

ΣΤΟΜΑΤΙΚΟΣ ΕΡΩΤΑΣ

Τι μεταδίδεται και τι όχι...

Oral sex...

- Ο στοματικός έρωτας αφορά την πρόκληση ερεθισμού του πέους, του κόλπου και του πρωκτού

Cunnilingus (Oral Vaginal Contact)

Fellatio (Oral Penile Contact)

Analingus (Oral Anal Contact)

H.I.V. ?

- 6-8% των νέων HIV λοιμώξεων (!)
- Με δεδομένη τη συχνότητα του στοματικού σεξ, και ότι οι υψηλού ρίσκου λαμβάνουν προφύλαξη σε κολπικό/πρωκτικό σεξ

DA Hawkins, Sex Transm Infect. Oct 2001

H.I.V. ?

- Το σάλιο δρα προστατευτικά με αρκετά αντιϊικά συστατικά όπως θρομβοσπονδίνη και αναστολέα πρωτεάσης λευκοκυττάρων (SLPI), αλλά αυτά πιθανόν να υπερνικούνται λόγω του όγκου του μολυσμένου σπερματικού υγρού
- Cohen MS et al., *Lancet* 2000;**356:272.**

Η.Ι.Υ. ?

Πλέον
ενοχοποιητικοί
παράγοντες

- Ενδοστοματική εκσπερμάτιση
- Υψηλό ιικό φορτίο
- Ενδοστοματικές βλάβες

“There is a risk of HIV transmission during unprotected oral sex. This risk is less than from unprotected penetrative anal or vaginal sex. The risk of HIV and other sexually-transmitted infections can be reduced by using a condom for all forms of penetrative sex, including oral sex. If a condom is not used, avoidance of ejaculation into the mouth probably lessens (but does not eliminate**) the risk of HIV transmission.”**



Joint United Nations Programme on HIV/AIDS
UNAIDS
UNICEF • UNDP • UNFPA • UNDCP
UNESCO • WHO • WORLD BANK

Table 1 Evidence for the transmission of viral STIs by oral sex

<i>Infection</i>	<i>Nature of risk</i>	<i>Evidence</i>	<i>References</i>
HIV	Fellatio: oral partner	Case reports: with ejaculation	16, 17, 20
		without ejaculation	18, 19, 22, 31
	penile partner	Case reports	20, 21, 33, 34
	Cunnilingus	Case report (between lesbian women, NB possible under-reporting of bisexual behaviour)	27
HSV	to genital partner	[oro-genital/oro-anal contact (general)] Cohort studies	23, 25*, 26
		Higher reporting of oral contact between infected partners	29
HPV	to oral partner	Rising cases due to HSV 1 (esp women)	38, 39, 40, 41, 42, 48
		Case report after receptive fellatio	46
Hepatitis B	to genital partner	Documented orogenital contact in HSV 1 cases	47, 48
		Case reports of oral warts	62, 63, 68
	Risk to oral partner in oro-anal sex	Genital HPV types in oral mucosa	64, 65, 66, 67, 74, 75
		Studies suggestive of risk	50, 62, 67, 61
Hepatitis A	Risk to oral partner in oro-anal sex	Case report of oral bowenoid papulosis	77
		Inc risk of cervical cancer with cunnilingus/fellatio	69
Hepatitis C	Risk with oro-genital contact	Cohort study of prevalence and factors associated with transmission	82
		Rectal lesions and HBsAg	85
Molluscum contagiosum	To oral partner in oro-genital sex	Cohort study	81
		Higher rates of seropositivity in homosexual men	90
Kaposi's sarcoma (HHV8)	Oro-anal sex	Epidemics among homosexual men	91, 92
		Cohort study—marginal risk for oral sex with >25 partners	81
		Facial molluscum in AIDS patients	97
		Association found in one study	99

*Study shows borderline significance.

Herpes Simplex Virus ?

- Έρπης γεννητικών οργάνων HSV-2 και ο επιχείλιος έρπης HSV-1
- είναι πιθανό για κάθε είδος ιού να μολύνει και γεννητικά όργανα και στοματική κοιλότητα
- Μεταδίδεται ακόμα και όταν δεν έχει εμφανή συμπτώματα

Herpes Simplex Virus ?

- Αυξανόμενα περιστατικά HSV-1

Wald et al ,1994


- Περιπτώσεις μετάδοσης του HSV 1 συνιστούν ότι το στοματικό σεξ είναι βασικός παράγοντας, ενώ η γεννητική μετάδοσή του είναι πιθανώς λιγότερο σημαντική

Woolley PD. 1991, Lafferty et al 1987

Human Papiloma Virus?

