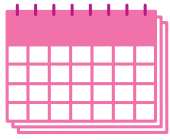


DOES VAGINAL MICROBIOTA PLAY A ROLE IN INFERTILITY?



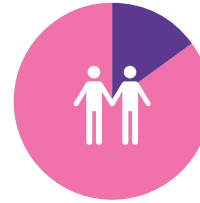
INFERTILITY DEFINITION

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



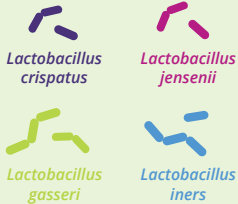
1 in 6 people affected
by infertility worldwide*

* 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

- ✗ 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

✓ good habits



✗ bad habits

