

Summary of the First 1,500 Patients Diagnosed

Description of Criteria Required to Receive an Evaluation in the FAS DPN Clinics

In general:

The only criteria required to be seen in the FAS DPN is a confirmed prenatal alcohol history (Alcohol Rank 3 or 4). The presence of the full FAS facial phenotype (Face Rank 4) can be used in lieu of a confirmed prenatal alcohol history.

OUTCOMES

Gender	n	(valid %)
Female.....	647	(43.2)
Male	852	(56.8)

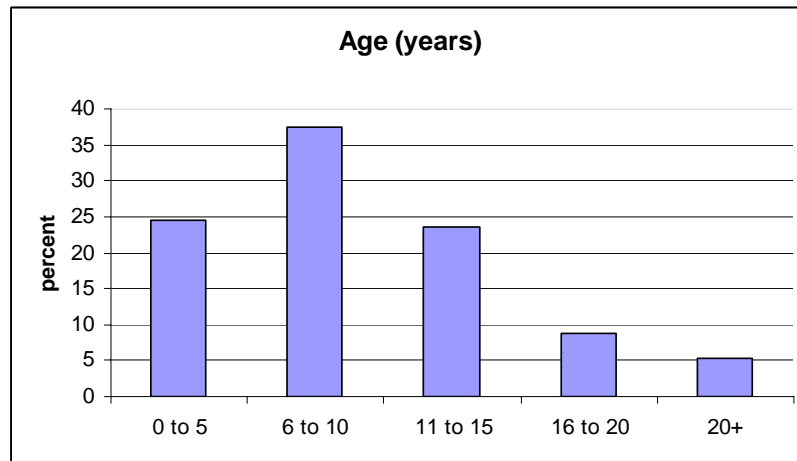
Race	n	(valid %)
Caucasian	764	(51.4)
Caucasian/Native American.....	109	(7.3)
Caucasian/Hispanic.....	78	(5.2)
Caucasian/Unknown	71	(4.8)
Caucasian/African American.....	59	(4.0)
Caucasian/Alaskan Native	24	(1.6)
African American.....	91	(6.1)
African American/Native American	16	(1.1)
African American/Hispanic	10	(0.7)
Native American	104	(7.0)
Native American/Hispanic.....	48	(3.2)
Native American/Unknown	18	(1.2)
Alaskan Native.....	4	(0.3)
Native American/Alaskan Native	4	(0.3)
Asian	0	(0.0)
Hispanic	15	(1.0)
Pacific Islander.....	1	(0.1)
Other Mixed Race	71	(4.8)

Washington State FAS Diagnostic and Prevention Network (FAS DPN)

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Using the Diagnostic Guide for FAS and Related Conditions: The 4-Digit Diagnostic Code (Astley & Clarren, 1999)

Age at Time of Diagnosis (years)	n	(valid %)
0.0 - 0.9.....	26	(1.8)
1.0 - 1.9.....	68	(4.5)
2.0 - 2.9.....	67	(4.6)
3.0 - 3.9.....	88	(5.9)
4.0 - 4.9.....	119	(7.9)
5.0 - 5.9.....	113	(7.5)
6.0 - 6.9.....	136	(9.1)
7.0 - 7.9.....	111	(7.4)
8.0 - 8.9.....	110	(7.3)
9.0 - 9.9.....	91	(6.1)
10.0 - 10.9.....	80	(5.3)
11.0 - 11.9.....	81	(5.4)
12.0 - 12.9.....	64	(4.3)
13.0 - 13.9.....	72	(4.8)
14.0 - 14.9.....	57	(3.8)
15.0 - 15.9.....	43	(2.9)
16.0 - 16.9.....	38	(2.5)
17.0 - 17.9.....	26	(1.7)
18.0 - 18.9.....	20	(1.3)
19.0 - 19.9.....	8	(0.5)
20.0 - 29.9.....	53	(3.5)
30.0 +	29	(1.9)
	mean	(SD)
	9.5	(6.7)
	minimum	maximum
	0.2	50.8

