

Guide

For the Deaf and Hard of Hearing Community



Document created by the Coalition Sida des Sourds du Québec

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INTRODUCTION

The Coalition Sida des Sourds du Québec (CSSQ) is pleased to present this latest tool for preventing STBBI (sexually transmitted and blood-borne infections): *Guide: STBBI for the Deaf and Hard of Hearing Community.*

This document contains information on sexually transmitted infections (STIs), adapted visually to help members of the Deaf and Hard-of-hearing community improve their understanding of STIs and methods of protection.

American Sign Langage (ASL) is the preferred communication method of members of the English Deaf community, and likewise, Langue des signes québécoise (LSQ) is used in the French Deaf Community. These visual languages are distinct from any English or French spoken languages. Therefore, priority must be given to adapting information on STI prevention for Deaf and Hard-ofhearing people, in order to minimize their risk of contracting these illnesses. This document is also useful for people in the general population who have a low literacy level.

The CSSQ would like to thank organizations combatting HIV/ AIDS, as well as Deaf organizations, for their support: they have kindly and generously donated their time and shared their ideas in the creation of this document.

Wishing you an enjoyable read!

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Michel Turgeon, Director General

400 000 Quebecers, particularly youth, will be diagnosed with an STBBI this year.



STD, STI & STBBI

STDs, sexually transmitted diseases, have been renamed, and are now called sexually transmitted infections (STIs). The word "infection" is more accurate, since symptoms may or may not be present. The word "disease" is associated with symptoms being present. Therefore, someone with an STI may not necessarily feel sick, yet could transmit the infection.

The term "sexually transmitted and blood-borne infections" (STBBI) is used to designate infections that are sexually transmitted or transmitted through the blood.



Sexually Transmitted and Blood-Borne Infections



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VIRUS

Viral infections are caused by viruses transmitted from one person to another through sexual activity. In general, viral infections attack more than one part of the body at the same time.

BACTERIA

Bacterial infections are transmitted in several ways, including through sexual activity. These infections occur when bacteria attack one part of the body.



PARASITES

Parasitic infections are caused by parasites transmitted from one person to another through sexual activity or skin-to-skin contact.



VIRUS

SEXUAL ACTIVITIES AND SKIN -TO-SKIN CONTACT

Diagnosis

Medical examination and possible blood test



To detect lesions invisible to the naked eye, women can take a cervical Pap test, and both men and women can take an anal Pap test

If left untreated, HPV could lead to cervical or anal **Cancer**.

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HPV

Treatment

A vaccine is available that can prevent the types of HPV that are most often associated with cancer. It is most effective before people have their first sexual experience, because they have not yet been exposed to HPV

- Burning the lesions with liquid nitrogen
- Silver nitrate treatment
- Laser treatment in case of a particularly tenacious wart



HPV

SEXUAL ACTIVITIES AND SKIN -TO-SKIN CONTACT VIRUS

GENITAL **HERPES**

Herpes is **very widespread** in the general population. **Genital herpes** is a sexually transmitted infection caused by the herpes simplex virus (type 1 or type 2).

Type 1 primarily affects the mouth and lips (cold sores), but can also be transmitted to the genital organs.

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Herpes simplex sores

Type 2 primarily affects the genitals, and rarely the mouth.

GENITAL HERPES



Transmission

Herpes simplex type 1 or type 2 is transmitted:

- Through sexual relations with or without penetration of the penis in the mouth, vagina or anus
- Through intimate contact (skinto-skin) with an infected person (who may or may not have sores or blisters)
- Through kissing





Herpes can be transmitted even when no symptoms are present.

VIRUS SEXUAL ACTIVITIES AND SKIN -TO-SKIN CONTACT

GENITAL HERPES

Genital herpes can increase the risk of becoming infected with or transmitting HIV.

Symptoms

Someone infected with genital herpes may often experience no symptoms

• Small, painful sores near the genital area, anus, thighs, buttocks and inside the vagina

• Herpes outbreaks can recur for the rest of one's life. Each outbreak typically lasts from 5 to 7 days, but may take up to several weeks to resolve

• The frequency and severity of outbreaks varies from one person to another

• The risk of transmission is greater during an outbreak of symptoms





GENITAL HERPES

Diagnosis

Clinical examination after symptoms appear, or if one's partner is a carrier of the virus. A blood test may also be performed to confirm the diagnosis

Someone can be a carrier for years without any apparent symptoms, and can transmit the virus



Treatment

There is no cure for herpes

There are two methods of treatment:

- Taking antiviral medication during an outbreak, to decrease the symptoms
- Taking antiviral medication regularly, to reduce the duration and frequency of outbreaks

Antiviral creams can also help to decrease the symptoms, and reduce the risk of transmission





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SEXUAL ACTIVITIES AND BLOOD Ь

75 to **85%** of infected people become chronic carriers of the virus.

Hepatitis C is an inflammation of the liver caused by a viral infection.





