .
- Flowers CH,Skikne BS, CovellAM, CookJD .1989:** The clinical measurement of serum transferrin receptor.*J Lab Clin Med* .114:368-77.
- Fomon SJ.1993 :** Iron. In: *Nutrition of Normal Infants*. St. Louis: Mosby-Year Book, p239–59.
- Forbes GM, Glaser ME, Cullen DJE et al;1994 :** Duodenal ulcer treated with *Helicobacter pylori* eradication. Seven-years follow-up. *Lancet* 343:256-8 .
- Fox JG, Blanco M, Murphy JC, Taylor NS, Lee, A, Kablok Z and Pappo J 1993 :** Local and systemic immune responses in murine in *Helicobacter felis* active-chronic gastritis. *Infect.Immunol.*61:2309-15.
- Fox JG, Dewhirst FE, Shen Z et al; 1998 :** Hepatic *Helicobacter* species identified in bile and gallbladder tissue from Chileans with chronic cholecystitis. *Gastroenterology* 114:755-763 .
-
-

-
-
- Francavilla R, Lionetti E, Castellaneta SP, et al;2005** : Improved efficacy of 10-Day sequential treatment for *Helicobacter pylori* eradication in children: a randomized trial. *Gastroenterology*. 129(5):1414-9.
- GaborVeres and Ender Pehlivanoglu (2007)** : *Helicobacter pylori* infection in pediatrics 1st Department of Pediatrics, Semmelweis University, Budapest, Hungary, Division of Pediatric Gastroenterology, Hepatology, and Nutrition, Journal compilation ©.Blackwell Publishing Ltd *Helicobacter pylori* 12 (Suppl.1):38-44
- Gasbarrini A, De Luca A, Fiore G et al;1998** : Beneficial effects of *Helicobacter pylori* eradication on migraine. *Hepatogastroenterology* 21:765 70 .
- Gasbarrini A, Franceschi F, Armuzzi A, Ojetti V, Candelli M, Torre ES, De Lorenzo A, Anti M, Pretolani S and Gasbarrini G 1999**: Extradigestive manifestation of *Helicobacter pylori* gastric infection. *Gut* 45(Suppl.I) : 19-112 .
- Gisbert JP, Luna M, Gomez B, et al;2006** : Recurrence of *Helicobacter pylori* infection after several eradication therapies: long-term follow-up of 1000 patients. *Aliment Pharmacol Ther.* 23(6):713-9.
- Go MF and Crowe SE 2000** : Virulence and pathogenicity of *Helicobacter pylori*. *Gastroenterol. Clin. North Am.*29(3): 649-70 .
- Gold BD, Colletti RB, Abbott M, et al. 2000**: *Helicobacter pylori* infection in children recommendations for diagnosis and treatment. *J Pediatr Gastroenterol Nut.* 31:490-497.
-
-

-
-
- Goodman KJ and Correa P 2000** :Transmission of *Helicobacter pylori* among siblings. *Lancet* 355:358-362 .
- Goodwin CS 1988** : Duodenal ulcer, *Campylobacter pylori* and the "leaking roof" concept. *Lancet* 2:1467-9 .
- Goodwin CS and Armstrong JA 1990** : Microbiological aspects of *Helicobacter pylori* (*Campylobacter pylori*) *Eur. Clin . Microbiol. Infect. Dis* 9:1-4 .
- Grimley CE, Holder RL, Loft DE, Morris A and Nwokolo CU 1999**: *Helicobacter pylori*-associated antibodies in patients with duodenal ulcer, gastric adenocarcinoma. *Eur.J. Gastroenterol. Hepatol.* 11(5):503-9 .
- Guiraldes E, Duarte I, Pena A, et al;2001** :Proinflammatory cytokine expression in gastric tissue from children with *Helicobacter pylori*-associated gastritis.*J Pediatr Gastroenterol Nutr.* 33:127-132.
- Gunshin H, Mackenzie B, Berger UV, et al;1997** : Cloning and characterization of a mammalian proton-coupled metal-ion transporter. *Nature* **388**: 482–88.
- Gutierrez O, Melo M, Segura AM, Angel A, Genta RM,Graham DY. 1997** : Cure of *Helicobacter pylori* infection improves gastric acid secretion in patients with corpus gastritis. *Scand JGastroenterol* .32:664-8.
- Han SW, Flamm R, Hachmen CY et al.,1994** :Transport and storage of gastric biopsies and cultures containing *Helicobacter pylori* *Gastroenterology* 106 :89-92 .
- Hardin and Dr Wright 2002**: *Helicobacter pylori* : PP.23-31 www.turner-white.com.
-
-

