



Orofacial function of persons having Cystic fibrosis

Report from questionnaires



16 questionnaires

Synonym	CF, Pancreatic cystic fibrosis. Mucoviscidosis
ICD-10	E84
Estimated occurrence	60:1,000,000 inhabitants.
General symptoms	There is a wide variation in severity and symptoms in people with cystic fibrosis (CF). CF progressively deteriorates over the years, but the consequences of the disease can be delayed. The mucus producing glands in the body do not function normally, resulting in viscous mucus that is difficult to remove. The lungs and gastrointestinal tract are especially affected. This causes coughing, breathing difficulties, proneness to infections in the lungs, as well as difficulties to digest food. The most common sign in young children is that they do not gain weight. The disease is usually discovered during the first year of life. Another sign of CF is exceptionally salty sweat.
Oral symptoms	Persons with the diagnosis may have difficulties in breathing through the nose and mouth breathing increases the risk of dry mouth. Some people may suffer from gastroesophageal reflux (acid reflux) which in time may increase the risk of enamel damage. Prolonged treatment with antibiotics likely explains why children with cystic fibrosis have fewer cavities than might be expected. Prolonged antibiotic treatment is commonly associated with fungal infection of the mouth.
Oral treatment	<ul style="list-style-type: none"> • Many of these children and adults require extra prophylactic dental care. • In case of fungal infection in the mouth, there are effective prescription drugs available.
Sources	The MHC database Rare diseases Dokumentation-Ågrenska

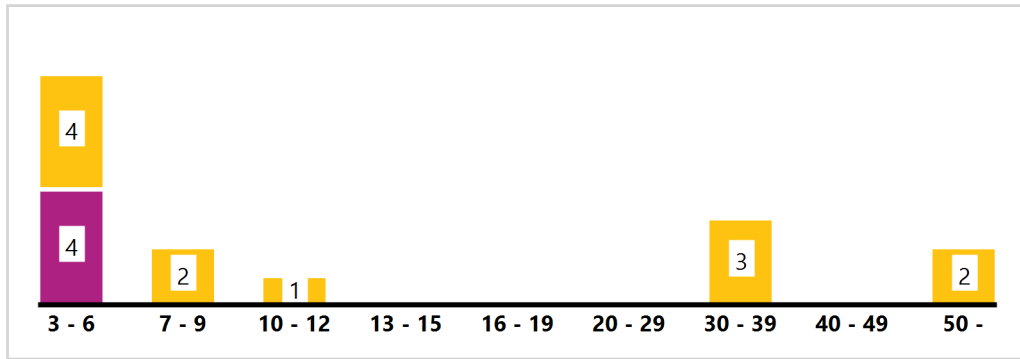
Age distribution

Number: 16

Ages: 3 - 54

♂ (4)

♀ (12)



Additional diagnoses

Medical impairment	Yes	No	Missing data
Inborn heart defect	0	13	3
Other cardiovascular disease	1	12	3
Epilepsy	0	13	3
Asthma	0	13	3
Need of respiratory support	0	12	4
Allergy	4	10	2

Neuropsychiatric diagnosis	Yes	No	Missing data
ADHD/ADD	1	13	2
Autism (Includes autism, Asperger syndrome and autistic traits)	1	12	3

General disability	Yes	No	Missing data
Intellectual disability	0	12	4
Motoric functional impairment	1	12	3
Visual impairment	1	11	4
Hearing loss	1	13	2
Communication difficulties	2	11	3

About dental care and oral health

Do you feel that you receive the dental care you need?	Number
Yes, very much so	10
Yes, somewhat	5
No, not really	1
Total:	16

How many times per year do you normally seek dental care?	Number
Less than once per year	2
One time per year	11
Two times per year	1
Three or more times per year	2
Total:	16

When were your teeth last X-rayed?	Number
During the past two years	8
More than two years ago	1
Never had my teeth X-rayed	7
Total:	16

Do you look after your teeth in a good way?	Number
Yes, very much so	7
Yes, somewhat	8
No, not really	1
Total:	16

Who brushes your teeth?	Number
I always brush myself	6
Someone else always helps me	5
Sometimes I brush myself	5
Total:	16

How often are your teeth brushed?	Number
Once per day	3
Two times per day	12
Three or more times per day	1
Total:	16

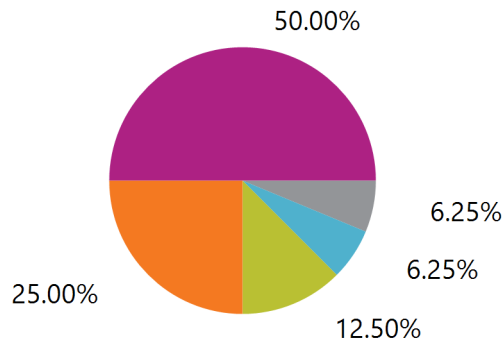
About dental care and oral health

	Yes	No	Missing data
Does your mouth hurt?	0	15	1
Does your mouth feel dry?	5	11	0
Have you ever taken a serious hit to your permanent front teeth?	3	12	1
Do you feel that you have a divergent bite?	1	15	0
Have you had a brace?	0	16	0
Do you feel that you need orthodontics/a brace?	1	14	1

Do you grind or press your teeth at night?	Number
Never	10
Once or twice per week	5
Missing data	1
Total:	16

Do you grind or press your teeth during the day?	Number
Never	16
Total:	16

About eating



Do you have any problems with eating?

Response	Number
Yes, very much so	1
Yes, somewhat	2
No, not really	4
No, not at all	8
Missing data	1
Missing data	0

Total: 16

	Yes	No	Missing data
Do you cough daily in connection with meals?	1	14	1
Do you gag daily in connection with meals?	1	14	1
Do you get acid reflux daily?	0	14	2
Do you throw up often (at least twice per week)?	2	13	1
Do you have a poor appetite?	3	11	2
Does it take a long time before you can swallow a mouthful?	2	13	1
Do you press your tongue forward when you swallow so that food ends up outside the mouth?	0	15	1
Do you find it difficult to chew, i.e. grind food using your molars?	1	15	0
Do you find it difficult to take food from the spoon using your lips?	1	15	0
Have you had problems with food and drink leaking out through the corners of your mouth?	0	15	1
Does food tend to remain in your mouth after meals?	1	15	0
Do you get nutrition in any other way than through your mouth?	2	13	1

About drooling

Do you drool?	Number
Never drool	15
Drool sometimes – not every day	1
Missing data	0
Total:	16

How much do you drool?	Number
Moderate drooling, on lip and chin	1
Total:	1

Is your drooling a problem for you?	Number
No, not at all	1
Total:	1

Is your drooling a problem for your family or people around you?	Number
No, not at all	1
Total:	1