

Antenatal HIV Screening

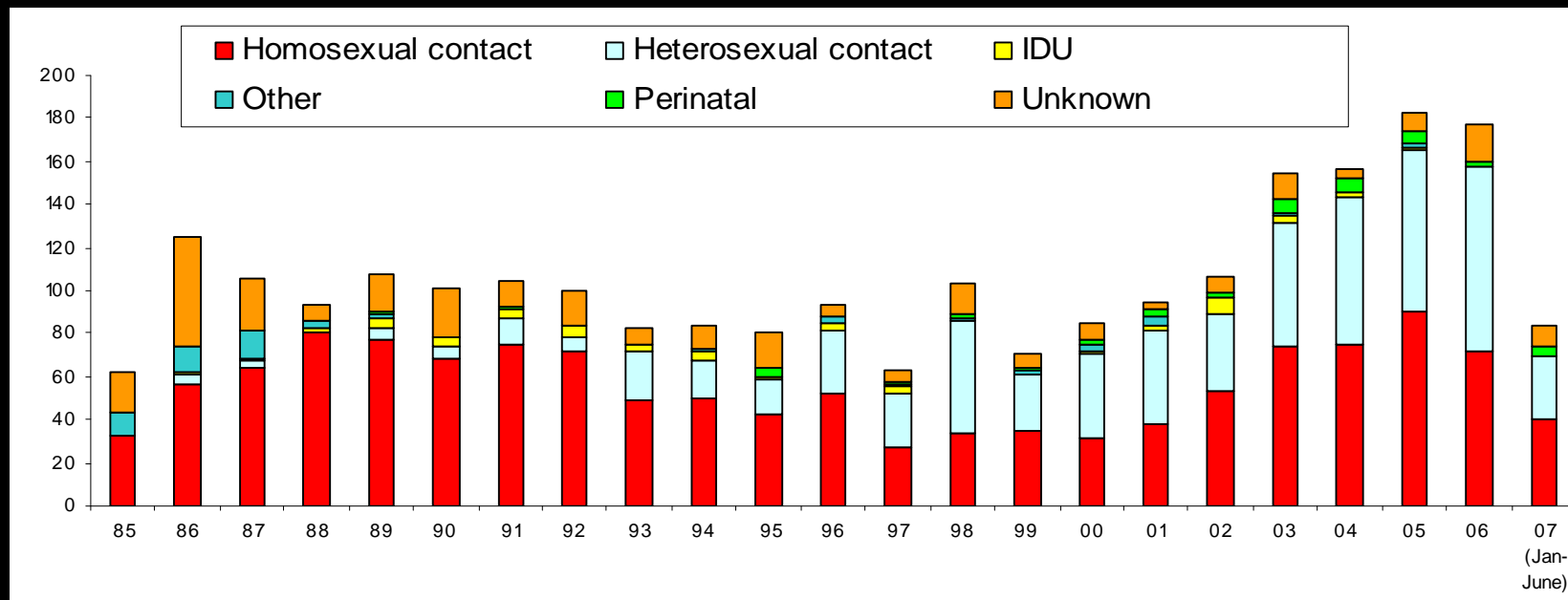


HIV

- q **Human Immunodeficiency Virus**
- q **Highly effective antiretroviral treatments now available**
- q **Life expectancy and quality of life has increased**
- q **More likely to die of age related disease e.g. heart disease than AID's**