-
-
- Harry HX and Nicholas JT 1997:**Natural acquisition and spontaneous elimination of *Helicobacter pylori* infection : Clinical implications. *Am. J.Gastroenterol.* 92(10):1780-7 .
- Hassal E and Dimmick JE 1991 :** Unique features of *H. pylori* diseases in children .*Dig Dis Sci* 36:417 .
- Hatzifoti C, Wren BW, and Morrow WJ 2000 :** *Helicobacter pylori* vaccine strategies-triggering a gut reaction. *Immunol. Today* 21(12): 615-9 .
- Heatley R V and Wyatt J I 1995 :** Gastritis and Duodenitis In : *Gastroenterology* 15th ed By Haubrich W.S.Schaffnen F. and Bark JE WB Saunders CO.,Philadelphia, London, Toronto, Montreal, Sydney , Tokyo . P . 633-55 .
- Heczko U, Smith VC, Mark MA.Buchan AM and Finlay BB (2000):** Characteristics of *Helicobacter pylori* attachment to human primary antral epithelial cell. *Microbes Infect.*2(14):1669-76.
- Heldenberg D, Wagner Y, Heldenberg E et al;1995 :** The role of *Helicobacter pylori* in children with recurrent abdominal pain. *Am. J . Gastroenterol.* 90(6):906-9 .*Helicobacter.* 7:237-44.
- Henry C, Baggett, Alan J .Parkinson ,Pam T .Muh ,Benjamin D.Gold and Bradford D.Gessner 2006:**Endemic Iron deficiency associated with *Helicobacter pylori* infection among school-aged children in Alaska *Pediatrics* ; 117;e396-e404;
- Henry J. Windle, Dermot Kelleher and Jean E. Crabtree 2007:** Childhood *Helicobacter pylori* infection and growth impairment in developing countries:A Vicious Cycle. *Pediatrics*119; e754-e759 .
-
-

-
-
- Houghton J, Fox JG, Wang TC 2002** : Gastric cancer:laboratory bench to clinic. *J Gastroenterol Hepatol*. 17:495-502.
- Huang H-Q and Hunt RH. 1999**: Treatment after failure : the problem of non-responders. *Gut*.45:140-5.
- Human Nutrition Research, Elsie Widdowson** Laboratory, Cambridge CB1 9NL, UK. Brown LM. *Helicobacter pylori*: epidemiology and routes of transmission. *Epidemiol Rev* 2000 ; 22:283-97.
- Hupertz V and Czinn S 1988** : Demonstration of a cytotoxin from *Campylobacter pylori*. *Eur J Clin Microbiol Infect Dis* : 7:576 .
- Hussell I, Isaacson PG, Crabtree JE and Spencer J 1996** : *Helicobacter pylori* specific, tumor infiltrating T-cells provide contact dependent help for growth of malignant B-cells in low-grade gastric lymphoma of mucosa-associated lymphoid tissue.*J.Pathol*. 178:122-7 .
- Husson MO,Legrand D, Spik G, Leclerc H. 1993** : Iron acquisition by *Helicobacter pylori*: importance of human lactoferrin. *Infect Immun*;61:2694-7.
- Hutchinson C, Geissler CA, Powell JJ, BomforA.2007**: Proton pump inhibitors suppress absorption of dietary non-haem iron in hereditary haemochromatosis. *Gut*. 56:1291-1295.
- Institute of Medicine.2001** : Iron. In: Dietary Reference Intakes for Vitamin A, Vitamin K, Arsenic, Boron, Chromium, Copper, Iodine, Iron, Manganese, Molybdenum, Nickel, Silicon, Vanadium, and Zinc. Washington, DC: National Academy Press, 290–393.
- International Update Conference on Helicobacter pylori by the American Digestive Health Foundation 1997**: Digestive
-
-

-
-
- health initiative. Paper presented at: International Update Conference on *Helicobacter pylori* May 14, Washington, D.C.
- Iovino P, et al;2004;** *Helicobacter pylori* impairs iron absorption in infected individuals. *Dig Liver Dis.* 36:455-60.
- Isomoto H, Ueno H, Nishi Y, Wen C, Nakazato M, Kohno S.2005 :** Impact of *Helicobacter pylori* infection on ghrelin and various neuroendocrine hormone in plasma. *World Journal of Gastroenterology ;*11:1644-8.
- Jacobson K. 2005:** The changing prevalence of *Helicobacter pylori* infection in Canadian children: should screening be performed in high- risk children? *Can J Gastroenterol;* 19:412-4.
- James Versalovic, MD, PhD. Doudenal ulcer; Gastric2003:** adenocarcinoma; Gastric cancer; *Helicobacter pylori*; MALAT lymphoma; Peptic ulcer; Urease testing; serology *Am J Clin Pathol.*119:403-412.
- Johnson-Henry KC, Michell DJ, Avitzur Y, Galindo-Mata E, Jones NL, Sherman PM. 2004 :** Probiotics reduce bacterial colonization and gastric inflammation in *H. Pylori* infected mice. *Dig Dis Sci.* 49:1095-1102 .
- Joseph, J.,M.D. Irwin, T. Jeffery and D.O.Kirchner,2001 :** Anemia in children. *J. Am. Fam. Physician,* 64:1369-86 .
- Kalach N, Bergeret M, Benhamou PH, Dupont C, Raymond J 2001:**High levels of resistance to metronidazole and clarithromycin in *Helicobacter pylori* strains in children. *J Clin Microbiol.* 39:394-397.
-
-

