



Orofacial function of persons having Arthrogryposis Multiplex Congenita

Report from questionnaires

The survey comprises 47 Questionnaires.

Estimated occurrence: 1:4 500 live births.

Etiology: The etiology may be classified as:

- Muscular causes (various congenital muscular diseases).
- Neurogenic causes (deformities of the central nervous system, loss of motor neurons in the spinal marrow, loss of peripheral nerves).
- Connective tissue diseases
- Reduced mobility of the fetus owing to insufficient space in the uterus (lack of amniotic fluid, twin pregnancy, heart-shaped uterus).
- Maternal illness during pregnancy.

General symptoms: Stiffness in several joints is the common denominator. The disease is not progressive; on the contrary treatment may result in improvement. It is common for these children to be born with one dislocated hip and a club foot.

Orofacial/odontological symptoms: The jaw-joints may also be affected, which results in a restricted ability to open the jaws. An overjet and open bite in the region of the front teeth, a narrow, high palate and a small lower jaw all occur. Many individuals have restricted oral motor skills, which affects their ability to suck, chew, swallow, and speak. Drooling and teeth grinding occur frequently.

Orofacial/odontological treatment:

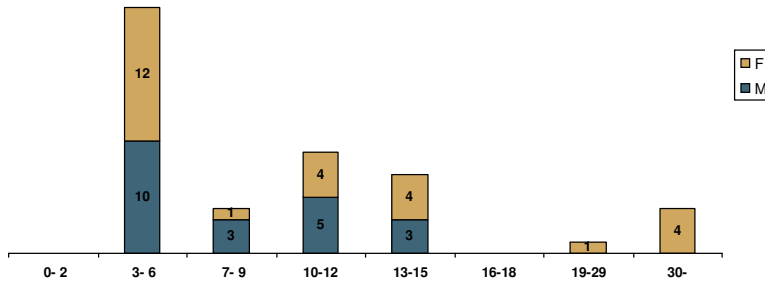
- When the jaws do not open properly, the function of the jaw joint should be investigated, and appropriate treatment thereafter prescribed (such as jaw-stretching exercises or surgery).
- An orthodontist should be consulted between the ages of 7 and 9 in order to identify dental aberrations or malocclusions and to plan any necessary orthodontic treatment to correct malocclusions.
- Training in oral motor skills and extra stimulation in cases of eating disorders, speech difficulties and drooling may be necessary.
- Teeth grinding should be followed up, and be managed with a splint when necessary.

Sources:

The MHC database - The Mun-H-Center database of orofacial manifestations in rare diseases.

The Newsletter of the Ågrenska Center.

