

List of bacterial vaginosis microbiota

From Wikipedia, the free encyclopedia

Bacterial vaginosis is caused by an imbalance of the naturally occurring bacteria in the vagina.^{[1][2]} The normally predominant species of *Lactobacilli* are markedly reduced.^[3] This is the list of organisms that are found in the vagina that are associated with bacterial vaginosis, an infectious disease of the vagina caused by excessive growth of specific bacteria.^{[4][5]} The census and relationships among the microbiota are altered in BV resulting in a complex bacterial milieu. Some species have been identified relatively recently.^[6] Having infections with the listed pathogens increases the risk of acquiring other sexually transmitted infections including HIV/AIDS.^{[7][8]}

Contents

- 1 Microbiota
- 2 Further reading
- 3 References
- 4 External links

Microbiota

- *Actinobacteria* spp^[9]
- *Anaerococcus* spp^[10]
- *Actinomyces naeslundii*^[10]
- *Aggregatibacter actinomycetemcomitans*^[10]
- *Atopobium vaginae*^{[9][11][12]}
- *Bacteroides ureolyticus*^[10]
- *Bifidobacterium* spp^[10]
- *Clostridiales* spp^[9]
- *Collinsella aerofaciens*^[10]
- *Eggerthella* spp^[9]
- *Eggerthella lenta*^[10]
- *Eubacterium* spp^[10]
- *Fusobacterium nucleatum*^[10]
- *Gardnerella vaginalis*^[4]
- *Leptotrichia* spp^[9]
- *Leptotrichia amnionii*^[10]
- *Leptotrichia staphylococci*^[10]
- *Megasphaera* spp^[9]
- *Mobiluncus* spp^{[4][10]}

- *Mycoplasma hominis*^{[4][6]}
- *Mycoplasma parvum*^[6]
- *Peptococcus* spp^[10]
- *Peptoniphilus* spp^[10]
- *Peptostreptococcus* spp^[4]
- *Peptostreptococcus anaerobius*^[10]
- *Porphyromonas gingivalis*^[10]
- *Prevotella bivia* spp^{[4][10]}
- *Prevotella disiens*^[10]
- *Prevotella intermedia*^[10]
- *Slackia* spp^[10]
- *Sneathia sanguinegens*^[10]
- *Tannerella forsythia*^[10]
- *Treponema denticola*^[10]
- *Ureaplasma urealyticum*^{[4][6]}
- *Veillonella parvula*^[10]

Further reading

- Bacterial vaginosis: a review on clinical trials with probiotics (2013) (http://www.newmicrobiologica.org/PUB/allegati_pdf/2013/3/229.pdf)

References

1. Amaya-Guio, Jairo; Martinez-Velasquez, Mercy Yolima; Viveros-Carreño, David Andres; Sierra-Barrios, Eloisa Mercedes; Grillo-Ardila, Carlos F; Amaya-Guio, Jairo (2015). "Antibiotic treatment for the sexual partners of women with bacterial vaginosis". *Protocols*. doi:10.1002/14651858.CD011701.
2. "Bacterial Vaginosis (BV): Condition Information". *National Institute of Child Health and Human Development*. 2013-05-21. Retrieved 3 March 2015.
3. Nardis, C.; Mastromarino, P.; Mosca, L. (September 2013). "Vaginal microbiota and viral sexually transmitted diseases". *Annali di Igiene*. **25** (5): 443–56. doi:10.7416/ai.2013.1946. PMID 24048183.
4. Clark, Natalie; Tal, Reshef; Sharma, Harsha; Segars, James (2014). "Microbiota and Pelvic Inflammatory Disease". *Seminars in Reproductive Medicine*. **32** (01): 043–049. doi:10.1055/s-0033-1361822. ISSN 1526-8004. PMC 4148456. PMID 24390920.
5. "What are the symptoms of bacterial vaginosis?". *National Institute of Child Health and Human Development*. 2013-05-21. Retrieved 3 March 2015.
6. Larsen, Bryan; Hwang, Joseph (2010). "Mycoplasma, Ureaplasma, and Adverse Pregnancy Outcomes: A Fresh Look". *Infectious Diseases in Obstetrics and Gynecology*. **2010**: 1–7. doi:10.1155/2010/521921. ISSN 1064-7449.
7. Kenyon, C; Colebunders, R; Crucitti, T (December 2013). "The global epidemiology of bacterial vaginosis: a systematic review". *American Journal of Obstetrics and Gynecology*. **209** (6): 505–23. doi:10.1016/j.ajog.2013.05.006. PMID 23659989.
8. "What are the treatments for bacterial vaginosis (BV)?". *National Institute of Child Health and Human Development*. 2013-07-15. Retrieved 9 May 2015.
9. Mastromarino, Paola; Vitali, Beatrice; Mosca, Luciana (2013). "Bacterial vaginosis: a review on clinical trials with probiotics" (PDF). *New Microbiologica*. **36**: 229–238. PMID 23912864.