-
-
- Kappus KK, Juranek DD, Roberts JM. 1991:**Results of testing for intestinal parasites by state diagnostic laboratories, United States, 1987. *MMWR CDC Surveill Summ.* 1991;40 :25 –45
- Karita M, Teramukai S, Matsumoto S. 2003 :** Risk of *Helicobacter pylori* transmission from drinking well water is higher than that from infected intrafamilial members in Japan . *Dig Dis Sci*; 48:1062-1067.
- Karttunen RA, Karttunen TJ, Yousfi MM, et al;1997 :** Expression of mRNA for interferon-gamma, interleukin-10, and interleukin-12 (p40) in normal gastric mucosa and in mucosa infected with *Helicobacter pylori*. *Scand J Gastroenterol.* 32:22-27 .
- Kato S, Fujimura S, Udagawa H, et al; 2002:** Antibiotic resistance of *Helicobacter pylori* strains in Japanese children. *J Clin Microbiol.*40:649-653 .
- Kato, Philip M. Sherman, 2005:** What is new related to *Helicobacter pylori* infection in children and teenagers? *Arch Pediatr Adolesc Med/VoL* 159.414-421.
- Keates S, Hitti YS, Upton M, et al;1997:** *Helicobacter pylori* infection activates NF–kappa B in gastric epithelial cells .*Gastroenterology* .113:1099-1109 .
- Kepczyk T and Kadakia SC. 1995 :** Prospective evaluation of gastrointestinal tract in patients with iron-deficiency anemia. *Dig Dis Sci* 40:1283-1289 .
- Kerr JR, Al-Khattaf A, Barson AJ and Burnie JP(2000):** An association between sudden infant death syndrome(SIDS) and *Helicobacter pylori* infection *Arch. Dis Child.* 83(5):429-34.
-
-

-
-
- Khurana R, Fischbach L, Chiba N, et al; 2007 :** Meta-analysis: *Helicobacter pylori* eradication treatment efficacy in children. *Aliment Pharmacol Ther.* 25(5):523-36.
- Kivi M, Tindberg Y, Sorberg M, et al.2003:**Concordance of *Helicobacter pylori* strains within families. *J Clin Microbiol.* 41:5604-5608 .
- Kliegman RM, Behrman RE, Jenson HB, Stanton BF, eds. 2007:** Nelson Textbook of Pediatrics. 18th edn. Philadelphia: WB Saunders, **2007:** 2944 Table 715-6 .
- Knutson MD, Vafa MR, Haile DJ, Wessling-Resnick M.2003:** Iron loading and erythrophagocytosis increase ferroportin 1 (FPN1)expression in J774 macrophages.*Blood* **102**:4191–97.
- Ko GH, Park HB, Shin MK et al ; 1997:** Monoclonal antibodies against *Helicobacter pylori* cross-react with human tissue. *Helicobacter* 2:210-5 .
- Konno M, Muraoka S, Takahashi M, Imai T. 2000 :**Iron-deficiency anemia associated with *Helicobacter pylori* gastritis. *J Pediatr Gastroenterol Nutr* 31:52-6.
- Kostaki M, Fessatou S, Karpathios T. 2003 :** Refractory iron deficiency anaemia due to silent *Helicobacter pylori* gastritis in children. *Eur J Paediatr* 162:177-9.
- Lamouliatte H, Megraud F, Delchier JC. Et al;2003 :** Second-line treatment for failure to eradicate *Helicobacter pylori* :a randomized trial comparing four treatment strategies. *Aliment Pharmacol Ther.* 18:791-797 .
- Lanzkowsky P. 2000:**Iron deficiency anemia. In: *Pediatric Hematology Oncology.* 3rd edn. San Diego : Academic Press. 48.
-
-