Age distribution

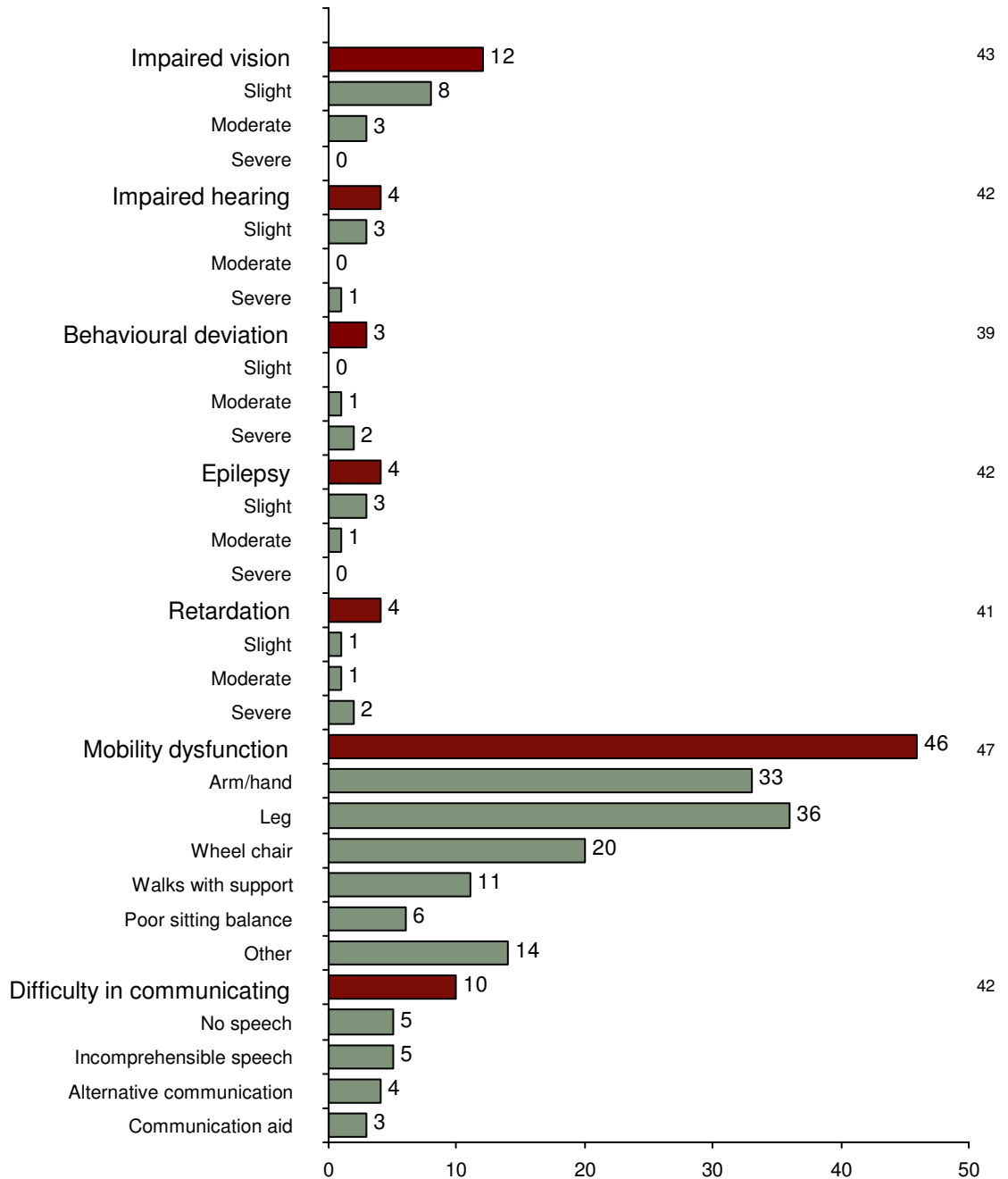


Number: 47

Ages: 3 -- 50 years

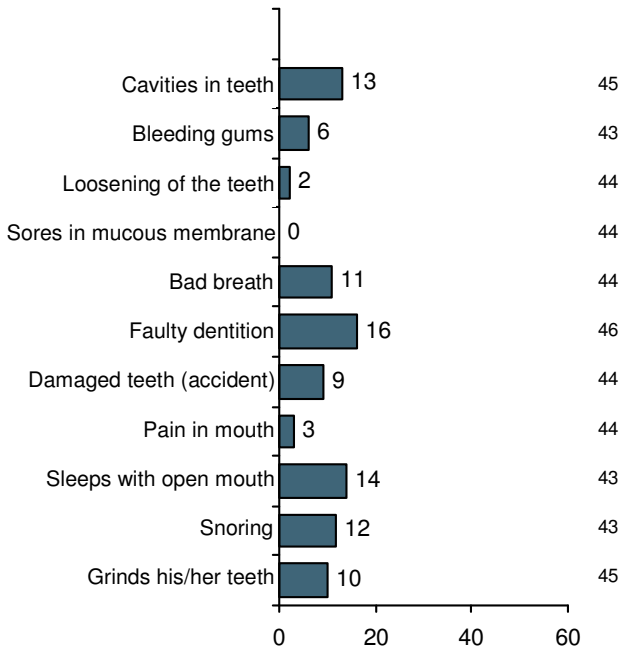
Sex: M (21) + F (26)