10. Africa, Charlene; Nel, Janske; Stemmet, Megan (2014). "Anaerobes and Bacterial Vaginosis in Pregnancy: Virulence Factors Contributing to Vaginal Colonisation". *International Journal of Environmental Research and Public Health*. **11** (7): 6979–7000. doi:10.3390/ijerph110706979. ISSN 1660-4601. PMC 4113856. PMID 25014248.
11. Mastromarino, Paola; Vitali, Beatrice; Mosca, Luciana (2013). "Bacterial vaginosis: a review on clinical trials with probiotics" (PDF). *New Microbiologica*. **36**: 229–238. PMID 23912864.
12. Knoester, M.; Lashley, L. E. E. L. O.; Wessels, E.; Oepkes, D.; Kuijper, E. J. (2011). "First Report of *Atopobium vaginae* Bacteremia with Fetal Loss after Chorionic Villus Sampling". *Journal of Clinical Microbiology*. **49** (4): 1684–1686. doi:10.1128/JCM.01655-10. ISSN 0095-1137.

External links

- A Metagenomic Approach to Characterization of the Vaginal Microbiome Signature in Pregnancy (<http://www.plosone.org/article/fetchObject.action?uri=info:doi/10.1371/journal.pone.0036466&representation=PDF>). Kjersti Aagaard, Kevin Riehle, Jun Ma, Nicola Segata, Toni-Ann Mistretta, Cristian Coarfa, Sabeen Raza, Sean Rosenbaum, Ignatia Van den Veyver, Aleksandar Milosavljevic, Dirk Gevers, Curtis Huttenhower, Joseph Petrosino, James Versalovic. PLoS ONE volume 7, issue 6. (2012) ISSN 1932-6203 (<https://www.worldcat.org/search?fq=x0:jrnl&q=n2:1932-6203>)
- NIH/Medline (<http://www.nlm.nih.gov/medlineplus/pelvicinflammatorydisease.html#diagnosissymptoms>)
- CDC (<http://www.cdc.gov/std/PID/STDFact-PID.htm>)
- Pelvic Inflammatory Disease (PID; Salpingitis, Endometritis) (http://www.health.am/gyneco/more/pelvic_inflammatory_disease_pid_salpingitis_endometritis/)

Retrieved from "https://en.wikipedia.org/w/index.php?title=List_of_bacterial_vaginosis_microbiota&oldid=748420565"

Categories: Inflammatory diseases of female pelvic organs | Vagina | Reproductive system | Gynaecology | Sexual health | Bacterial vaginosis | Microbiomes

-
- This page was last modified on 8 November 2016, at 03:05.
 - Text is available under the Creative Commons Attribution-ShareAlike License; additional terms may apply. By using this site, you agree to the Terms of Use and Privacy Policy. Wikipedia® is a registered trademark of the Wikimedia Foundation, Inc., a non-profit organization.