-
-
- Lee A, Fox J and Hazell S 1993** :Pathogenicity of *Helicobacter pylori* : A perspective infect. Immunol. 61:1601-10 .
- Lee JU, Jung K, Kim O. 2006** : Absence of vertical transmission of *Helicobacter pylori* in an experimental murine model. J Vet Sci;7:225-8.
- Lehmann FS, Terracciano L, Carena I, et al;2002**:In situ correlation of cytokine secretion and apoptosis in *Helicobacter pylori*-associated gastritis.Am J Physiol Gastrointest Liver Physiol. 283:G481-G488 .
- Lerang F, Haug JB, Moum B, et al; 1998** : Accuracy of IgG serology and other testes in confirming *Helicobacter pylori* eradication. Scand J Gastroenterol 33:710-5 .
- Lippincott Williams & Wilkins, Inc November 2000.**, Philadelphia .
Blaser MJ, Atherton JC . *Helicobacter pylori* persistence :biology and disease .J Clin Invest. 2004;113:321-333.
- Lombard M, Chua E, O'Toole P. 1997** : Regulation of intestinal nonhaem iron absorption. *Gut*40:435-9.
- Looker AC, Dallman PR, Carroll MD, Gunter EW, Johnson CL.1997** : Prevalence of iron deficiency in the United States. JAMA; 277 (12):973-976.
- Lowe JA, Falek V, Van Rensberg C et al;1993** : Distribution of *Helicobacter pylori* colonization and associated gastric inflammatory changes, difference between patients with duodenal and gastric ulcer J. Clin. Pathol.46:754-6 .
- Luqmani YA,Campbell TA, Bennet C, Coombes RC, Peterson IM.(1991)** :Expression of lactoferrin in stomach. Int J Cancer. 49:684-7.
- Maherzi-A, Fendri C, Ben-Jilani S et al ; 1996** : Symptomatic *Helicobacter pylori* infection: prospective study of
-
-

-
-
- epidemiological, diagnostic and therapeutic aspects in children Tunisia. Arch. Pediatr., Apr. 3(4):329-34 .
- Mahmoud A Mohammad , Laila Hussein ,Andy Coward and Sarah J Jackson2007** :Prevalence of Helicobacter pylori infection among Egyptian children:impact of social background and effect on growth.11(3).230-236.
- Mahu JL, Leclercq C, Suquet JP1990**:Usefulness of red cell distribution width in association with biological parameters in an epidemiological survey of iron deficiency in children. Int J Epidemiol19:646-654.
- Malaty HM and Graham DY (1994)**: Importance of childhood socioeconomic status on the current prevalence of Helicobacter pylori infection. Gut. 35:742-745.
- Marcel E Conrad, MD, 2009** :(Retired) Distinguished Professor of Medicine, University of South Alabama . Aug 2009.
- Marchetti M, Arico B, Burroni D, Figura N, Rappuoli R and Ghiara P 1995** : Development of a mouse model of Helicobacter pylori infection that mimics human disease. Science 267:1655-8 .
- Marignani M, Angeletti S, Bordi C, Malagnino F, Mancino C, Delle Fave G, et al; 1997**: Reversal of long-standing iron deficiency anaemia after eradication of Helicobacter pylori infection. Scand J Gastroenterol 32:617-22.
- Marshall BG and Warren JR 1983** :Unidentified curved bacillus on gastric epithelium in active chronic gastritis Lancet 1:1273.
- Mastukura N, Onda M, Tokunaga A et al; 1995** : Detection of Helicobacter pylori DNA in gastric juice by the polymerase chain reaction : comparison with findings in bacterial culture
-
-

-
-
- and the detection of tissue IgA and serum IgG antibodies against *Helicobacter pylori* J. Gastroenterol.30(6):689-695 .
- Mateos Gonzalez ME, de la Cruz Bertolo J, Lopez Laso E, Valdes Sanchez MD, Nogales Espert A.2009** : [Review of haematology and biochemistry parameters to identify iron deficiency] [Spanish]. *An Pediatr(Barc)*. 71(2):95-102.
- McColl KE, El-Omar E and Gillen D 2000** : *Helicobacter pylori* gastritis and gastric physiology. *Gastroenterol. Clin. North Am.* 29(3): 687-703 .
- McColl KE2009** : Effect of proton pump inhibitors on vitamins and iron. *Am J Gastroenterol.* ;104 Suppl 2:S5-S9.
- McKie AT, Barrow D, Latunde-Dada GO, et al;2001** : An iron-regulated ferric reductase associated with the absorption of dietary iron. *Science* 291: 1755–59.
- McLoughlin MT,Tham TC.2009:** Long-term follow-up of patients with iron deficiency anaemia after a negative gastrointestinal evaluation. *Eur J Gastroenterol Hepatol.* 21(8):872-6.
- Medline Plus Medical Encyclopedia 2008:** Total iron binding capacity". Retrieved -12-31.
- Megraud F1993** : Epidemiology of *H. pylori* infection . *Gastroenterol Clin . North Am.* 22:73-78 .
- Mendall MA, Goggin PM, Molineaux N et al;1994** : Relation of *Helicobacter pylori* infection and coronary heart disease. *Br . Heart J*, 71:437-9 .
- MF, et a; 1993** : Effect of eradication of *Helicobacter pylori* on gastric juice ascorbic acid concentrations. *Gut*.34:1038-41.
- Michael A. Pesce, Ph. D.2000** : Nelson Textbook of Pediatrics. 16th edn Associate professor of clinical phathology, Columbia University College of Physicians and Surgeons;Director,
-
-

