

Table 1: Questionnaire distributed to parents/caregivers of children with FACS in Aotearoa New Zealand.

Section	Question	Question type	Free-text section
Socio-demographics	Date of birth	Write answer	No
	Gender		
	Ethnicity		
	Age of FACS diagnosis	Write age in year/months	No
Anticonvulsant drug regime	Anticonvulsant drugs taken by mother during pregnancy	List medication(s)	No
Characteristic FACS features	<ol style="list-style-type: none"> 1. Irregularities of the eyes, ears, lips, and nose 2. Irregularities of organs or limbs 3. Cognitive impairment/autism spectrum disorder 4. Other 	Tick relevant, explain if "other"	Yes
Oro-facial function assessment	Have you noticed any problems with the way your child eats, speaks, or swallows?	Open-ended	Yes
Dental/oro-facial anomalies	Have you noticed any problems with your child's teeth?	Open-ended	Yes
	Have you noticed any differences in the appearance of your child's face and/or teeth compared with other children of his/her age?	Open-ended	Yes
	Does your child have a history of a cleft lip and/or palate?	Yes/No	No
Dental history	Does your child attend routine dental care?	Yes/No	No
	Does your child cope well in the dental setting?	Yes/No	Yes
	Additional comments	Open-ended	Yes

Table 2: Features of FACS reported and the mother’s anticonvulsant drug regime during pregnancy.

FACS feature	Monotherapy			Polytherapy	
	Valproate	Carbamazepine	Lamotrigine	Valproate, lamotrigine	Valproate, lamotrigine, levetiracetam
DFF	2	-	-	-	-
IO/L	-	-	-	-	-
C/ASD	1	-	-	1	
DFF + IO/L	-	-	-	-	1
DFF + C/ASD	5	-	1	1	-
IO/L + C/ASD	1	-	-	-	-
DFF + IO/L + C/ASD	11	1	-	2	-

DFF: dysmorphic facial features
 IO/L: irregular organs/limbs
 C/ASD: cognitive/autism spectrum disorder

Table 3: Functional problems reported in FACS individuals and the mother’s anticonvulsant drug regime during pregnancy.

Functional Problem	Monotherapy			Polytherapy	
	Valproate	Carbamazepine	Lamotrigine	Valproate, lamotrigine	Valproate, lamotrigine, levetiracetam
Eating	1	-	-		-
Speaking	3	-	1	1	-
Swallowing	1	-	-	-	-
Eating + speaking	2	-	-	1	-
Eating + swallowing		-	-	-	-
Speaking + swallowing	7	-	1	-	-
Eating + speaking + swallowing	1	-		-	-
No functional problem	4	1		1	1

Table 4: List and number of dental anomalies reported by parents/caregivers of children affected by FACS.

	Dental anomaly	Number of responses
Number of teeth	Supernumerary teeth	4
	Missing teeth	2
Size and form of teeth	Macrodontia	1
	Microdontia	5
	Morphological variation	4
Appearance of teeth	Discoloured teeth	7
	Hypomineralisation of teeth	1
Position of teeth	Crowding of teeth	8
	Spacing between teeth	3
No anomaly	No dental anomaly	5
