DOES VAGINAL MICROBIOTA PLAY A ROLE IN INFERTILITY?



INFERTILITY DEFINITION

disease of the male or female reproductive system defined by the failure to achieve a pregnancy after



12 months or more

of regular unprotected sexual intercourse.

INFERTILITY PREVALENCE



1 in 6 people affected by infertility worldwide*

* variation within and between countries

IN **FERTILE WOMEN**

the vaginal microbiota is characterized by

- √ low diversity
- √ predominance of Lactobacillus









1 IN 5 INFERTILE WOMEN HAS A VAGINAL DYSBIOSIS

- x high diversity: overgrowth of other bacteria
- × low abundance of Lactobacillus











Vaginal dysbiosis decreases pregnancy rates during *in vitro* fertilization protocols

BACTERIAL VAGINOSIS IS ASSOCIATED WITH VAGINAL DYSBIOSIS... AND WITH INFERTILITY

Presence of bacterial vaginosis among infertile women is about 20%**

Bacterial vaginosis is associated with...







Potential symptoms of bacterial vaginosis:

Fishy odor

Irritating, itching, thin vaginal discharge (grey, green or white)



Frequently asymptomatic



**estimation

Adopt good habits to help take care of your intimate flora and maintain a balanced microbiota





















the vagina is self-cleaning



For more information about the microbiota go to www.biocodexmicrobiotainstitute.com References on the website

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Research on microbiota and infertility is rapidly evolving, don't hesitate to ask your gynecologist about your situation.