Specialty Laboratory, New York Presbyterian Hospital at Columbia-Presbyterian Medical Center, New York, New York.

Michael B Zimmermann MD, RF Hurrell PhD.2007: Nutritional iron deficiency Switzerland Lancet 370:511-20.

Michetti P, Codrhesy-Theulaz I, Davin C et al; 1994: Immunization of mice against *Helicobacter felis* infection with *Helicobacter pylori* urease. Gastroenterology 107:1002-11 .

Michetti P, Kreiss C, Kotloff KL, Porta N, Blanco JL, Bachmann D et al; 1997 : Oral immunization of *Helicobacter pylori* infected adults with recombinant urease and LT adjuvant. Gastroenterology 112:1042-4 .

Micromedex Healthcare Series, 2007: Thomson Healthcare Inc.

Midolo P, Marshall RJ 2000 : Accurate diagnosis of *Helicobacter pylori*. Urease tests. Gastroenterol Clin North Am29:871-8 .

Miyaji H , Kohli Y , Azuma T et al., 1995: Endoscopic cross-infection with *Helicobacter pylori* . Lancet .345:464-7 .

MMWR Morb Mortal Wkly Rep 1998:Centers for Disease Control and Prevention . Recommendations to prevent and control iron deficiency in the United States. 47(RR-3):1-29.

MMWR Morb Mortal Wkly Rep. 1999: Centers for Disease Control and Prevention. Iron deficiency anemia in Alaska Native children–Hooper Bay, Alaska, 1999;48 :714 –716

MMWR Morb Mortal Wkly Rep. 2002: Centers for Disease Control and Prevention. Iron Deficiency-United States, 1999–2000. 51 :897 –899

Mobley HL,Cortesia MJ,Rosenthal LE,Jones BD 1988: Characterization of urease from *Campylobacter pylori*. J Clin Microbiol 26:831-6 .

-
-
- Monteiro L, de Mascarel A, Sarrasqueta AM, et al; 2001 :** Diagnosis of *Helicobacter pylori* infection: noninvasive methods compared to invasive methods and evaluation of two new tests. *Am J Gastroenterol* 96:353-8 .
- Moon A, Solomon A, Beneck D and Cunningham-Rundles S. 2009:** Positive association between *Helicobacter pylori* and gastroesophageal reflux disease in children. *J Pediatr Gastroenterol Nutr.* 49(3):283-8.
- Morris A, Nicholson G.1987:** Ingestion of *Campylobacter pyloridis* causes gastritis and raised fasting gastric PH .*Am J Gastroenterol*.;82:192-199.
- Moss SF and Calam J 1993 :**Acid secretion and sensitivity to gastrin in patients with duodenal ulcer . Effect of eradication of *H. pylori* *Gut* 34:888-92.
- Moss SF and Calam J, Agarwal B, Wang S and Holt PR (1996):** Introduction of gastric epithelial apoptosis by *Helicobacter pylori*. *Gut* 38:498-501.
- M. Saljoughian,2007:** PharmD, PhD Department of Pharmacy, Alta Bates Summit Medical Center, Berkeley, California.
- Munzenmaier A, Lange C, Glocker E, et al; 1997 :** A secreted/shed product *Helicobacter pylori* activates transcription factor nuclear factor-kappa B. *J Immunol.*159:6140-6147 .
- Murakami K, Sato R, Okimoto T. et al;2003 :**Efficacy of triple therapy comprising rabeprazole, amoxicillin and metronidazole for second-line *Helicobacter pylori* eradication in Japan, and the influence of metronidazole resistance . *Aliment Pharmacol Ther.* 17:119-123 .
- Mutaz I Sultan, MBChB, 2010 :** Instructor and Fellow, Department of Pediatrics, Division of Gastroenterology and Nutrition,
-
-