General disabilities

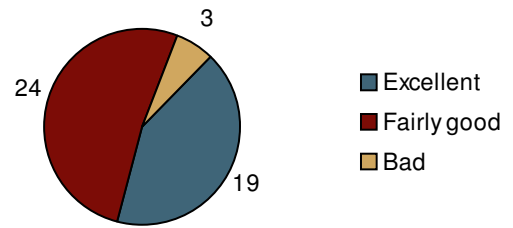


About dental health

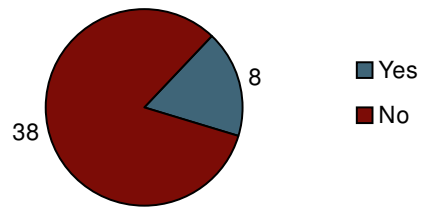
About dental health - problems



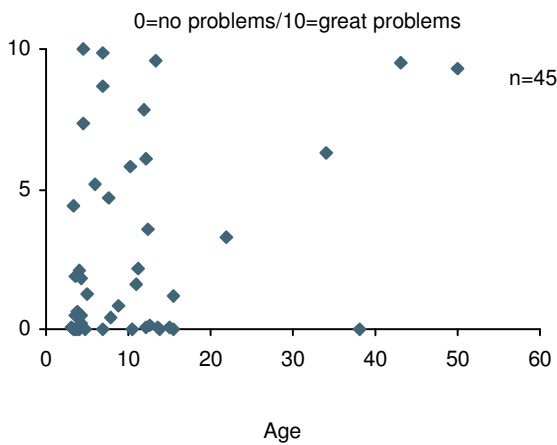
Oral health



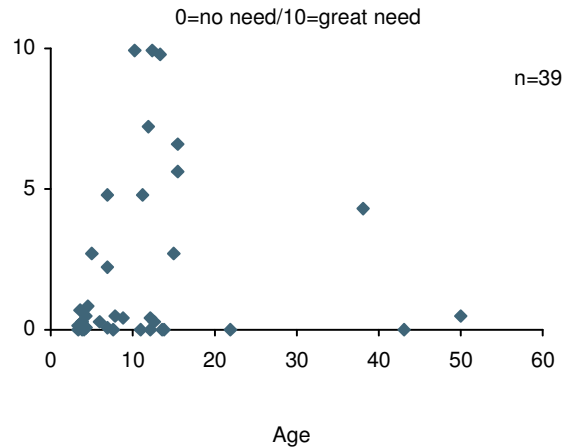
Has NN received orthodontic treatment?



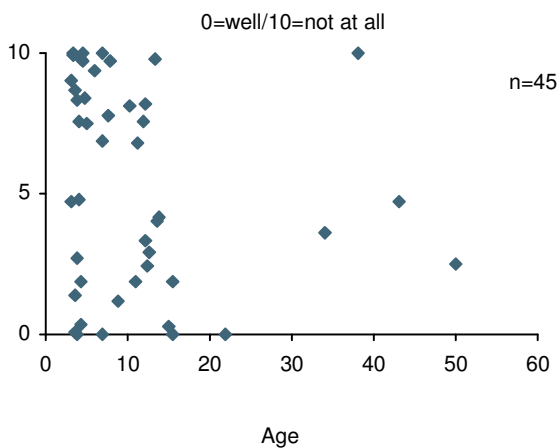
How does NN experience the dental care received?



