

North Dakota Fetal Alcohol Syndrome Center

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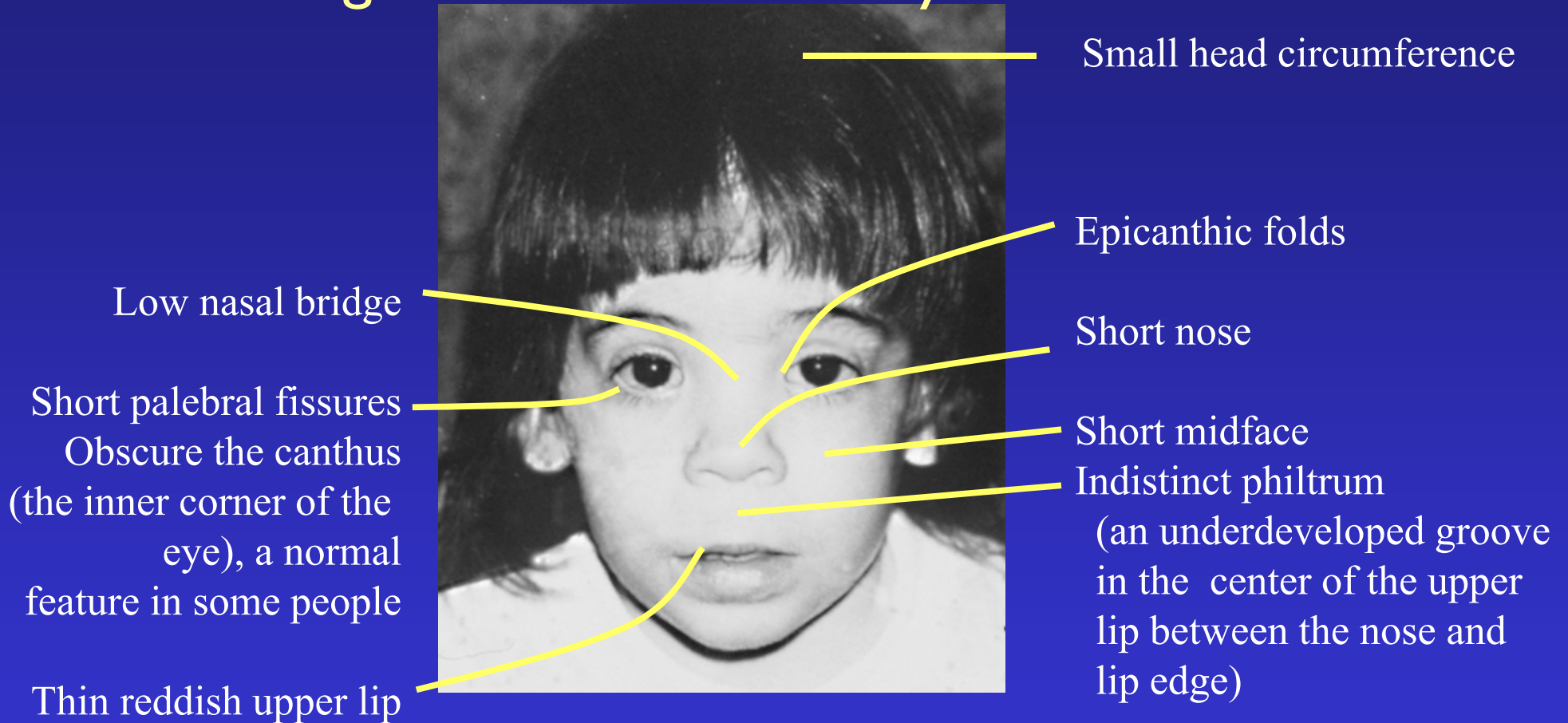
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FAS FACT SHEET:

Signs of Fetal Alcohol Syndrome



There are between 1.5 and 2.5 cases of FAS per 1,000 live births in North Dakota each year.

Causes of Mental Retardation in the U.S.

- Prenatal Alcohol Syndrome
- Downs Syndrome
- Fragile X Syndrome

*FAS is the leading identifiable cause
of mental retardation in the U.S.*

**Alcohol Related
Birth Defects and
Developmental
Disabilities**

*Fetal
Alcohol
Syndrome*

The full spectrum of damage caused by drinking during pregnancy is large. FAS represents only a part of this spectrum.

Prevalence of FAS in North Dakota

- 10-18 children with FAS are born each year.

The number of new cases of FAS appears to have been unchanged for several years.

Scope of the problem

- **Populations of persons with FAS**
- **Children 180-324**
- **Adults 360-800**

Depending on birth and death rates, the child and adult populations of people with FAS in North Dakota could be as high as 1124.

North Dakota Fetal Alcohol Syndrome Cost Study: Human Services Cost Analysis

Year	Cost Per Case
1	\$1,236.51 + 955.29
2	\$1,448.57 + 687.15
Average	\$1,324.54 + 509.49

The average cost of Human Service System services is \$1,324.00 per year for each child with FAS.

In North Dakota the cost of Human Services for each case of FAS to the age of 18 is \$23,841.72.

North Dakota Fetal Alcohol Syndrome Cost Study: Medical Care Cost Analysis

Year	Cost per case	Child Controls	Difference
1991-92	\$5,562.13 + 2771.91		
1996-97	\$4,997.27 ± 15,094.98	\$594.28	\$4,402.99

The annual cost of medical care services was \$5,297.00 per case of FAS. In 1996-1997 the annual excess cost of medical care due to FAS was \$4,402.99 per case. In North Dakota the cost of inpatient medical care for each case of FAS to age 18 is \$95,034.60

North Dakota FAS Cost Study: Annual Parents Costs

- **Cost Center**
 - **Parents**
-

- **Travel**
- **Meals and lodging**
- **Insurance Deductible**
- **Vacations and sick leave**
- **Child Care**
- **Telephone**



\$17,984

*It costs parents (adoptive or biological)
\$17,984 per year to care for a child
with FAS.*

North Dakota FAS Cost Analysis: Annual Group Costs 1996-1997

Cost Center	FAS Population			
	Children		Adults	
	n=180	n=324	n=400	n=850
Human Services	238,417	429,150		
Medical Costs	950,220	1,710,396		
Special Education Schools				
Parents	3,132,000	5,637,600		
Total	\$4,320,637	\$7,777,146		

Identified costs for FAS in North Dakota are at least 1.2 million dollars per year. The minimum cost estimate for the state of North Dakota to age 18 for each case of FAS is \$118,876.32.

North Dakota FAS Cost Study: Adults

N=400 to 850

Cost

Residential Care

Works

Criminal Justice

Mental Health

Medical Care

Medical

Psychiatric

The cost for adults with FAS is likely to be 5-8 times the cost of care for a child with FAS.

North Dakota FAS Cost Study: Estimated Annual Cost

<u>Group</u>	<u>Cost</u>
• Children	\$ 6,048,891
• Adults	\$11,096,000
• Total	\$17,144,891

For each \$10,000 spent caring for persons with FAS, North Dakota spent less than \$30.00 on prevention efforts.

Prevention of FAS

- **If women who have had a child with FAS continue to drink, they have more than a 75% chance of having another child with FAS.**

We must focus some prevention efforts on this very high risk group if we are to be effective in preventing FAS in North Dakota

*If the state of North Dakota
spent 1% of the cost of caring
for persons with FAS
on prevention,
we would spend \$157,643
per year, or
\$315,286.00 per biennium.*

Click the below Link

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