

STI Screening in a Multicultural Community Health Center



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Kokua Kalihi Valley

Comprehensive Family Services

Serving Kalihi Valley Residents Since 1972.



Kokua Kalihi Valley
2239 North School Street
Honolulu, HI 96819
www.kkv.net



Kalihi Valley



- **30,000 residents**
- **Urban, densely populated**
- **4 public housing projects**
- **Ho'oulu 'Aina Nature Park - 99 acres in back of Kalihi Valley**



Kokua Kalihi Valley



Serves:

- Over 10,000 patients/clients
- 20,000 visits
- 37% public housing residents
- 85% @ or under 100% Federal Poverty Level
- 42% Uninsured; 40% Medicaid/QUEST



Language and Culture



- **31% Filipino**
- **24% Micronesian (most Chuukese)**
- **20% Samoan**
- **7% Hawaiian**
- **8% East Asian**

1/3 of patients require an interpreter

Language and Culture

- ❖ KKV sees a growing number of migrants from Chuuk, Micronesia
- ❖ 24% patients
- ❖ 45% of pregnant women





Health Services

- Primary Medical and Dental Care
- Family Planning
- Prenatal Care
- Behavioral Health
- WIC and Nutrition
- Health Education
- Eligibility for insurance
- Outreach workers
- Youth Programs
- Elderly Exercise Programs
- K-VIBE Bike Program
- Nature Park
- Language Services
- Interpreter Training
- Transportation
- Case Management
- Medical Legal Partnership



KKV Pilot Program

To improve early detection of sexually transmitted infections (STI)

Needs & Strengths

- * STI Data
- * Cultural staff
- * FP Walk-In Clinic

DOH Collaboration

- * Planning
- * Staff Training

FP Walk-In Clinic Pilot



Chlamydia and Gonorrhea

❖ Chlamydia (CT) and Gonorrhea (GC)

- Common STIs; usually no symptoms
- Easy to test; Effective treatment w/antibiotics
- If untreated: damage incl. PID, ectopic pregnancy, infertility, blindness in newborns, death.

❖ CDC recommendations:

- Screening for all pregnant women
- Routine annual screening of women <26
- Screening of women 26+ and men (all ages) based on risk or in high prevalence settings.

❖ “Positivity rate” – not a good thing

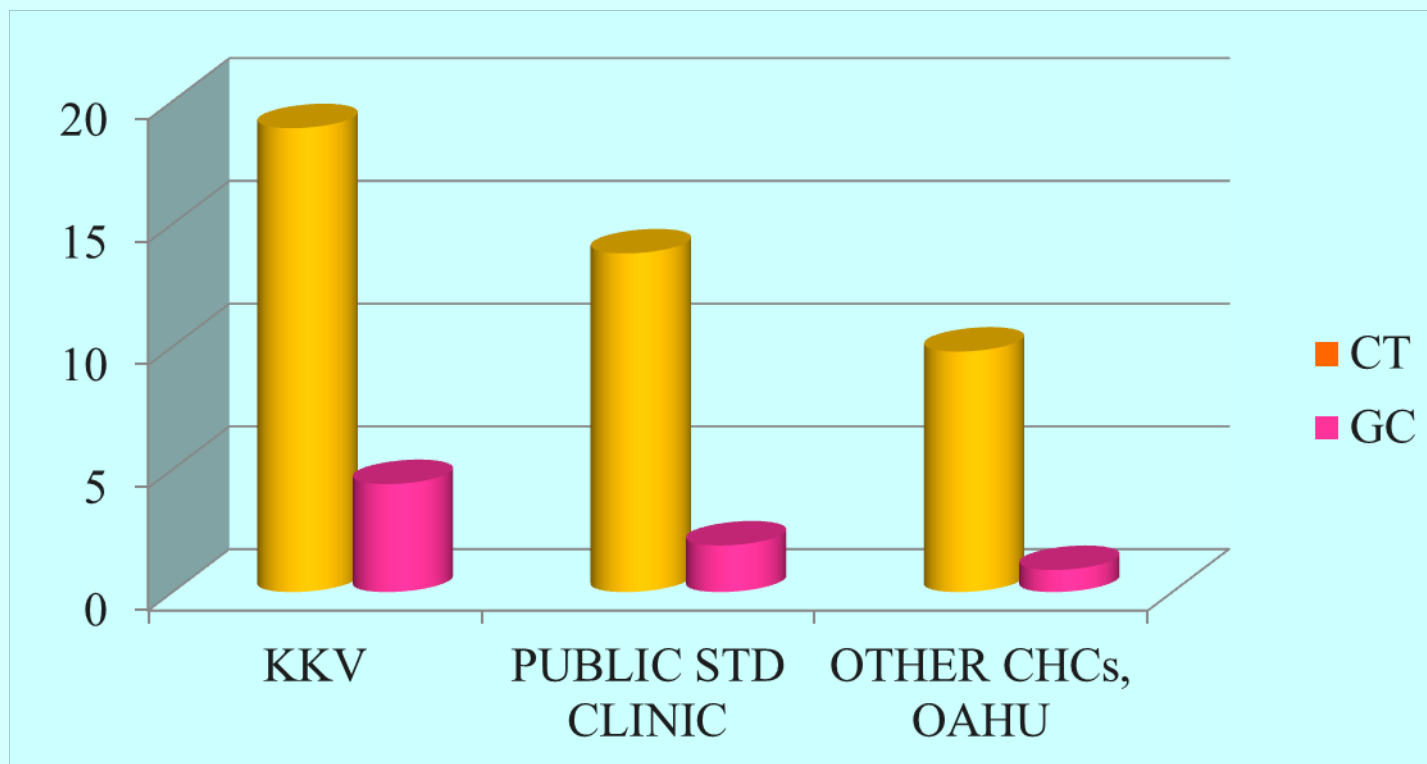


2010 Data : High STI rates

- ❖ KKV' s Chlamydia and Gonorrhea positivity rates among the highest in Hawaii (**GC – only state prison higher**)
- ❖ For women age 26 and over, KKV' s Chlamydia and Gonorrhea positivity rates the highest in Hawaii (2010)
- ❖ Micronesians disproportionately represented among those with positive test results.

