

Opportunistic Chlamydia Testing- How do we rate?

Community Testing @ ASHS

Suzanne Werder

Auckland Sexual Health Service



Background

- In 2010 Chlamydia remains to be the most commonly diagnosed STI in New Zealand
- The majority of cases were diagnosed in those aged under 25
- Aggregate laboratory data showed a test positivity rate of 9% and a chlamydia prevalence rate of 782 per 100,000 head of population
- The national rate for females (1191 per 100,000 head of population, 18,884 cases) was more than three-times the national rate for males (384 per 100,000 head of population, 6303 cases)



Background

- Health promotion is "the process of enabling people to increase control over their health and its determinants, and thereby improve their health" WHO 2005
- STI testing in at ASHS includes Assessment, diagnosis and treatment.
- Since 2007 ASHS health promoters and clinicians have worked together in community health promotion and on-the-spot chlamydia-testing at targeted community events



The Process



- Community events selected
- Information and test offered
- Self history and demographics recorded
- Test and or information/referral given
- Test processed and sorted
- Results given/follow up arranged

Auckland Sexual Health Service

Name		Date of Birth / /	
<small>First Name</small>	<small>Last Name</small>	<small>Day / Month / Year</small>	
Address		Gender	
		Ethnicity	
		NZ Resident	Yes / No
		Country of Birth	
No mail please <input type="checkbox"/>		If not NZ date of entry Day / Month / Year	
Cell Phone			
Home Phone			
Email			

Have you ever had a sexual health check?	Yes	No
Before today, had you heard of Auckland Sexual Health Service?	Yes	No

Do you currently have any of the following symptoms?

Male

- Discharge from the penis
- Pain passing urine
- Painful testes (balls)
- Genital skin changes (lumps or sores)
- Are you aware that you or your partner has or has had an STI
- Have you had sex with a man
- Any other concerns
- Have you passed urine in the last hour?

Female

- Unusual vaginal discharge
- Pain passing urine
- Lower abdominal pain
- Pain during sex
- Unusual bleeding
- Genital skin changes (lumps or sores)
- Are you aware if you or your partner has, or has had an STI
- Any other concerns

*If your results show that you have Chlamydia you will be contacted within a week for follow up.
If your results show you do not have the infection you will receive a txt or an email from Auckland Sexual Health Services.*

Please Note: If you have had unprotected sex in the last 2 weeks a new Chlamydia infection may not show up.

This information is true and correct Date / /11
Sign

Office use only:

- | | | |
|--|---------------------------------------|--------------------------|
| <input type="checkbox"/> Sample Received | <input type="checkbox"/> Urine | <input type="checkbox"/> |
| <input type="checkbox"/> Condoms Given | <input type="checkbox"/> Anal swab | |
| | <input type="checkbox"/> Vaginal swab | |

Lab label here

Form Processed & Checked by



What We Found

	2011		2010		2009	
Male's tested	243	62%	332	68%	336	74%
Female's tested	149	38%	154	32%	121	26%
Total tested	392		486		457	
Male' positive	12	4.9%	8	2.4%	12	3.6%
Female's positive	14	9.4%	7	4.5%	4	3.3%
Total positive	26	6.6%	15	3.0%	16	3.5%
Age range tested	15 to 63yrs		15 to 59yrs		14 to 60yrs	
Age range positive	16 to 34yrs		18 to 34yrs		17 to 57yrs	
Mean age	20.4yrs		20.9yrs		23.1yrs	

How Do We Compare?

	Community screening 2011		SHC From ESR 2010		Family Planning from ESR 2010		SYHC from ESR 2010		Pre pilot ETHO		Pilot ETHO lab data	
Male's tested	243	62%							130	17.1%	698	31.9%
Female's tested	149	38%							630	82.9%	1468	68.1%
Total tested	392								760		2157	
Male' positive	12	4.9%	2151	6.3%	369	4.5%	227	0.3%	59	45.4%	155	22.2%
Female's positive	14	9.4%	2706	5.3%	2130	1.2%	744	1.4%	135	21.4%	370	21.6%
Total positive	26	6.6%	4858	5.7%	2500	1.4%	971	0.4%	194	25.6%	525	21.8%
Age range tested	15 to 63yrs											
Age range positive	16 to 34yrs		12 to 74yrs		13 to 54yrs		10 to 59yrs		14 to 24		14 to 24	
Mean age	20.4yrs		23.5yrs		21.3yrs		19.9yrs					

What To Do About That Pain?

	Completed form	No Sample		Tests	Test Positive		Positive & Symptomatic	
Male	1018	64	6.2%	954	40	4.19%	7	17.5%
Female	510	27	5.3%	483	18	3.73%	5	27.8%
Total	1528	91	11.5%	1437	58	4.0%	12	20.7%

A review of completed forms from 2007 till 2010 excluding Erotica 2010
University of Auckland - Nursing students

Who is checking it out?

	Erotica, Big Day Out & UNITEC			Big Gay Out		
	Completed form	Previous testing		Completed form	Previous testing	
Male	845	223	26.4%	89	64	71.9%
Female	421	227	53.9%	38	12	31.6%
Total	1266	450	35.5%	127	76	59.8%

A review of completed forms from 2007 till 2010 excluding Erotica 2010
 University of Auckland - Nursing students

So Do We Rate?

Summary



- There is a concerning number of people who are at risk of Chlamydia but who have no intention to test
- People are not seeking assessment/testing even when symptomatic
- People are not offended when they are offered chlamydia testing in a community setting
- For men especially, take every opportunity to offer to test for chlamydia
- Women are more likely to test than men, except for MSM
- Community testing is a valuable extension of the Sexual Health Service

