

Screening For FASD in Corrections Systems

Important yes, BUT WHAT is Feasible?

Larry Burd, PhD
North Dakota FAS Center
Department of Pediatrics
University of North Dakota School of
Medicine and Health Sciences
Grand Forks, ND 58202

Table 2. Admissions to adult correctional services, by jurisdiction, 2010/2011

Jurisdiction	Custody	
	number	Rate/100,000
Newfoundland and Labrador	1,974	472.7
Prince Edward Island	948	830.4
Novia Scotia	5,323	691.6
New Brunswick	4,923	805.4
Quebec	40,825	640.0
Ontario	94,763	902.3
Manitoba	24,023	2,528.7
Sakatchewan	11,091	1,381.9
Alberta	39,995	1,378.7
British Columbia	*23,800	--
Yukon	614	2,249.2
Northwest Territories	1,337	4,138.2
Nunavut	--	--
Total	225,776	960.5
Federal	8,416	30.9
Total	257,992	996.4

*British Columbia data from 2008

Source: Statistics Canada, Canadian Centre for Justice Statistics, Adult Correctional Services Survey.

Corrections FASD Prevalence:

Is it

1% 5% 10% 20% 25%

?

PAE

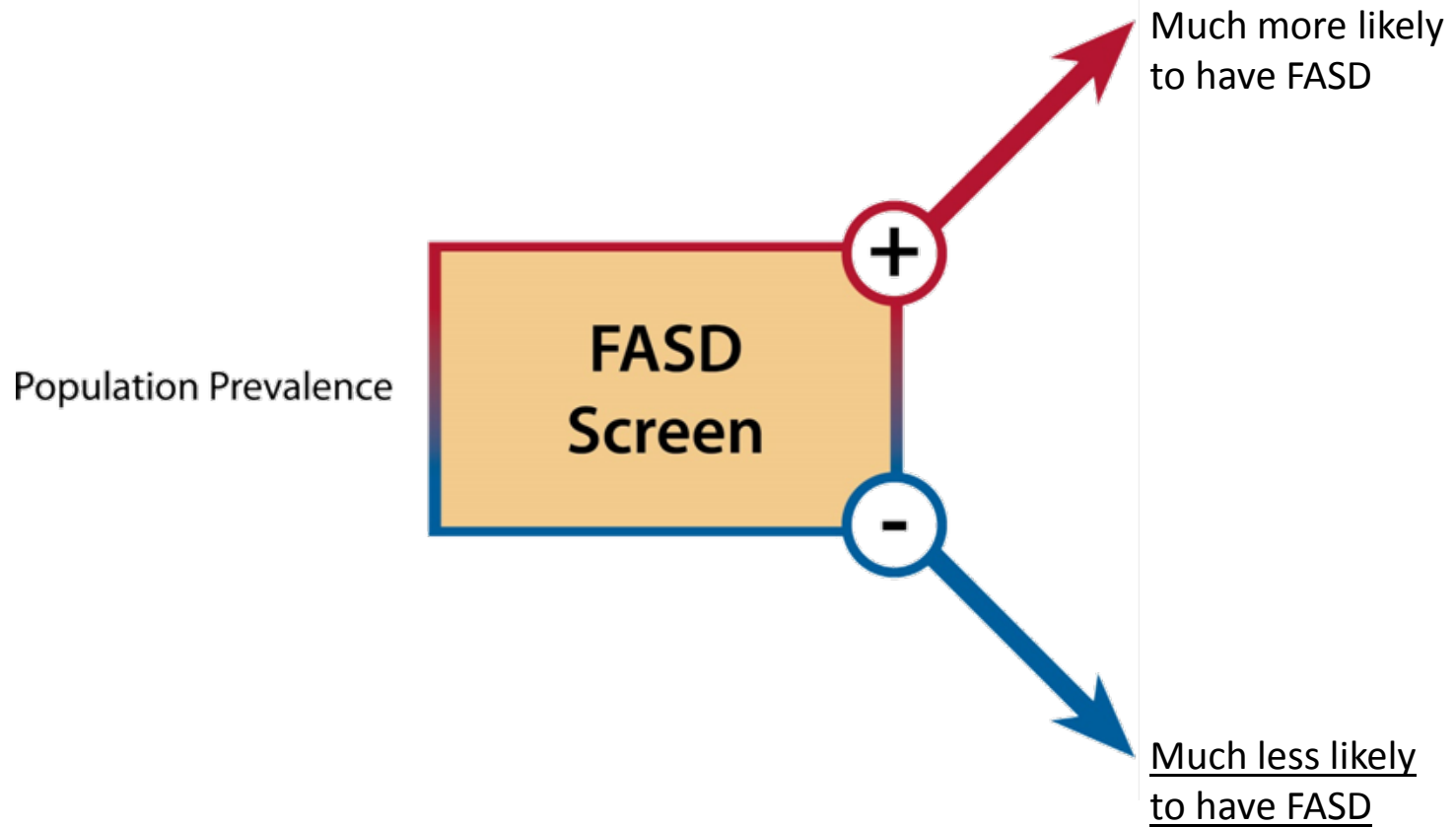
Confirmed Use

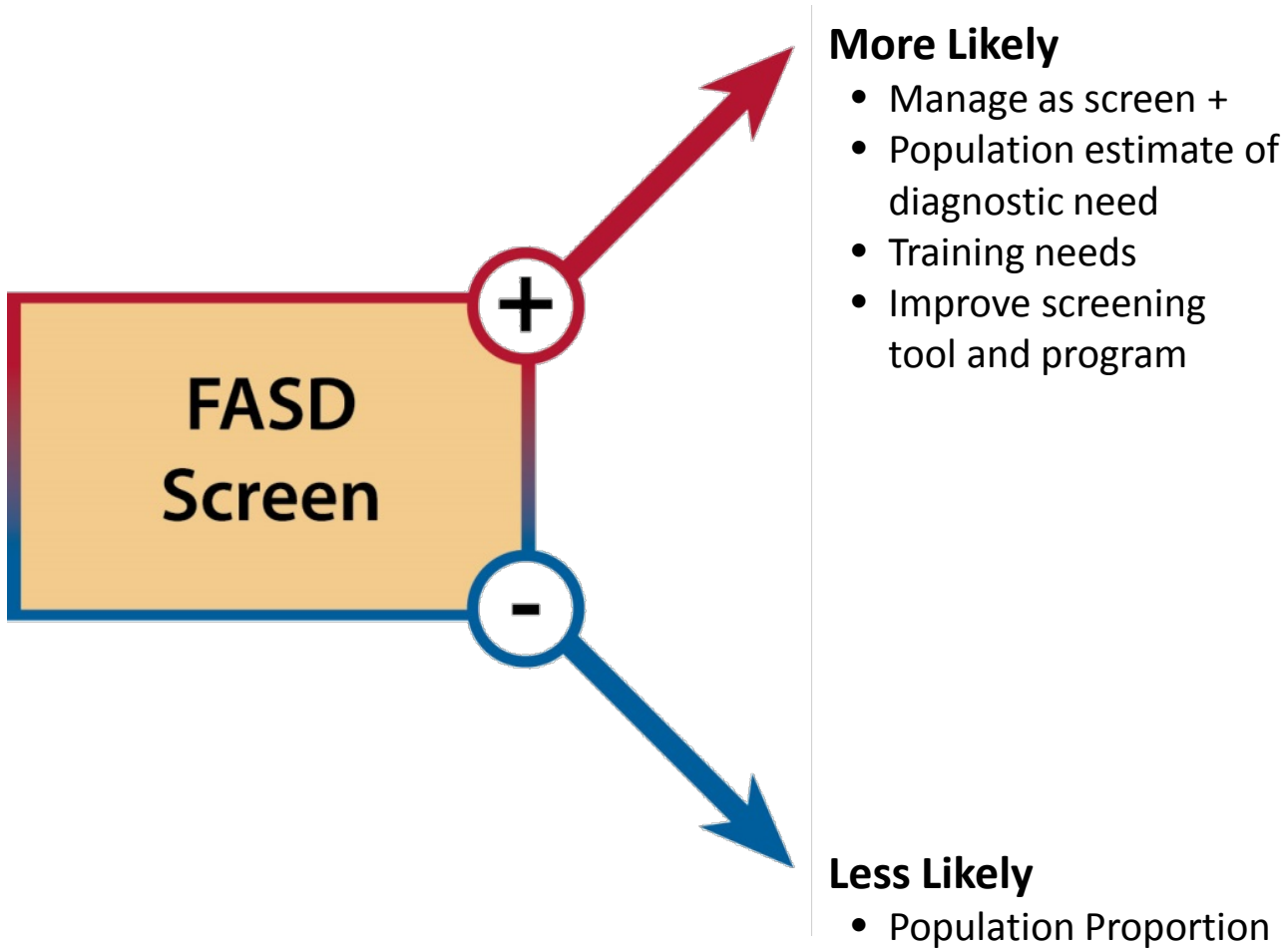
Unambiguous Evidence "No Use"