Medical College of Wisconsin, Children's Hospital Apr 7, 2010

- Nakao K, Imoto I, Gabazza EC, Yamauchi K, Yamazaki N, Taguchi Y, et al; 1997** : Gastric juice levels of lactoferrin and *Helicobacter pylori* infection. *Scand J Gastroenterol.* 32:530-4.
- Nedrud JG and Czinn SL 1997** : *Helicobacter pylori*. *Curr. Opin. Gastroenterol.* 13:71-8 .
- Nemeth E, Tuttle MS, Powelson J, et al; 2004**: Heparin regulates cellular iron efflux by binding to ferroportin and inducing its internalization. *Science* **306**: 2090–93.
- Nemeth E, Valore EV, Territo M, Schiller G, Lichtenstein A, Ganz T. 2003** : Heparin, a putative mediator of anemia of inflammation, is a type II acute-phase protein. *Blood* **101**: 2461–63.
- Nicolas G, Chauvet C, Viatte L, et al; 2002** : The gene encoding the iron regulatory peptide heparin is regulated by anemia, hypoxia, and inflammation. *J Clin Invest* **110**: 1037–44.
- Ohkusa T, Fujiki K, Takashimizu I, Kumagai J, Tanizawa T and Eishi Y 2000** : Endoscopic and histological comparison of nonulcer dyspepsia with and without *Helicobacter pylori* infection evaluated by the modified Sydney system. *Am. J. Gastroenterol.* 95(9):2195-9 .
- Paoluzi OA, Visconti E, Andrei F, et al; 2010** : Ten and eight-day sequential therapy in comparison to standard triple therapy for eradicating *Helicobacter pylori* infection: a randomized controlled study on efficacy and tolerability. *J Clin Gastroenterol.* 44(4):261-6.

-
-
- Pappo J, Thomas WD Jr, Kabok Z et al; 1995** : Effect of oral immunization with recombinant urease on murine *Helicobacter felis* gastritis *Infect. Immunol.*63:1246-52 .
- Parkinson AJ, Gold BD, Bulkow L, et al;2000**: High prevalence of *Helicobacter pylori* in the Alaska native population and association with low serum ferritin levels in young adults. *Clin Diagn Lab Immunol.* 7 :885 –888
- Pasceri V, Casmmarota G, Patti G et al;1998** : Association of virulent *Helicobacter pylori* strains with ischemic heart disease. *Circulation* 97:1675-9 .
- Patel P, Mendall MA, Khulusi S, Northfield TC and Strachan DP 1994** : *Helicobacter pylori* infection in childhood: risk factor and effect on growth.
- Pellicano R, Rizzetto M. 2004** : Is hepcidin the bridge linking *Helicobacter pylori* and anemia of chronic infection? A research proposal. *Panminerva Medica.* 46:165-9.
- Perez-Perez GI 2000** : Accurate diagnosis of *Helicobacter pylori*. Culture, including transport. *Gastroenterol Clin north Am*29:879-84 .
- Perez-Perez GI and Blaser MJ 1987** :Conservation and diversity of *Campylobacter pylori* major antigens .*Infect Immune* 55:1256 .
- Perez-Perez GI, Dworkin BM, Chodos JE, et al;1988** : *campylobacter pylori* antibodies in humans.*Ann Intern Med.*109:11-17 .
- Perri F, Pastore M, Leandro G et al; 1997** : *Helicobacter pylori* infection and growth delay in older children. *Arch. Dis. Child.*77:469 .
-
-

-
-
- Provan D.1999:** Mechanisms and management of iron deficiency anaemia. *Br J Haematol* 105 Suppl 1:19-26.
- Qiu A, Jansen M, Sakaris A, et al;2006 :** Identification of an intestinal folate transporter and the molecular basis for hereditary folate malabsorption. *Cell* 127: 917–28.
- Rathbone BJ, Wyatt JI, Worsley BW, et al;1986 :** Systemic and local antibody responses to gastric campylobacter pyloridis in non-ulcer dyspepsia.*Gut*.27:642-647 .
- Raymond J, Bergeret M, Benhamou BH, Mensah K and Dupont C 1994 :** A 2-year study of *Helicobacter pylori* in children. *J . Clin. Microbiol.*32:461-3 .
- Realdi G, Dore MP and Fastame L 1999 :**Extradigestive manifestations of *Helicobacter pylori* infection. *Dig. Dis. Sci.* 44(2):229-36 .
- Richter T,list S, Mueller DM, et al, 2001:** Five to 7-year old children with *Helicobacter pylori* infection are smaller than *Helicobacter* negative children : a cross – sectional population based study of 3315 children . *Journal of Pediatric Jastroenterology and Nutrition.* 33 : 472-5.
- Roggero E, Zucca E and Cavalli F 1997 :** Gastric mucosa-associated lymphoid tissue lymphomas: More than a fascinating model. *J . Nat. Cancer Inst.*89:1328-30 .
- Rowland M and Drumm B 1998:** Clinical significance of *Helicobacter* infection in children. *Br. Med. Bull.* 54(1): 95-103 .
- Rowland M, Imrie C, Bourke B and Drumm B 1999 :** How should *Helicobacter pylori* infected children be managed? *Gut* 45 (Suppl.1):136-9 .
-
-

