

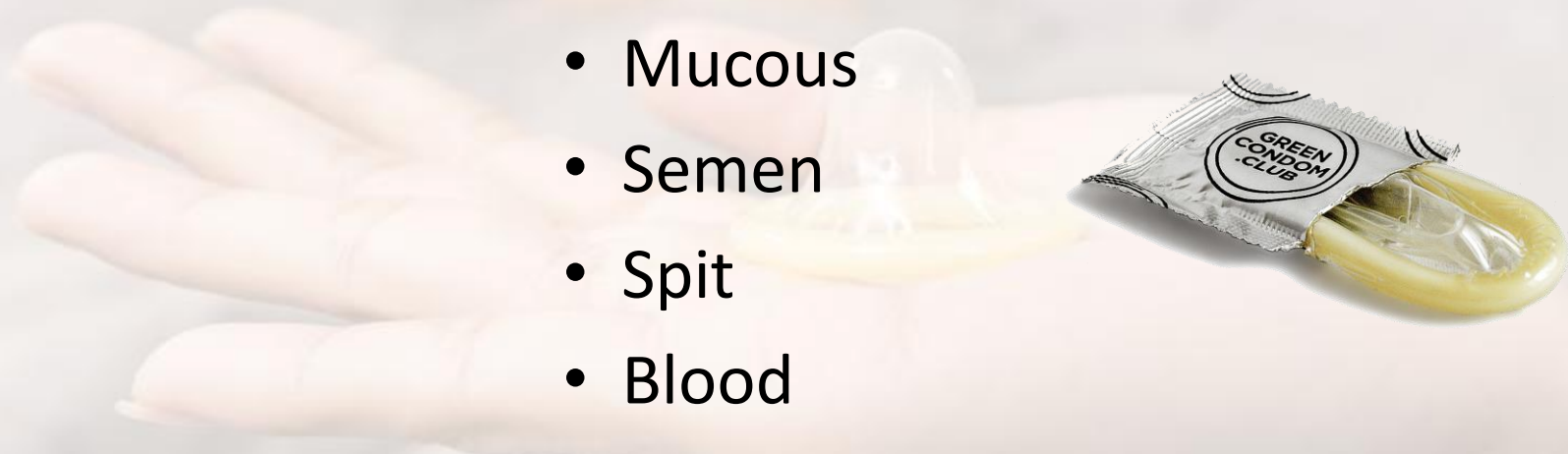


31. Sexually transmitted diseases

Joonas Jokinen M.A. Sport Sciences

Condoms – Only way to prevent STDs

- STDs get transmitted sexually through Mucous membrane
 - Mucous
 - Semen
 - Spit
 - Blood
- STDs don't necessarily cause symptoms right away



The most common STDs

	1995	2000	2005	2010	2015
Chlamydia	8033	11 729	12 746	12 839	13 216
HIV-infection	70	142	124	172	155
Syphilis	171	141	111	200	158
Gonorrhea	330	244	247	237	268

Source: Tartuntatautirekisteri

The most common STDs

Chlamydia	Bacteria
HIV-infection	Virus
Syphilis	Bacteria
Gonorrhea	Bacteria

Source: Tartuntatautirekisteri

Chlamydia

- Chlamydia is an infection caused by bacteria in urethra, uterus, rectum or throat
- Chlamydia, like condyloma, can be symptomless for years
- It can be cured with antibiotics

Genital warts and herpes

- Genital warts and herpes are caused by virus and are hence incurable
- Human papillomavirus causes genital warts to grow around genitalia
- Herpes causes painful blisters and inflammations in genitalia
- Vaccine against HPV was added into national vaccination program in 2013

Syphilis and gonorrhea

- Syphilis and gonorrhea are caused by bacteria and are curable with antidotes
- They are both relatively rare in high functioning societies and can be prevented with proper use of condom

HIV (Human immunodeficiency virus)

- HIV-infection is the scariest STD
- The virus slowly destroys immune system and causes acquired immunodeficiency -> AIDS
- This allows life-threatening opportunistic infections and cancers to thrive
- HIV is not transmitted through handshaking, hugging, kissing or petting

Homework

- Where can you get tested?
- Why is it easier to prevent STDs than to cure them?