- Foster Care
- Maternal Death
- Substance Abuse Treatment
- DUI
- FASD Sibling
- Mother in Prison
- Drinking in Later Pregnancies
- Maternal Risk Score

FASD Screening





Screen For FASD

Then We

- a) Manage 50% with Video + Training
- b) Assess 25% with Eval & Recommend (1-2 hr)
- c) Refer 25% with Team Assessment (1 day)

25% FASD Prevalence

Step 1: Electronic Database Screen (10 variables to screen out 75%)

	Each year	Screen 50 weeks/5 days (250 days)	+ Screens @ 25%
Provincial	257,992	1,031 (Day)	257 (Day)
Federal	8,416	34 (Day)	8.4 (Day)

25% FASD Prevalence

Step 2: Capacity and Outcomes

Strategy	Provincial	Federal
Manage (50%)	32,000 (yr)	1,052 (yr)
Assess (25%)	16,000 (yr)	526 (yr)
Refer (25%)	16,000 (yr)	526 (yr)
	<hr/> 64,000 (yr)	<hr/> 2,104 (yr)

25% FASD Prevalence

Step 3: Screen Positive = 64,000 + 2,104 (year)

Manage with Video + Training	32,000	+	1,052
------------------------------	--------	---	-------

Assess with Eval & Recommend (1-2 hr)	16,000	+	526
---------------------------------------	--------	---	-----

Refer for Team Assessment (1 day)	16,000	+	526
-----------------------------------	--------	---	-----

	Provincial	Federal
• Secure	8,000 (160week)	263 (5-6/week)
• Transport	8,000 (160/week)	263 (5-6/week)

10% FASD Prevalence

Step 1: Electronic Database Screen (10 variables to screen out 90%)

	Each year	50 weeks/5 days (250 days)	+ Screens @10%
Provincial	257,992	1,031 day	103 (Day)
Federal	8,416	34 day	3.4 (Day)

10% FASD Prevalence

Step 2: Capacity and Outcomes

Strategy	Provincial	Federal
Manage (50%)	12,900 (yr)	420 (yr)
Assess (25%)	6,449 (yr)	210 (yr)
Refer (25%)	6,449 (yr)	210 (yr)
	<hr/> 25,792 (yr)	<hr/> 840 (yr)

10% FASD Prevalence

Step 3: 10% Screen Positive = 25,792 + 840

Manage with Video + Training	12,900	+	420
------------------------------	--------	---	-----

Assess with Eval & Recommend (1-2 hr)	6,449	+	210
---------------------------------------	-------	---	-----

Refer for Team Assessment (1 day)	6,449	+	210
-----------------------------------	-------	---	-----

- | | Provincial | Federal |
|-------------|-------------------|----------------|
| • Secure | 3,225 (64/week) | 105 (2-3/week) |
| • Transport | 3,225 (64/week) | 105 (2-3/week) |

Conclusions

- Build electronic screen into admission database
- Assess screening process
- Assess and modify screens (variables)
- Begin to match response capacity with screening output