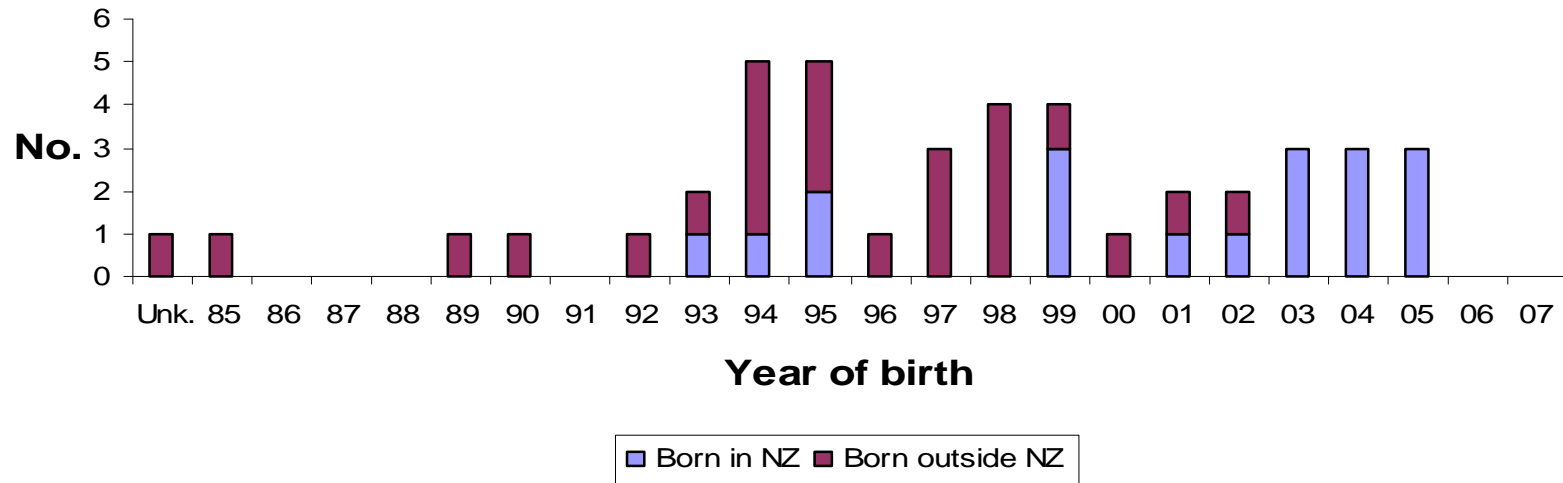
HIV diagnosis in NZ



Compiled by the HIV/AIDS epidemiology group Otago medical school

Mother to child transmission

Number of children diagnosed with mother to child transmission in New Zealand, by year of birth (N=43)

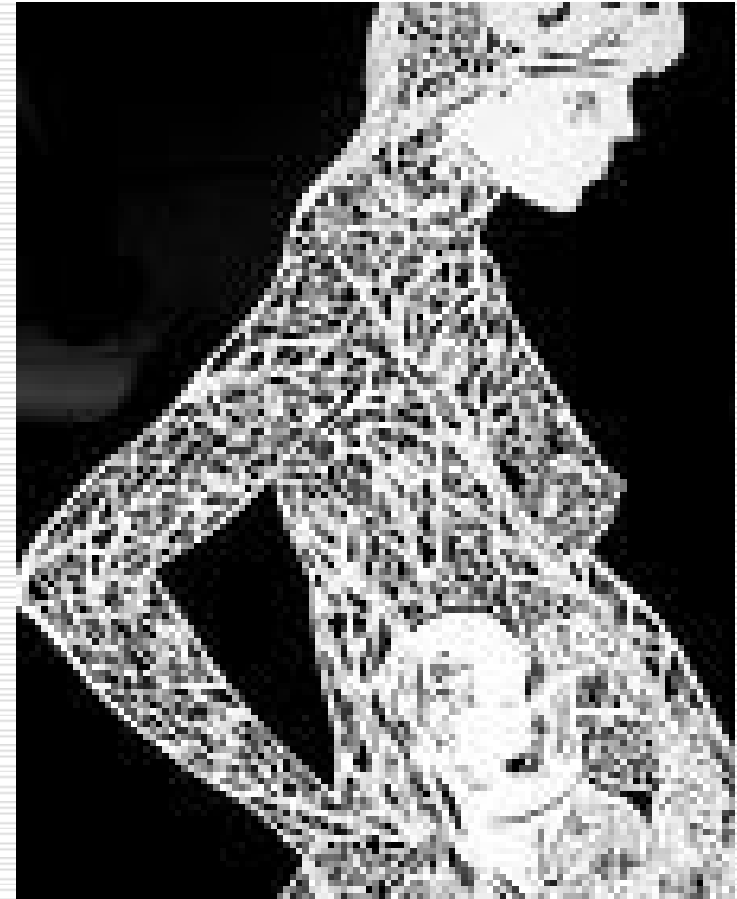


Compiled by the HIV/AIDS epidemiology group Otago medical school

CMDHB Antenatal HIV screening

History

- q UK: introduced universal antenatal HIV screening in 1999**
- q Australia : antenatal HIV screening is not routine**
- q NZ : currently screen 19 % of antenatal women for HIV**