Kokua Kalihi Valley

Chlamydia and Gonorrhea Positivity Rates among Females^a all ages 2010



a. Data from the Hawaii Chlamydia Screening Program, Hawaii Department of Health SAPB, STD Prevention Program.



2010 Positivity Rates for Chlamydia and Gonorrhea among Females^a

AGE GROUP (YEARS)	DISEASE	KKV	DOH STD Clinic	Other CHC's -Oahu
< 26	CHLAMYDIA	18.9 %	13.8%	9.8%
	GONORRHEA	4.4%	1.9%	0.4%
>=26	CHLAMYDIA	13.7%	6.1%	3.2%
	GONORRHEA	1.4%	0.9%	0.4%

a. Data from the Hawaii Chlamydia Screening Program, Hawaii Department of Health SAPB, STD Prevention Program.



STI Pilot Program

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FP Walk-In Clinic Pilot



Assets and Strengths



- ❖ Multi lingual, Multicultural Staff
- ❖ Family Planning Walk–In Clinic



Family Planning Walk-In Clinic

- ❖ Accessible: Walk-in Monday thru Saturday
8:00 to 5:30 weekdays; 8:30 to 4:30 Sats
- ❖ Pregnancy testing and counseling, ECP,
STI test, Depo-Provera and OCP re-fills,
Condoms, Education & Counseling
- ❖ First visit for Pregnant women:
comprehensive psycho-social assessment
and education



Family Planning Walk-In Clinic

- ❖ Over 700 visits each year
- ❖ Staff speak languages and know cultures of clients





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FP Walk-In Clinic Pilot



STI Pilot Program

FP Walk-In Clinic

- ❖ **Protocols** developed and approved by KKV & DOH, 2010 - 2011
- ❖ **Staff Training** by DOH STD/AIDS Prevention Branch (SAPB), May 2011
 - Nucleic acid amplification test for CT and GC
 - Urine and Self-collected vaginal swab
- ❖ **Pilot Program** began June 1, 2011
- ❖ Added routine HIV test offer in Jan 2012 after KKV staff refresher training by SAPB



STI Pilot Program

FP Walk-In Clinic

- ❖ Routinely offered to all eligible clients
- ❖ Eligibility:
 - All clients with no STI test in past year
 - All clients walking in for Pregnancy test and ECP, any, regardless of last test date
 - Any other clients with new sexual partner since last STI test
- ❖ All tests performed by the State Laboratory Department via the DOH Chlamydia Screening Program



Pilot Program Results

June 2011 through May 2012

- ❖ 426 eligible FP Walk-In clients
- ❖ 417 (98%) of eligible clients were offered Chlamydia and Gonorrhea tests
- ❖ 379 (89%) accepted
 - 379 clients tested
 - 378 female, 1 male



Pilot Program Results

Positivity Rates for Chlamydia & Gonorrhea All Ages^a : June 2011 through May 2012

DISEASE	Number of Tests	Number Positive tests	Positivity Rate
CHLAMYDIA	377	52	13.8 %
GONORRHEA	377	3	<1%

a. Data from KKV STI Database - FP Walk-In Clinic



Pilot Program Results

Chlamydia Positivity Rate by Race

All Ages^a - June 2011 through May 2012

	Chuukese	Samoan	Filipino	Hawaiian	Other
All clients tested	29%	28%	28%	9%	6%
CT +	40%	35%	15%	10%	1%

Almost all those age 26 and over with positive CT results were Chuukese (12 of 13)

a. Data from KKV STI Database - FP Walk-In Clinic



Chlamydia Testing at KKV Before and After Pilot Program^a

Women < 26 years old

- ❖ Average for all DOH FP Clinics: 50%
- ❖ **KKV Before** Pilot Program: 34%
 - Jan to June 2011
- ❖ **KKV After** Pilot Program: 68%
 - July to December 2011

^a**Data provided by Lois Arakaki, Department of Health,
Maternal Child Health Branch, Family Planning Program.**



Discussion

- ❖ KKV' s positivity rate indicates this program is effective and cost effective in reaching a high risk group.
 - With a CT positivity rate of greater than 3%, this screening activity is cost effective (CDC, Infertility Prevention Project)
- ❖ Although women 26 years and over are not considered an at risk group per CDC guidelines, KKV' s high + rate for this age group warrants expanding routine screening ages for its patient population.



Discussion

- ❖ Chuukese and Samoan women using KKV' s FP walk-in services are at higher risk for STI' s than other groups.
- ❖ Factors: social determinants of health, income & education; migration; cultural change, loss & stress; and limited resources for health, education and economic systems in home islands.

See References



Community Strengths



Samoan Women's Health Group



Community Strengths



Chuukese Women's Health Group



Discussion

- ❖ Providers should consider national STI guidelines tailored with local data, experience, needs and strengths to best meet the needs of local, immigrant and migrant Asian and Pacific Islander communities.





References

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- Kinsou Chappur
- Fa' afetai lava
- Salamat
- Mahalo nui loa
- *Thank you*