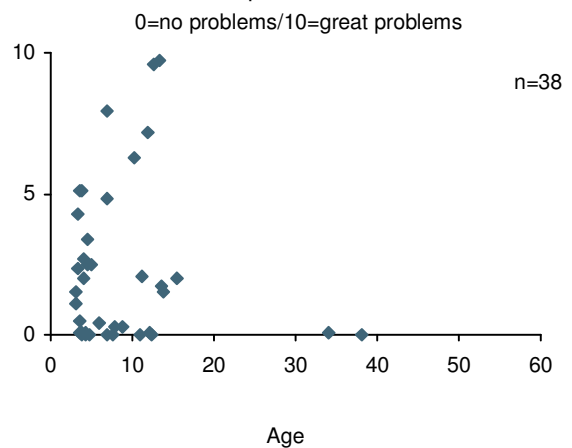
NN is considered to be in need of orthodontic treatment



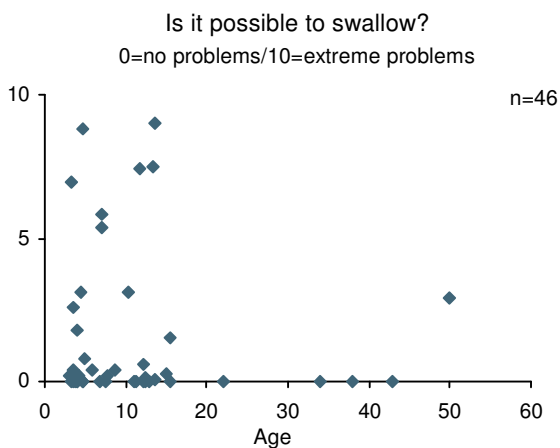
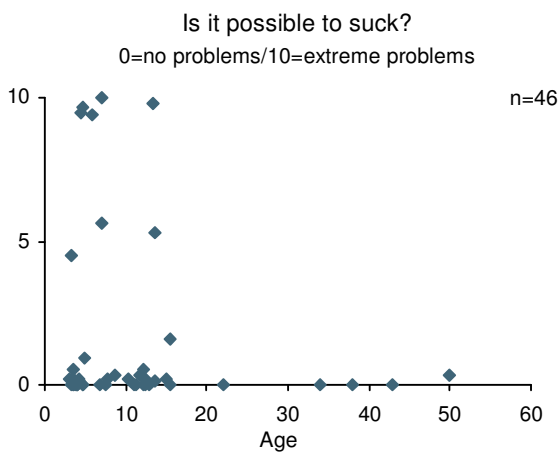
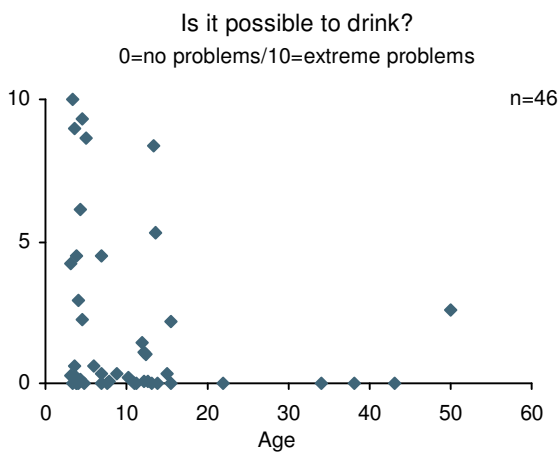
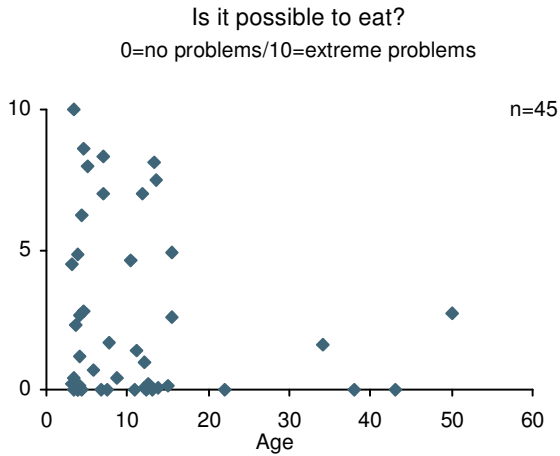
How does NN manage to brush his/her teeth?



