



OBJECTIVES

- Differentiate the different diagnostic tools for discovering herpes simplex virus 1 (HSV1) and herpes simplex virus 2 (HSV2).
- Accurately identify atypical physical presentations of HSV1 and HSV2.
- Employ educational messages for patients to help prevent the transmission of HSV1 and HSV2.



EPIDEMIOLOGY 2020

- HSV-1 and HSV-2 most common strains of genital HSV infection
 - Since early 2000's HSV-1 increasingly causing new cases of genital HSV
 - •Rates of HSV-1 genital infections increased from 31% in 1993 to 78% in 2001
 - Risk factors:
 - Male gender (as 1^{st} infected \rightarrow transmitted to female partners)
 - •Receptive oral sex
 - •Younger age (<45)

TYPES OF INFECTION

- Primary
 - Seronegative, lesion cultures positive
- o Non-Primary
 - Seropositive for either HSV-1 or HSV-2 and lesion cultures positive for the opposite strain

Recurrent

• Seropositive for the same strain as is cultured from a lesion





• 2. No













COMMON PRESENTATIONS

Genital infection

- oRecurrent burning or tingling +/- lesions
- oRecurrent itching +/- lesions
- Singular or recurrent "shaving" bump or other recurrent lesion
- oTimed or triggered symptoms
- Menstruation, sun, stress, sex

Oral infection

- Recurrent burning or tingling +/- lesions
 "Fever blisters"
- o"Eczema of the lips"
- Timed or triggered symptoms
- Menstruation, sun, stress





AUDIENCE QUESTION

If, as a practitioner, you had no time

herpes?

1. 15 minutes

2. 25 minutes 3. 45 minutes 4. 60 minutes

• The 4 T's

limits, how long do you think your patients 15 minutes face-to-face with practitioner. would like you to spend with them discussing their new diagnosis of genital • Key Points: • Most felt that a follow-up visit was helpful to answer questions and clarify key points • Much of the initial information was not retained 48 hours after visit. **4 T'S EXPANDED- TRANSMISSION PEARLS** I HAVE WHAT ?!? • Initial visit suggestions for confirmed cases o Acquisition could have occurred anywhere from 1-2 weeks to several months ago. • Don't call a divorce lawyer! Transmission (Acquisition) • Current partner may not be person patient Treatment acquired the infection from. Also, infected Telling your partner person may not be aware of infection. • Utilize patient's insight into their own sexual Therapist history.

4 T'S EXPANDED- TREATMENT PEARLS • Treatment can start today! • And it works! $\circ~1^{\rm st}$ episode is usually the worst · Many experience weeks or months between episodes • For most, antivirals are easy to take Minimal side effects · Minimal monitoring required by provider o Lots of patient independence • Can have on hand to start at home •**Easier if prodrome

4 T'S EXPANDED- TELLING PARTNER(S) • Maybe the hardest part for some patients · Good idea to have paper or e-resources available • Perfect time to screen for DV • "Will you be safe if you tell your partner about this diagnosis?" • Offer a visit with patient and partner • Helps with misinformation

• If the patient has an active outbreak, they are

contagious now

DIAGNOSIS

were satisfied with their care if they had

• Study from 2004 showed that patients

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FOLLOW-UP VISIT SUGGESTIONS

• Recurrence

- HSV-2 genital lesions more likely to recur than HSV-1 genital lesions
- Multi-factorial etiology of subsequent outbreaks • Stress, sex, irritants, other infections, etc.
- o Discuss common psychosocial concerns:
 - Lifelong infection
 - Fertility questions
 - · Isolating diagnosis, difficult to discuss with support
 - network
 - Stigma

FOLLOW-UP VISIT SUGGESTIONS

- Discuss the pros/cons of episodic vs. suppressive antiviral therapy.
 - Episodic therapy
 - Can be initiated by the patient without an office visit.
 - Best utilized with a clear prodrome

• Suppressive therapy

- CDC language re who qualifies
- •Adherence to daily med for true suppression.
- Does not need to last for patient's lifetime

FOLLOW-UP VISIT SUGGESTIONS Partner management How did disclosure event go? How is patient feeling about it? All partners in last 30 days should be notified. Discuss when and how to disclose diagnosis to any new partners



SPECIAL POPULATIONS- ADOLESCENTS

- $\circ~$ Have more confidentiality concerns, more likely to delay seeking treatment for symptoms.
- Less likely to disclose diagnosis to a partner.
- Less likely to regularly use condoms.
- Less likely to adhere to a daily medication regimen.
- More likely to affect psychosexual development.
- Concepts of asymptomatic shedding may be more difficult to understand.
- Must explain the transmission potential with oral-genital or genital-genital contact without penile penetration.













- International Herpes Management Forum (IHMF) owww.ihmf.org/Patient/PatientResources.asp
 - Excellent "external links" section for patients to get more information.
- American Social Health Association (ASHA) owww.ashastd.org/herpes/herpes_overview.cfm
- Consider making a one-page handout covering the important aspects of the diagnosis for your practice.
- Can order brochures to have in the waiting room/exam room from many sources.

SUMMARY

- The diagnosis of genital herpes requires special counseling and education by all medical practitioners.
- Most patients will require more than one office visit to accomplish this effectively due to practitioner time constraints and patient's ability to absorb the information.

SUMMARY

- This is a complicated diagnosis for most patients to understand. Attempt to use simple language and written resources to aid in counseling.
- This diagnosis carries a stigma- reserve judgment and have patience.
- Patients can be satisfied with their encounter in as little as 15 minutescan do it!



References

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