MOH : Universal offer

**HIV test to be
Recommended**

**& Routinely Offered
to all pregnant women**

MOH requirements

- q** All pregnant women offered HIV test
- q** Document decline or accept in notes
- q** Failure to offer may lead to:
 - n** Medical misadventure by ACC
 - n** Breach of the H&D code
 - n** Case # 04HDC14171

Informed consent

- q Initial screening does not require complicated pre-test counselling
- q Women are offered & recommended an HIV test
- q Along with the five other initial blood tests
- q Document accept or decline in notes

Resources to assist with informed consent

- q MOH *HIV in Pregnancy* pamphlet
- q Translations may be done by MOH
- q PHO may access Language Line
- q All information on HEALTH POINT
www.healthpoint.co.nz

Why screen in Pregnancy



- q The current risk identification approach is not working up to 30% risk HIV transmission if women not identified
- q At least 16 perinatally infected children born in NZ since 2000
- q HIV diagnosis in heterosexual women in NZ is increasing
- q NZ has no reported cases of vertical transmission of HIV in women treated in pregnancy
- q To identify women already infected and prevent ongoing infection to others

Pregnancy care

All HIV +ve women cared for in Auckland by:

- q Maternal Fetal Medicine (MFM)
- q Continuity of care by Obstetricians, Physician & Midwives



Breastfeeding

- q** Artificial feeding is recommended in developed countries like NZ. Consider where baby will be after birth
- q** Plan for infant feeding should be made antenatally as part of education from the Infectious Diseases Team