- Δε μεταδίδεται με σωματικά υγρά, αλλά με δερματική επαφή
- Καλοήθη κονδυλώματα τύποι 6 και 11
- Κακοήθεια (σε τράχηλο αλλά και σε στοματοφάρυγγα εκ πλακώδους επιθηλίου) τύποι 16 κ 18

Human Papiloma Virus?

- 7,3% ανιχνεύεται στον στοματοφάρυγγα γενικού πληθυσμού (με πιο συχνό τον τύπο 16-1,1%)
- Εμβολιασμός  μείωση κατά 5% όλων των περιπτώσεων καρκίνου κεφαλής και τραχήλου στην Β.Αμερική(!)

Sanders AE et al, Oral Diseases 2012

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	penile partner Cunnilingus	Case reports Case report (between lesbian women, NB possible under-reporting of bisexual behaviour)	20, 21, 33, 34 27
	oro-genital/oro-anal contact (general)	Cohort studies Higher reporting of oral contact between infected partners	23, 25*, 26 29
	to genital partner	Rising cases due to HSV 1 (esp women) Case report after receptive fellatio	38, 39, 40, 41, 42, 48 46
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HPV	to oral partner	Studies suggestive of risk Case report of oral bowenoid papulosis	50, 62, 67, 61 77
	to genital partner	Inc risk of cervical cancer with cunnilingus/fellatio	69
	Risk to oral partner in oro-anal sex	Cohort study of prevalence and factors associated with transmission Rectal lesions and HBsAg	82 85
Hepatitis B	Risk to oral partner in oro-anal sex	Cohort study	81
	Risk to oral partner in oro-anal sex	Higher rates of seropositivity in homosexual men Epidemics among homosexual men	90 91, 92
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Ηπατίτιδες?

- HBV κυρίως από στοματοπρωκτική επαφή (Schreeder et al 1982, Reiner et al 1982)
- Hep A ομοίως (Corey et al 1980)
- HCV σπανίως μεταδίδεται σεξουαλικά (Melbye et al 1990, Tor et al 1990)

Table 1 Evidence for the transmission of non-viral STIs by oral sex

<i>Infection</i>	<i>Nature of risk</i>	<i>Evidence</i>	<i>References</i>
Vaginal candidiasis	Increased risk of recurrent vaginal candidiasis with cunnilingus	Case reports Association with cunnilingus and frequency of oral sex	2, 3 6 7
Bacterial vaginosis	Possible increased rates with oral sex Asymptomatic pharyngeal infection in partners	Concurrent rise in BV and oral sex Pharyngeal infection in male partners of women with BV Association between fellatio and pharyngeal infection with <i>M hominis</i>	13 15 15
Trichomoniasis	Unknown	Transmission between lesbians (possibly by fomites)	20
Syphilis	With fellatio: to oral partner to penile partner	Oral chancres Mucous patches of secondary syphilis	23, 24, 25 25
Gonorrhoea	Fellatio, oral partner Cunnilingus, oral partner Rimming, oral partner Fellatio, penile partner	Pharyngeal gonorrhoea (+/- symptoms)	26, 29, 30, 32 27, 29, 31 28 35
<i>Chlamydia</i> (D-K)	Fellatio, oral partner	Urethral infection Asymptomatic pharyngeal infection	37, 40, 41
Lymphogranuloma venereum		No evidence	
Donovanosis	? to oral partner	Occasional oral lesions	45-48
Chancroid	? to oral partner	Oropharyngeal isolation in partner of patient with genital ulceration	52
Enteric infections	Rimming, oral partner Fellatio, oral partner	Symptomatic GI infection Increased prevalence in homosexual men	55, 57, 63, 66, 69, 70 57, 70 54, 56, 59, 60, 64, 65
<i>Neisseria meningitidis</i>	Fellatio, penile partner Cunnilingus, vaginal partner Rimming	Cases of urethritis Reports of cervicitis/PID/vulvovaginitis Rectal isolates (usually asymptomatic)	72, 73, 74, 75, 76, 77 77, 78, 80, 81 76, 79
<i>Moraxella catarrhalis</i>	Fellatio, penile partner Receptive partner	Cases of urethritis Isolation from anogenital sites Also causes neonatal conjunctivitis	84, 85 76, 82 87, 88, 89, 90
Streptococci	Fellatio, penile partner	Balanitis due to group A	93, 94, 95
<i>Haemophilus influenzae</i>	Cunnilingus, vaginal partner Fellatio, penile partner	Case reports of septic abortion after oral sex Isolates from urethra	96, 97 100
<i>Mycoplasma pneumoniae</i>	Cunnilingus, vaginal partner	Strains isolated from the cervix	101

Στοματικός έρωτας....

**....ασφαλέστερος από μια ελεύθερη
σεξουαλική επαφή.....**

.....αλλά όχι ασφαλής!

