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## Haemophilus Infections

Haemophilus is the name of a group of bacteria. There are several types of Haemophilus. They can cause different types of illnesses involving breathing, bones and joints, and the nervous system.

One common type, Hib (Haemophilus influenzae type b), causes serious disease. It usually strikes children under 5 years old. Your child can get Hib disease by being around other children or adults who may have the bacteria and not know it. The germs spread from person to person. If the germs stay in the child's nose and throat, the child probably will not get sick. But sometimes the germs spread into the lungs or the bloodstream, and then Hib can cause serious problems such as meningitis [<https://medlineplus.gov/meningitis.html>] and pneumonia [<https://medlineplus.gov/pneumonia.html>] .

Treatment is with antibiotics. There is a vaccine to prevent Hib disease. All children younger than 5 years of age should be vaccinated with the Hib vaccine.

*Centers for Disease Control and Prevention*

### Start Here

- About Haemophilus influenzae Disease [<https://www.cdc.gov/hi-disease/about/>] (Centers for Disease Control and Prevention)  
Also in Spanish [<https://www.cdc.gov/hi-disease/es/about/acerca-de-la-enfermedad-por-haemophilusinfluenzae.html>]
- Haemophilus Influenzae Type B (Hib): Questions and Answers [<https://www.immunize.org/wp-content/uploads/catg.d/p4206.pdf>] (Immunization Action Coalition) - PDF
- Hib Vaccination [<https://www.cdc.gov/hi-disease/vaccines/>] (Centers for Disease Control and Prevention)

### Symptoms

- Haemophilus influenzae Disease Symptoms and Complications [<https://www.cdc.gov/hi-disease/symptoms/>] (Centers for Disease Control and Prevention)

### Diagnosis and Tests

- Haemophilus Influenzae Type b [<https://www.healthychildren.org/English/health-issues/vaccine-preventable-diseases/Pages/Haemophilus-Influenzae-type-b.aspx>] (American Academy of Pediatrics)  
Also in Spanish [<https://www.healthychildren.org/spanish/health-issues/vaccine-preventable-diseases/paginas/haemophilus-influenzae-type-b.aspx>]

### Prevention and Risk Factors

- Haemophilus Influenzae Type b (Hib) Vaccine: What You Need to Know [<https://www.cdc.gov/vaccines/hcp/current-vis/downloads/hib.pdf>] (Centers for Disease Control and Prevention) - PDF  
Also in Spanish [[https://www.immunize.org/wp-content/uploads/vis/spanish\\_hib.pdf](https://www.immunize.org/wp-content/uploads/vis/spanish_hib.pdf)]
- Risk Factors for Haemophilus influenzae Disease [<https://www.cdc.gov/hi-disease/risk-factors/>] (Centers for Disease Control and Prevention)  
Also in Spanish [<https://www.cdc.gov/hi-disease/es/risk-factors/factores-de-riesgo-de-la-enfermedad-por-haemophilusinfluenzae.html>]

## Related Issues

- Epiglottitis [<https://www.mayoclinic.org/diseases-conditions/epiglottitis/symptoms-causes/syc-20372227?p=1>] (Mayo Foundation for Medical Education and Research)

## Images

- Hib (Haemophilus influenzae type B) Photos [<https://www.vaccineinformation.org/photos/hib/>] (Immunization Action Coalition)

## Clinical Trials

- ClinicalTrials.gov: Haemophilus Infections [<https://clinicaltrials.gov/search?cond=%22Haemophilus+Infections%22&aggFilters=status:not%20rec>]  (National Institutes of Health)
- ClinicalTrials.gov: Haemophilus influenzae type b [<https://clinicaltrials.gov/search?cond=%22Haemophilus+influenzae+type+b%22&aggFilters=status:not%20rec>]  (National Institutes of Health)

## Journal Articles

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

- Article: Multiplex droplet digital PCR for the detection and quantitation of Streptococcus... [<https://www.ncbi.nlm.nih.gov/pubmed/40621164>]
- Article: Host-pathogen interaction profiling of nontypeable Haemophilus influenzae and Moraxella catarrhalis coinfection... [<https://www.ncbi.nlm.nih.gov/pubmed/40492732>]
- Article: Comparative analysis of the clinical characteristics of severe Mycoplasma pneumoniae pneumonia... [<https://www.ncbi.nlm.nih.gov/pubmed/40448048>]
- Haemophilus Infections -- see more articles [<https://pubmed.ncbi.nlm.nih.gov/?term=%22Haemophilus+Infections%22%5Bmajr%3Anoexp%5D+AND+humans%5Bmh%5D+AND+english%5Bla%5D+AND%22last+1+Year%22+%5Bedat%5D+NOT+%28letter%5Bpt%5D+OR+case+reports%5Bpt%5D+OR+editorial%5Bpt%5D+OR+comment%5Bpt%5D%29+AND+free+full+text%5Bsb%5D+>]

## Find an Expert

- Centers for Disease Control and Prevention [<https://www.cdc.gov/>]  
Also in Spanish [<https://www.cdc.gov/spanish/>]

## Children

- Your Child's Vaccines: Hib Vaccine [<https://kidshealth.org/en/parents/hib-vaccine.html>] (Nemours Foundation)  
Also in Spanish [<https://kidshealth.org/es/parents/hib-vaccine.html>]

## Patient Handouts

- Haemophilus Influenzae Type b (Hib) Vaccine: What You Need to Know [<https://www.cdc.gov/vaccines/hcp/current-vis/downloads/hib.pdf>] (Centers for Disease Control and Prevention) - PDF  
Also in Spanish [[https://www.immunize.org/wp-content/uploads/vis/spanish\\_hib.pdf](https://www.immunize.org/wp-content/uploads/vis/spanish_hib.pdf)]



## MEDICAL ENCYCLOPEDIA

Epiglottitis [<https://medlineplus.gov/ency/article/000605.htm>]

H influenzae meningitis [<https://medlineplus.gov/ency/article/000612.htm>]

## Related Health Topics

Bacterial Infections [<https://medlineplus.gov/bacterialinfections.html>]

Childhood Vaccines [<https://medlineplus.gov/childhoodvaccines.html>]

Meningitis [<https://medlineplus.gov/meningitis.html>]

Pneumonia [<https://medlineplus.gov/pneumonia.html>]

## National Institutes of Health

The primary NIH organization for research on *Haemophilus Infections* is the National Institute of Allergy and Infectious Diseases [<http://www.niaid.nih.gov/>]

## Other Languages

Find health information in languages other than English [<https://medlineplus.gov/languages/haemophilusinfections.html>] on *Haemophilus Infections*

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