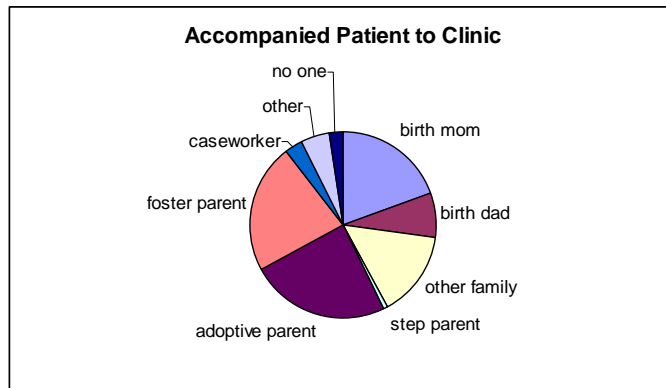


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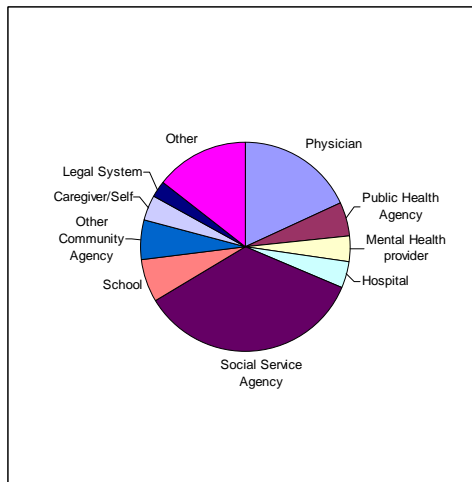
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Closest Relation Accompanying Patient to Clinic	n	(valid %)
Birth mother	281	(19.4)
Birth father	111	(7.7)
Other biological family member	214	(14.8)
Step parent	12	(0.8)
Adoptive parent.....	352	(24.3)
Foster parent.....	326	(22.5)
Social or caseworker	42	(2.9)
Other	73	(5.0)
No one.....	38	(2.6)



Who Referred Patient for a Diagnostic Evaluation	n	(valid %)
Physician	148	(17.9)
Public Health Agency	44	(5.3)
Mental Health provider	33	(4.0)
Hospital	34	(4.1)
Social Service Agency	288	(34.9)
School	57	(6.9)
Other Community Agency	49	(5.9)
Caregiver/Self	32	(3.9)
Legal System.....	22	(2.7)
Other	118	(14.3)



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4-Digit Diagnostic Category		Prevalence		Age (years)	
		n	(valid %)	mean	(SD)
A.	FAS (alcohol exposed)	36	(2.4)	6.7	(9.1)
B.	AFAS (alcohol exposed)	7	(0.5)	13.4	(5.0)
C.	FAS (alcohol unknown)	56	(3.7)	9.5	(7.7)
D.	FAS Phenocopy (no alcohol exposure)	0	(0.0)	(--)	(--)
E.	Sentinel physical findings / static encephalopathy (alcohol exposed)	120	(8.0)	8.4	(6.8)
F.	Static encephalopathy (alcohol exposed)	298	(19.9)	10.6	(6.3)
G.	Sentinel physical findings / neurobehavioral disorder (alcohol exposed)	116	(7.7)	7.7	(5.9)
H.	Neurobehavioral disorder (alcohol exposed)	498	(33.2)	9.4	(5.8)
I.	Sentinel physical findings (alcohol exposed)	17	(1.1)	8.3	(11.5)
J.	No cognitive/behavioral or sentinel physical findings (alcohol exposed)	101	(6.7)	6.3	(6.3)
K.	Sentinel physical findings / static encephalopathy (alcohol unknown)	20	(1.3)	11.9	(8.5)
L.	Static encephalopathy (alcohol unknown)	66	(4.4)	11.7	(4.9)
M.	Sentinel physical findings / neurobehavioral disorder (alcohol unknown)	34	(2.3)	12.7	(10.2)
N.	Neurobehavioral disorder (alcohol unknown)	107	(7.1)	11.3	(7.1)
O.	Sentinel physical findings (alcohol unknown)	1	(0.1)	6.3	(--)
P.	No cognitive/behavioral or sentinel physical findings (alcohol unknown)	19	(1.3)	8.3	(10.6)
Q.	Sentinel physical findings / static encephalopathy (no alcohol exposure)	0	(0.0)	(--)	(--)
R.	Static encephalopathy (no alcohol exposure)	2	(0.1)	6.6	(3.2)
S.	Sentinel physical findings / neurobehavioral disorder (no alcohol exposure)	1	(0.1)	5.3	(--)
T.	Neurobehavioral disorder (no alcohol exposure)	1	(0.1)	6.8	(--)
U.	Sentinel physical findings (no alcohol exposure)	0	(0.0)	(--)	(--)
V.	No cognitive/behavioral or sentinel physical findings (no alcohol exposure)	0	(0.0)	(--)	(--)