Transmission

Through the blood, by sharing drug inhalation implements or needles

EPATITIS C

Through the blood, by tattooing or piercing with contaminated equipment

Having sexual relations where there is an exchange of blood

Using razors or toothbrushes containing contaminated blood

Transmitting the virus to the fetus during pregnancy





. Internet

Without treatment,

Hepatitis C could develop

There are often no symptoms.



HEPATIT

 Blood test 8 to 9 weeks after exposure

• A FibroScan and/or biopsy can measure the progression of the illness in the infected person



Treatment

Consult a doctor

In some cases (15-20% of the time), the virus can disappear on its own:

Rest

ATTERNAL DE LE COMPANY

- · Eat healthy food
- Limit alcohol and drug consumption

New treatments (without Interferon) have higher success rates

The success rate of treatments (in combination with Interferon) is around 50%. Interferon can have an effect on mental health

Most of the time, Hepatitis C can be cured <u>with treatment.</u> Being cured offers no protection against re-infection.





If the infection is not cured, it can become chronic in **10% of all cases.**

HEPATITIS B

SEXUAL ACTIVITIES AND BLOOD

Symptoms after 2 to 6 months Same symptoms as Hepatitis A + Joint pain

Symptoms





Diagnosis

Blood test

The virus can be dormant for years before the appearance of symptoms



HEPATITIS B



Treatment

Consult a doctor

In 90% of cases, this illness can go away on its own:

- Rest
- Eat healthy food
- Limiter alcohol and drug consumption







HIV

20 000: Estimated number of people infected with HIV in Quebec in 2014.

Transmission

Bodily fluids: blood, sperm, mother's milk, vaginal or anal secretions

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SEXUAL ACTIVITIES AND BLOOD

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Gateways:

Weakened mucosa in the mouth, vagina, rectum and urethra (the canal through which urine passes from the penis or vulva), and other fragile tissues (glans and foreskin)





No risk: HIV is not transmitted through saliva, sweat, tears, urine, feces, clothes, utensils, dishes or toilet seats



Prevention

Prevention can take many forms:

- Abstinence
- Use of a condom
- PrEP (Pre-Exposure Prophylaxis)
- **PEP** (Post-Exposure Prophylaxis)
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- Alternate sexual activities (cybersex, masturbation)
- Treatment to reduce the viral load in a seropositive partner

Effective treatment reduces the risk of transmission.

SEXUAL ACTIVITIES AND BLOOD

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- Fever, sore throat, and/or headache
- Skin rashes
- Muscle or joint pain
- Swollen lymph nodes in the neck, armpits or groin
- Major weight loss

Symptoms are often not present in people infected with HIV.





Diagnosis

Rapid screening with a small amount of blood: antibody test with results available within a few minutes



Fourth-generation blood test: antibody test and antigen test with results available within a few weeks

Viral load test (NAAT): test of a blood sample for the presence of the virus



Preventative treatment

PrPE (**Pr**e-**E**xposure **P**rophylaxis): Treatment before exposure to the virus, to reduce the risk of transmission

If you think you may have come into contact with the virus: **PEP** (**P**ost-**E**xposure **P**rophylaxis): Treatment lasting 30 days, which must begin within the first **72 hours** after exposure



Treatment

Carried out with the consultation of a health care professional

Slows the progression of the infection but does not cure it



As of the early 2000s, syphilis has made a **comeback** in Quebec.

SYPHILIS

Syphilis is an infection caused by the bacterium **Treponema pallidum**. If left untreated, syphilis progresses in three stages (see Symptoms).

Treponema pallidum

CTERIA

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• From oral, vaginal or anal sex

Transmission

- From intimate (skin-to-skin) contact with a lesion
- From shared sex toys
- From bacteria transmitted from the mother to her baby during pregnancy and childbirth





In rare cases, from the use of contaminated injection
equipment



Syphilis is transmitted during the first and second stage. Third-stage syphilis is not contagious.

SYPHILIS

Untreated syphilis may cause cardiac problems.

SYPHILIS

Symptoms

There are often no symptoms

When symptoms do appear, they vary depending on the stage of infection

Stage I (from 3 to 90 days)

- Presence of a painless ulcer, or chancre, on the genitalia, anus, mouth or throat
- Ulcers may disappear after approximately 3 weeks, but the infection is still present

Stage II (from 2 weeks to 6 months after the onset of infection)

- The chancre may have disappeared, or not
- · Fever and other flu-like symptoms
- Skin sores or rashes on the palms of the hands, soles of the feet, or elsewhere on the body

Latent phase can last for several months to several years without any apparent symptoms.

Stage III (from 1 to over 20 years)

- Damage to the heart, brain, bones and liver
- Lesions in the bones, subcutaneous tissues, and skin
- Damage to the cardiovascular and nervous systems (neuro-syphilis)

If left untreated, third-stage syphilis can cause death



Diagnosis

Blood test taken during regular screening

If symptoms appear, a clinical examination is necessary





Treatment

There is no vaccine

Syphilis is treated by injecting antibiotics, and the symptoms are treated with topical creams

It is recommended that partners of people who test positive for syphilis receive treatment as well

SEXUAL ACTIVITIES AND BLOOD BACTERIA



Change condoms and gloves after each penetration.