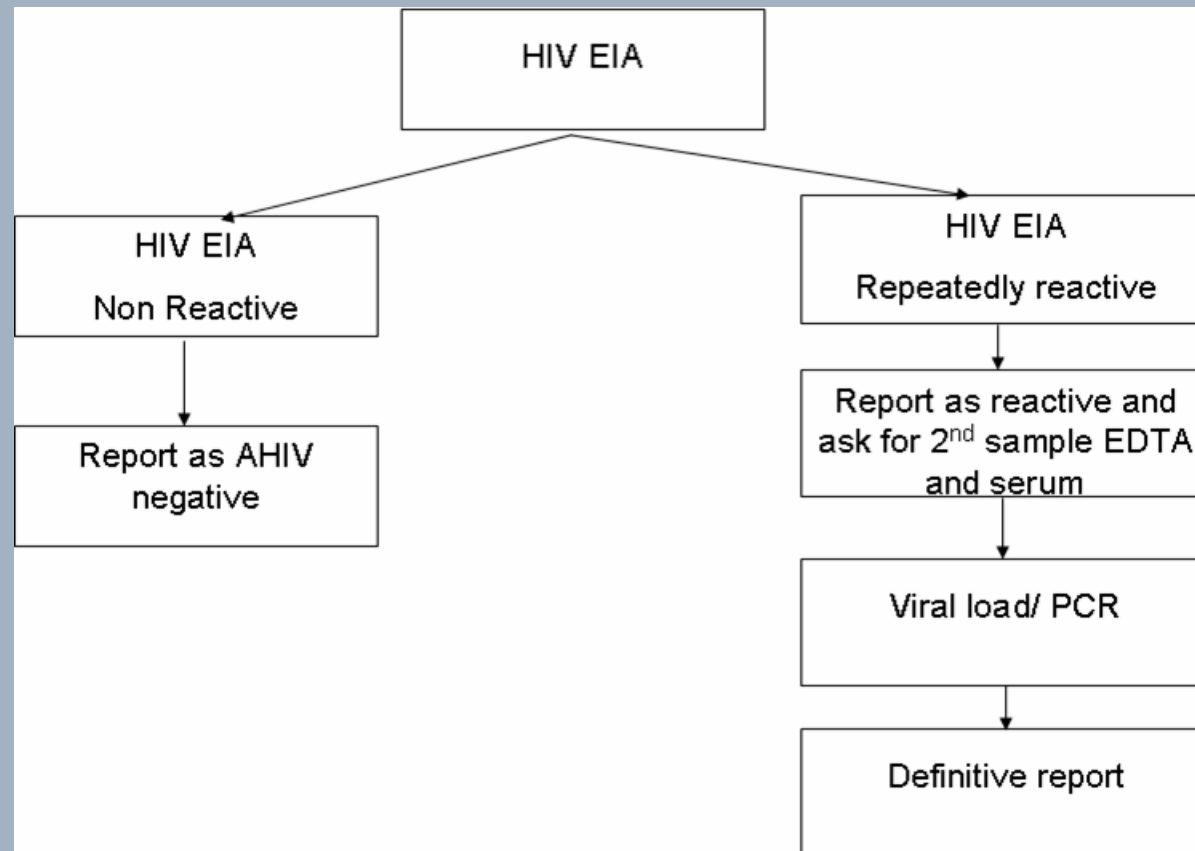


Support for HIV +ve women

Community Aids Resource Team (CART)

- q Infectious Diseases service located @ ACH
- q CART contact women ASAP and give support
- q CART Team = ID Doctors, Social Worker & three Nurses

Lab process



HIV Testing

- q **EIA 4th generation - antibody antigen test**
- q **1:1000 reactive = equates to 40-60 women per yr in Auckland**
- q **Anticipate approx 10 confirmed +ve HIV**
- q **Test won't pick up infection acquired in last 2 weeks**

Reactive EIA Results

- If EIA test reactive Lab personally phone you to obtain further sample
- Contact Woman to obtain further sample for Viral load
- For follow up test write HIV viral load (two purple tops)



Family name												
First names												
Date of Birth / /			M / F		Patient Phone							
NIHL No.			Patient Address			Patient Ineligible for Health Benefits <input type="checkbox"/>						
Ref No.		Time collected		Date collected		Time received		Date received		Depot	H/C	Fait

066020
DR SUSAN TAYLOR

AUTHORISED ORDERER NO.	GROUP ID
------------------------	----------

Copy to (initial and surname)

BIOCHEMISTRY	HAEMATOLOGY	MICROBIOLOGY
1010 <input type="checkbox"/> Liver Group 15.42	5401 <input type="checkbox"/> Full Blood Count £ 10.52	URINE
1034 <input type="checkbox"/> CK 3.41	5407 <input type="checkbox"/> ESR 7.04	4301 <input type="checkbox"/> MSU 15.91
1671 <input type="checkbox"/> Troponin £ 12.53	5410 <input type="checkbox"/> INR 8.87	<input type="checkbox"/> Other 15.91
RENAL	5411 <input type="checkbox"/> Coagulation screen * 32.04	UROGENITAL
1009 <input type="checkbox"/> Creatinine £ 3.15	1017 <input type="checkbox"/> Fe IBC 6.70	<input type="checkbox"/> Swabs - site 14.18
1066 <input type="checkbox"/> Electrolytes £ 6.39	1092 <input type="checkbox"/> Ferritin 6.17	4264 <input type="checkbox"/> Chlamydia - site 17.00
1026 <input type="checkbox"/> Potassium £ 3.34	1196 <input type="checkbox"/> B12/Folate 8.06	SWABS
1008 <input type="checkbox"/> Uric Acid 3.30		4355 <input type="checkbox"/> Throat
1007 <input type="checkbox"/> Urea £ 3.05		<input type="checkbox"/> Skin/wound - site
THYROID/HORMONES	NATAL	<input type="checkbox"/> Ear Left/right
1065 <input type="checkbox"/> Free T4 4.95	5459 <input type="checkbox"/> Antenatal group - 1st visit 34.38	4332 <input type="checkbox"/> Eye Left/right
1134 <input type="checkbox"/> TSH 5.62	5447 <input type="checkbox"/> Antenatal group - later visits 14.06	FAECES
1055 <input type="checkbox"/> LH 7.24	1045 <input type="checkbox"/> Polycose screen 5.46	4480 <input type="checkbox"/> Pathogens - Bacteria 14.89
1054 <input type="checkbox"/> FSH 8.91	1162 <input type="checkbox"/> G.T.T. in pregnancy * 17.47	<input type="checkbox"/> Giardia 19.70
1093 <input type="checkbox"/> Lipid Group 7.87	5460 <input type="checkbox"/> Cord blood 24.07	<input type="checkbox"/> Parasites - travel 12.77
DIABETES	1011 <input type="checkbox"/> Neonatal Bilirubin 5.77	4269 <input type="checkbox"/> Occult Blood 6.06
1006 <input type="checkbox"/> Glucose £ 3.05		OTHER
1371 <input type="checkbox"/> Hb A1c 10.44	1625 <input type="checkbox"/> HAAK (immune status) 9.80	4386 <input type="checkbox"/> Mycology - site * 19.08
1022 <input type="checkbox"/> G.T.T. * 17.47	1626 <input type="checkbox"/> HAV inrection 19.60	4382 <input type="checkbox"/> Sputum - Bacteria - non TB 16.16
DRUGS	1627 <input type="checkbox"/> HBV immune status 6.72	<input type="checkbox"/> TB - site 25.15
Hours since last dose	1628 <input type="checkbox"/> HBV infection 24.28	4398 <input type="checkbox"/> Semen - Post vasectomy 13.24
1075 <input type="checkbox"/> Digoxin 6.75	1629 <input type="checkbox"/> HCV 12.92	4265 <input type="checkbox"/> Semen - Fertility 22.26
1082 <input type="checkbox"/> Lithium 7.87	6571 <input type="checkbox"/> Rubella 8.15	4584 <input type="checkbox"/> Blood culture (each) 26.25
1076 <input type="checkbox"/> Dilantin 10.11	6528 <input type="checkbox"/> Inf. mono 3.86	4257 <input type="checkbox"/> Aspirate - site 14.26
1095 <input type="checkbox"/> Tegretol 10.11	1634 <input type="checkbox"/> EB virus 39.22	1189 <input type="checkbox"/> Tuberculin * 6.07
1298 <input type="checkbox"/> PSA 11.00	6591 <input checked="" type="checkbox"/> HIV 11.23	
1002 <input type="checkbox"/> Electrophoresis 5.99	6577 <input type="checkbox"/> Rheumatoid 12.20	
SKIN SENSITIVITIES *	CYTOLOGY	HISTOLOGY
Tick one of the following:	2201 <input type="checkbox"/> Cervical (per accession) 21.00	(Further details see right)
1528 <input type="checkbox"/> Asthma/Rhinitis 26.30	<input type="checkbox"/> Other Site 44.09	<input type="checkbox"/> Site 59.98
1527 <input type="checkbox"/> Eczema/General 26.30		
1526 <input type="checkbox"/> Acute Food Allergy 26.30		