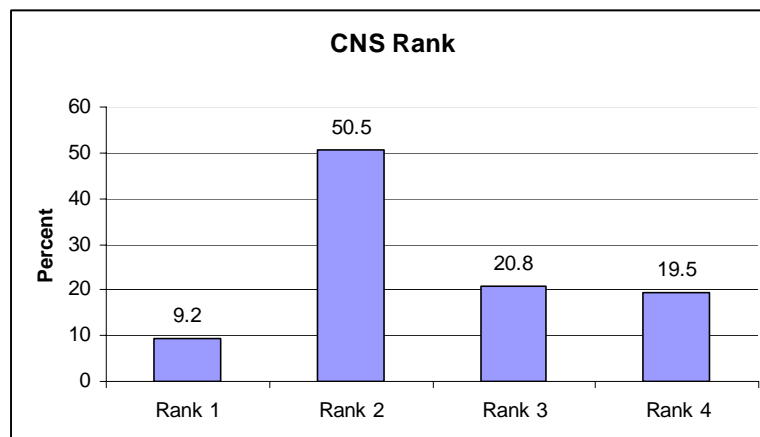
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Evidence of Organic Brain Damage	n	(valid %)
Static encephalopathy (FAS or AFAS).....	99	(6.6)
Static encephalopathy (not FAS or AFAS).....	506	(33.7)
Neurobehavioral disorder.....	757	(50.5)
No evidence of organic brain damage	138	(9.2)

Microcephaly (2 or more standard deviations below the norm)	n	(valid %)
At time of diagnosis.....	189	(12.6)

CNS Rank: (Likelihood of CNS Damage)	n	(valid %)
Rank 1: No evidence of CNS damage/dysfunction.....	138	(9.2)
Rank 2: Possible, (neurobehavioral disorder),	757	(50.5)
Rank 3: Probable (static encephalopathy).....	312	(20.8)
Proportion of Rank 3 that are also Rank 4.....	83	(26.6)
Rank 4: Definite (static encephalopathy.....	293	(19.5)
Proportion of Rank 4 that are also Rank 3.....	83	(28.3)
Proportion of Rank 4 that are also Rank 2.....	77	(26.3)

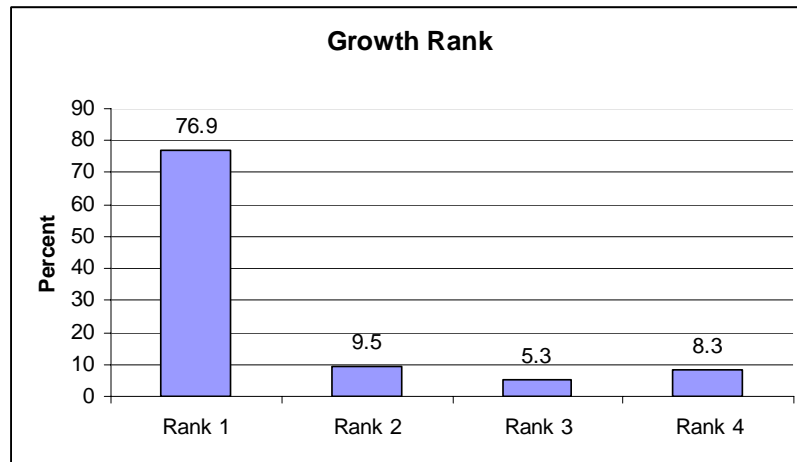


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Growth Deficiency Rank

	n	(valid %)
Rank 1: None (height and weight > 10 th percentile)	1154	(76.9)
Rank 2: Mild (height and weight between 5 th and 10 th percentile)	142	(9.5)
Rank 3: Moderate (height and weight between 3 rd and 5 th percentile).....	79	(5.3)
Rank 4: Severe (height and weight ≤ 3 rd percentile)	125	(8.3)

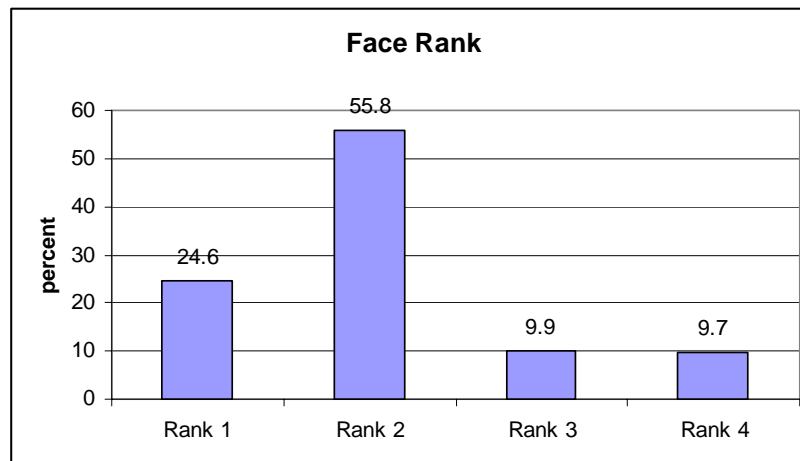


FAS Facial Phenotype Rank

The three diagnostic features include

1. palpebral fissure lengths two or more SDs below the norm,
2. smooth philtrum (Rank 4 or 5 on the Lip-Philtrum Guide) and
3. thin upper lip (Rank 4 or 5 on the Lip-Philtrum Guide)