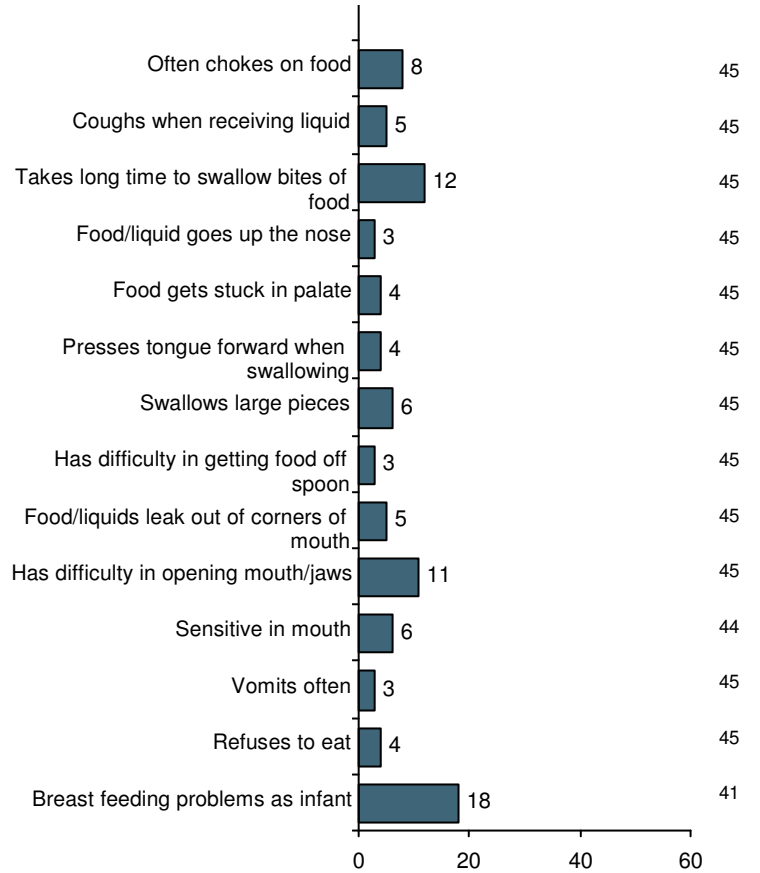
If help is needed with brushing teeth, how does it proceed?