Copy code

Priority (>3 hours) Time by: am/pm

Medical Emergency (2hrs£) Always Ph. 571 4034

£ Available as Emergency Tests

Results: Ph Fax

Additional Tests

CVD Risk 1238 Diabetes Yes No

Systolic BP Smoker Yes No

History CVD Yes No

Clinical Details Please

15 wks gestation

Signature

Date

Locum Auth Orderer No.



Labels SST Flu EDTA Cit PI URINE Tu..... Swab Fae Other Histo Cyto

www.dml.co.nz
* By appointment please

CMDHB Antenatal HIV screening

Giving results

- q Advise women antenatally reactive or positive test results must be given in person
- q Up to you if you give negative results on the phone
- q Support with reactive results call Antenatal HIV coordinator
- q Support with confirmed positive results phone
CART (community AIDS resource team)

Dealing with confirmed HIV +ve result

- q Anticipate **approx 10-20** confirmed HIV +ve women in Auckland
 - q Result phoned to requestor by laboratory (typically Pathologist)
 - q Phone **CART** for advice before giving + result
 - q Inform woman of result face to face
-

Desigmatisation campaign

**Positive women: is a support group
for HIV positive women in NZ**

Phone: 09 3091858 0800769848

Email positivewomen@xtra.co.nz

www.positivewomen.co.nz

Evaluation

- q Expect greater than 95% acceptance within New Zealand**
- q Statistics will be gathered to evaluate the success of implementing the program**

Support & Resources

- q **CART Infectious Diseases Team @ ACH**
- q **MFM team @ ACH**
- q **NZ Aids Foundation**
- q **Positive women**
- q **Auckland Sexual Health Services**
- q **CMDHB Antenatal HIV :**
co-coordinator: Tracey Senior 021940745
- q **Health Point**

HIV **CANNOT BE** transmitted from the following

q Sharing food, utensils, plates, cups

q Touching, hugging, cuddles

q Toilet seats

q Kissing & saliva or insect bites

q Bathing & showering together