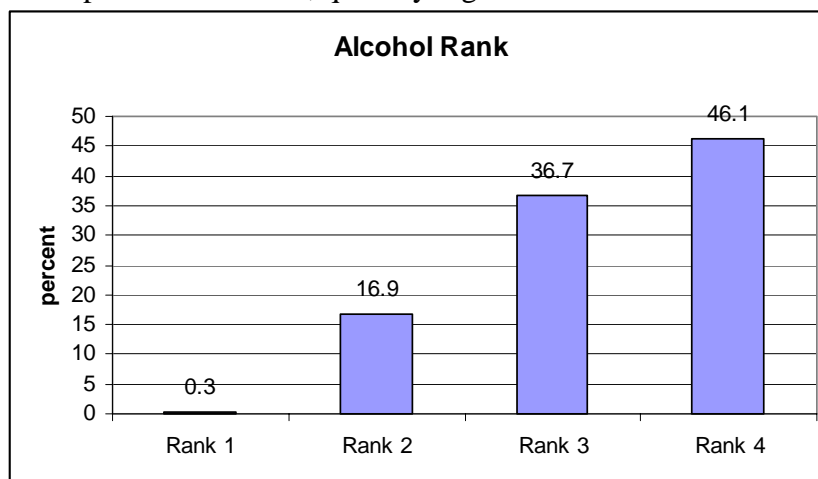
	n	(valid %)
Rank 1: Normal, none of the three FAS facial features	369	(24.6)
Rank 2: Mild, one of the three FAS facial features	837	(55.8)
Rank 3: Moderate, two of the three FAS facial features	149	(9.9)
Rank 4: Severe, all three of the three FAS facial features.....	145	(9.7)



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Prenatal Alcohol Exposure Rank	n	(valid %)
Rank 1: Confirmed absence of exposure from conception to birth.....	4	(0.3)
Rank 2: Unknown exposure	254	(16.9)
Rank 3: Alcohol exposure confirmed, quantity moderate or unknown.....	551	(36.7)
Rank 4: Alcohol exposure confirmed, quantity high.....	691	(46.1)



Other Prenatal Exposures / Adverse Events:	n	(valid %)
Rank 1: None reported.....	14	(0.9)
Rank 2: Unknown.....	279	(18.8)
Rank 3: Some risk (poor prenatal care, other drug exposure, etc)	1043	(70.3)
Rank 4: High risk (exposure to known teratogen, known genetic risk factor(s))..	148	(10.0)

Other Postnatal Exposures / Adverse Events	n	(valid %)
Rank 1: None reported.....	55	(3.7)
Rank 2: Unknown	253	(17.1)
Rank 3: Some risk (neglect, multiple placements).....	573	(38.7)
Rank 4: High risk (physical / sexual abuse, severe neglect)	601	(40.6)

Physical Abuse	n	(valid %)
None reported.....	703	(47.4)
Suspected	88	(5.9)
Yes	447	(30.1)
Unknown.....	246	(16.6)

Sexual Abuse	n	(valid %)
None reported.....	753	(50.8)
Suspected	153	(10.3)
Yes	279	(18.8)
Unknown.....	298	(20.1)

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Birth Mother's Age (years) at Time of Child's Diagnosis	n	(valid %)
15 to 19.9	11	(1.0)
20 to 29.9	305	(27.5)
30 to 39.9	554	(50.0)
40 to 49.9	180	(16.2)
50 to 59.9	36	(3.2)
60 or greater	23	(2.1)
	mean	(SD)
	35.3	(9.2)
	minimum	maximum
	16.1	81.2

Birth Mother's Age (years) at Child's Birth	n	(valid %)
< 15	3	(0.3)
15 to 19.9	203	(18.3)
20 to 29.9	619	(55.9)
30 to 39.9	265	(23.9)
40 to 49.9	16	(1.4)
50 to 59.9	1	(0.1)
	mean	(SD)
	26.0	(6.1)
	minimum	maximum
	14.2	51.2

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Reported Maternal Alcohol Use Before Pregnancy	mean	(SD)
Average number of drinks per occasion (n = 532)	9.7	(10.6)
Maximum number of drinks per occasion (n = 489)	14.5	(13.7)
Number of days of drinking per week (n = 672)	4.9	(3.6)

Reported Maternal Alcohol Use During Pregnancy	mean	(SD)
Average number of drinks per occasion (n = 571)	8.4	(10.3)
Maximum number of drinks per occasion (n = 515)	12.5	(11.7)
Number of days of drinking per week (n = 733)	4.7	(3.5)