-
-
- Sarker SA, Davidsson L, Mahmud H, Walczyk T, et al, 2004 :**
Helicobacter pylori infection, iron absorption and gastric acid secretion in Bangladeshi children. *Am J Clin Nutr* ; 80:149-53.
- Savio A, Franzin G, Wotherspoon AC, Zaraboni G, Negrini R, Buffoli F et al;1996 :** Diagnosis and post treatment follow-up of Helicobacter pylori-positive gastric lymphoma and mucosa-associated lymphoid tissue: Histology, polymerase chain reaction, or both? *Blood* 87:1255-60 .
- Shakola MG, Tzaneva V, Stamboliiska M and Krasnaliev I 1999:**
Helicobacter pylori and recurrent abdominal pain in children. *Gut*45 (Suppl.5):171-3 .
- Shayeghi M, Latunde-Dada GO, Oakhill JS, et al;2005 :** Identification of an intestinal heme transporter. *Cell* 122:789–801.
- Sherman PM. 2004:** Appropriate strategies for testing and treating Helicobacter pylori in children: when and how? *Am J Med*;117(suppl):30S-35S .
- Shersten Killip, M.D., M.P.H., John M. Bennett, M.D., M.P.H., And Mara D. Chambers, M.D.,2007:** University Of Kentucky, Lexington, Kentucky. *Am Fam Physician*. 1; 75(5): 671-678.
- Sheu BS, Wu JJ, Lo CY, et al; 2002:** Impact of supplement with Lactobacillus-and Bifidobacterium-containing yogurt on triple therapy for Helicobacter pylori eradication. *Aliment Pharmacol Ther*. 16:1669-1675.
- Skikne BS, Flowers CH, Cook JD.1990:** Serum transferrin receptor: a quantitative measure of tissue iron deficiency. *Blood* 75: 1870–76.
-
-

-
-
- Slomiany BL and Slomiany A 1992:** Mechanism of *Helicobacter pylori* pathogenesis focus on mucus. J .Clin. Gastroenterol. 14 (Suppl. 1): 114-21.
- Sobala GM, Schorah CJ, Shires S, Lynch DA, Gallacher B, Dixon Banerjee S, Hawksby C, Miller S, Dahill S, Beattie AD, McColl KE. 1994:** Effect of *Helicobacter pylori* and its eradication on gastric juice ascorbic acid. *Gut*.35:317-22.
- Sobala GM, Crabtree JE, Dixon MF, et al; 1991:** Acute *Helicobacter pylori* infection. Clinical features, local and systemic immune response, gastric mucosal histology, and gastric juice ascorbic acid concentrations. *Gut*. 32:1415-1418.
- Stoltzfus RJ, Chwaya HM, Tielsch JM, et al, 1997:** Epidemiology of iron deficiency anemia in Zanzibari schoolchildren : The importance of hookworms. *Am J Clin Nutr*.65:153-159.
- Stray-pedersen A, Gaustad P, Stray-pedersen B, Rognum TO. 2007:** Detection rate of *Helicobacter pylori* stool antigen in newborn infants and small children. 35:155-8.
- Suerbaum S, Michetti P.2002:** *Helicobacter pylori* infection .*N Engl J Med*; 347:1175-1186.
- Talley NJ and Hunt RH 1997:** Disease associations and *Helicobacter pylori*. *Gastroenterology* 113 (Suppl.6):67-77.
- Tebbe B, Geilen CC, Schulzke JD, Bojarski C, Radenhausen M and Orfanos CE 1996 :** *Helicobacter pylori* infection and chronic urticaria. *J .Am. Acad. Dermatol*.34:685-6 .
- Thiede C,Morgner A,Alpen B, Wundisch T,Herrmann J, Ritter M, Ehninger G,Stolte M, Bayerdorffer E and Neubauer A 1997:**What role does *Helicobacter pylori* eradication play in
-
-