Lymphogranuloma Venereum (LGV) is a bacterial infection.



Transmission

• From oral, vaginal or anal sex

• From inserting fingers or the fist into the anus or vagina (fisting)

From sharing unclean or unsanitary sex toys

• From having sexual relations with multiple partners, without changing the glove or condom after each partner

• From bacteria transmitted from the mother to her baby during childbirth

BACTERIA

SEXUAL ACTIVITIES

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LG\

LGV lesions can serve as a **gateway** for other STBBI.

Symptoms

There are often no symptoms If left untreated, LGV progresses in 3 stages:

Stage I (3 to 30 days after the onset of infection)

A small painless sore (mouth, urethra, vagina, glans)

Stage II (2 to 6 weeks)

• Possible infection in the lymph nodes (often in the groin), causing pain and fever

- Inflammation of the rectum, urethra or cervix
- Abscesses and pus-filled discharge from the lesions
- General malaise (muscle pain, loss of appetite, chills, etc.)

Stage III

LGV

If untreated, LGV can lead to severe complications:

 Possibility of small bumps or growths around the anus

Genital abscesses





LGV



Diagnosis

If symptoms appear, a doctor will take a sample from the anus, rectum, urethra or cervix





Treatment

If caught early, LGV is easy to treat

A health-care professional will prescribe a treatment for you to take for three weeks. Your sexual partners from the last 60 days must be informed and treated as well

If you are in the third stage of LGV, you may need surgery, followed by 4 to 6 weeks of antibiotics. Plastic surgery may be necessary afterwards





SEXUAL ACTIVITIES

LGV



BACTERIA



SEXUAL ACTIVITIES



BACTERIA

caused by a parasite called

75% of women will

have a vaginal infection at least once in their lifetimes.

Vaginitis

can develop

even without

sexual

contact.

called Candida

albicans

«Bacterial vaginosis»

caused by

a bacteria

«Trichomonal vaginitis»

Trichomonas vaginalis

VAGINITIS Transmission and causes

Yeast vaginitis (Candida albican)

generally caused by a change in the vaginal flora:

- Antibiotics
- The use of scented products (vaginal douches, soaps, wipes, laundry detergent)
- Unprotected vaginal sex
- Hormonal changes (pregnancy)

Bacterial vaginosis

caused by:

- Unprotected vaginal sex
- Vaginal frottage (rubbing)
- Vaginal douches
- (Sometimes) the use of an IUD or contaminated sex toys

Trichomonal vaginitis

caused by:

- Unprotected vaginal sex
- Sharing of contaminated sex toys



AGINITIS



SEXUAL ACTIVITIES

PARASITES

Change condoms when switching from the anus to the vagina.

SYMPTOMS COMMON TO ALL 3 TYPES OF VAGINITIS:

In women:

- Increased vaginal discharge
- Vaginal itching and skin irritation
- Abdominal pain
- Pain during vaginal sex
- Burning feeling during urination
- Inflammation of the vulva or vagina

In men:

- Burning feeling during urination
- Penile discharge
- Burning feeling or skin irritation of the penis

VAGINITIS

SYMPTOMS SPECIFIC TO WOMEN:

Yeast vaginitis:

whitish, lumpy secretions resembling cottage cheese





Bacterial vaginosis:

strong fishy odour, unpleasant odour, thick milky, greyish or yellowish discharge





Trichomonal vaginitis: foamy yellowish or greenish discharge



Some people experience no symptoms.

BACTERIA

PARASITES

SEXUAL ACTIVITIES





VAGINITIS

If this is a first infection, it is important to consult a doctor in order to choose the correct treatment



Vaginal infections are treated through antifungal creams and pills (taken orally or inserted in the vagina), or antibiotics, depending on the type of infection









PARASITES

HOW TO USE CONDOM?

Male/Female condom and dental dams:

Here are some tips to ensure that condoms remain intact:

- Always double-check the expiration date marked on the condom box or wrapper; do not use if the expiry date has passed
- Do not store condoms in pockets, wallets or warm places
- Do not open condom wrappers with teeth or scissors
- Pay attention to rings, fingernails, and body piercings







WHERE TO TAKE THE TEST?

(In specialized clinics or an HIV organization of your choice)

- A CLSC or medical clinic near you
- At your family doctor's office
- The hospital

Visit this page for a complete list of health organizations in Quebec that provide screening for HIV and other STBBI: <u>http://www.msss.gouv.qc.ca/sujets/prob_sante/itss/index.php?home</u>

French website: http://www.msss.gouv.qc.ca/sujets/ prob_sante/itss/index.php?listes_centres_depistages (A link to this page can also be found on the CSSQ website, www.cssq.org)

Montreal has many clinics specialized in STBBI, including the **Clinique du Quartier-Latin** and **Clinique l'Actuel**, **Projet SPOT**, also in Montreal, serves gay men and men who have sex with men.

To find out if health professionals specialized in STBBI are available in your region, call your local **HIV organization**.

Our hours of operation are 9 am to 5 pm, Monday to Friday. We are also open on Wednesdays from 9 am to 9 pm (by appointment).

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