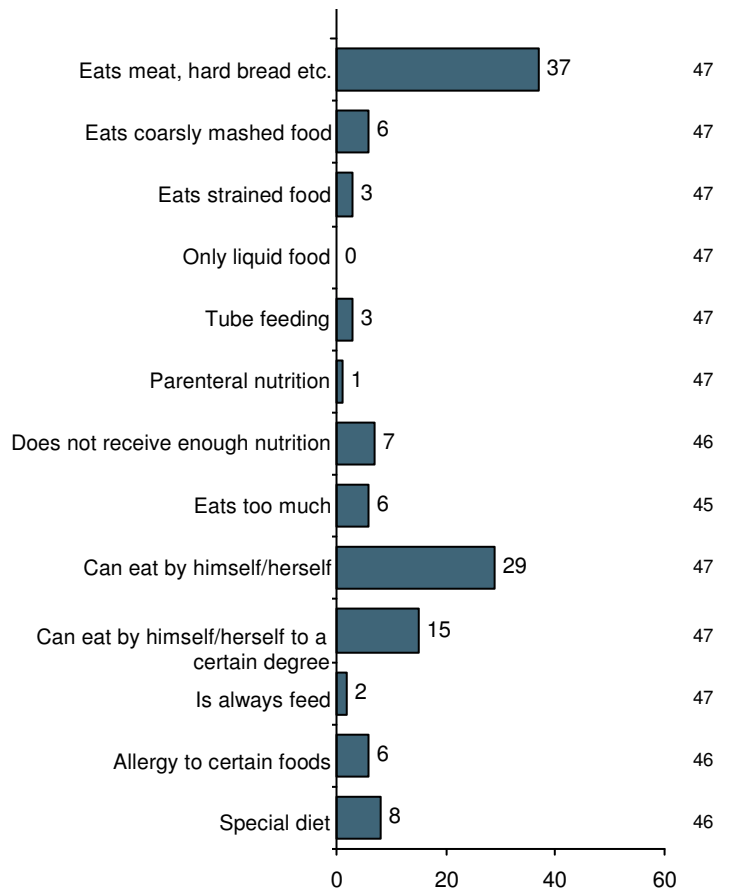
About eating habits



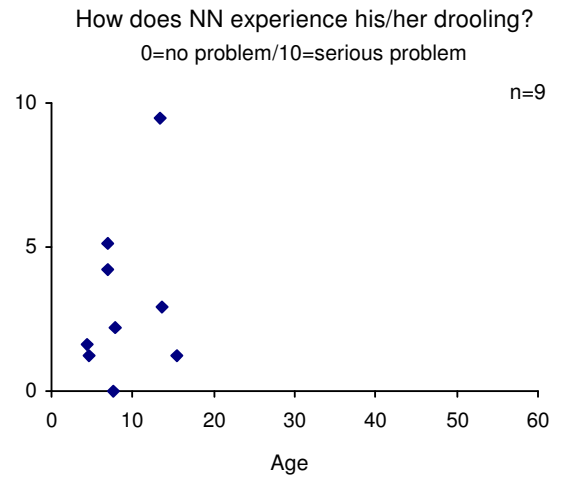
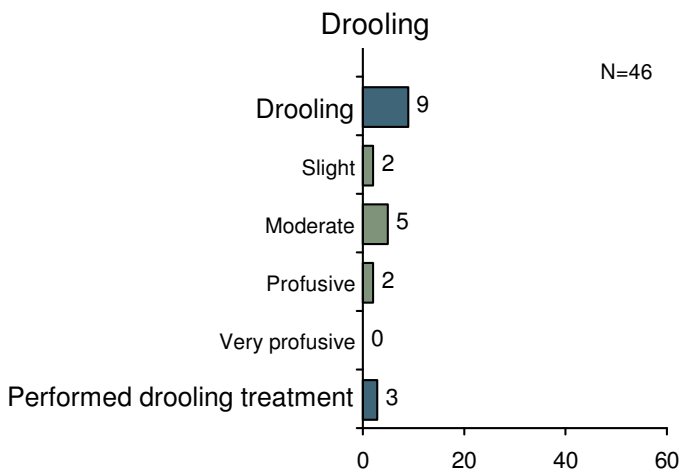
About eating habits - problems



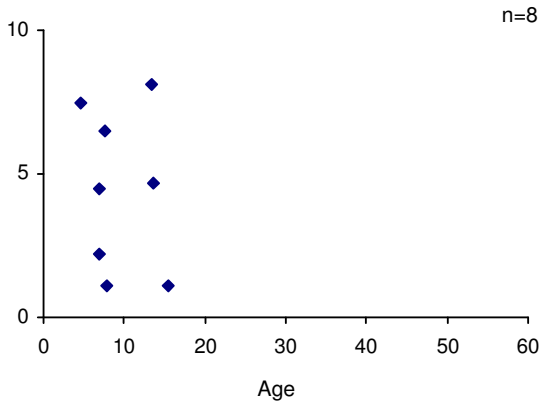
Food habits



About drooling



How does parent/attendant experience the drooling?
0=no problem/10=serious problem



How do people around NN experience the drooling?
0=no problem/10=serious problem