-
-
- gastric MALT and gastric MALT lymphoma?
Gastroenterology 113(Suppl.6):61-4 .
- Thomas JE, Dale A, Bunn JE, Harding M, Coward WA, Cole TJ, et al.2004:** Helicobacter pylori colonization : the association with growth faltering in the Gambia. Archives of Disease in Childhood .89:1149-54 S.M.
- Thomas JE, Whatmore AM,Borer MR et al.,1990 :** Serodiagnosis of Helicobacter pylori infection in children J Clin Microbiol 28:2641-2646 .
- Tindberg Y,Bengtsson C,Bergstrom M and Gramstrom M 2001:** The accuracy of serologic diagnosis of Helicobacter pylori infection in school-aged children of mixed ethnicity. Helicobacter 6:24-30 .
- Tomita T,Jackson AM, Hida N et al;2001:**Expression of interleukin-18,a Th1 cytokine, in human gastric mucosa is increased in Helicobacter pylori infection. J Infect Dis.183:620-627.
- Torres J, Perez – Perez G, Goodman KJ, et al, 2000:** A comprehensive review of the natural history of Helicobacter pylori infection in children . Arch Med Res. 31:431 – 469.
- United Nations Administrative 2005:** Committee on Coordination, SubCommittee on Nutrition (ACC/SCN). Fourth Report on the World Nutrition Situation. Geneva, Switzerland: ACC/SCN in Collaboration with International Food Policy Research Institute; 2000. Available Accessed January 12, 2005
- Vaira D, Menegatti M and Miglioli M 1997 :** What is the role of Helicobacter pylori in complicated ulcer disease. Gastroenterology 113(Suppl.6): 78-84 .
-
-

-
-
- Vaira D, Vakil N 2001** : Blood, urine, stool, breath, money, and *Helicobacter pylori*. Gut 48:287-9 .
- Van Vliet AH, Stoof J, Vlasblom R, Wainwright SA, Hughes NJ, Kelly DJ, et al; 2002**: The role of the Ferric Uptake Regulator (Fur) in regulation of *Helicobacter pylori* iron uptake.
- Van Zeben D, Bieger R, van Wermeskerken RK, Castel A, Hermans J.1990**: Evaluation of microcytosis using serum ferritin and red blood cell distribution width. Eur J Haematol.44(2):106-9.
- Warren JR 2000**: Gastric pathology associated with *Helicobacter pylori*. Gastroenterol. Clin.North Am.29(3):705-51 .
- Webb PM and Forman D 1995**: *Helicobacter pylori* as risk factor for cancer. Clin. Gastroenterol. 9:563-83 .
- Wetherall BL and Johnson AM 1989**: Hemolytic activity of *Campylobacter pylori*. Eur J Clin Microbiol Infect Dis 8:706 .
- WHO\UNICEF\UNU.2001**:Iron Deficiency Anemia Assessment, Prevention and Control.Geneva: World Health Organization.
- World J. 2009**: Gastroenterol October 7; 15(37): 4638–4643. Published online October 7. doi: 10.3748/wjg.15.4638.
- Yamanishi H, Iyama S, Yamaguchi Y, Kanakura Y, Iwatani Y (January 2003)**. "Total iron-binding capacity calculated from serum transferrin concentration or serum iron concentration and unsaturated iron-binding capacity". Clin. Chem. 49 (1): 175–8. PMID 12507977.
- Yang YJ, Sheu BS, Lee SC, Yang HB, Wu JJ. 2005**: Children of *Helicobacter pylori*-infected dyspeptic mothers are predisposed to *H. pylori* acquisition with subsequent iron
-
-

deficiency and growth retardation. *Helicobacter*. 10 :249 – 255.

Yaghoobi M, Farrokhyar F, Yuan Y and Hunt RH. 2010: Is There an Increased Risk of GERD After *Helicobacter pylori* Eradication?: A Meta-Analysis. *Am J Gastroenterol*. Jan 19 2010;[Medline].

Yip R, Limburg PJ, Ahlquist DA, et al; 1997: Pervasive occult gastrointestinal bleeding in an Alaska Native population with prevalent iron deficiency. Role of *Helicobacter pylori* gastritis. *JAMA*. 277 :1135 –1139

Yoshida NR, Webber EM, Fraser RB et al; 1996: *Helicobacter pylori* is not associated with non-specific abdominal pain in children. *J . Pediatr. Surg*. 31(6):747-9.

Yuk Him, Chung Kwong Yeung, Kim Hung Lee, et al,2008 : *Helicobacter pylori*, children, Hong Kong. *Journal compilation© Blackwell Publishing Ltd, Helicobacter* 13:219-224.

Zojaji H, Talaie R, Mirsattari D, et al; 2009: The efficacy of *Helicobacter pylori* eradication regimen with and without vitamin C supplementation. *Dig Liver Dis*. 41(9):644-7.