

Craniofacial Outcomes Research Laboratory



What does CORL do?

We work with *Nemours Cleft Palate-Craniofacial Program* to:

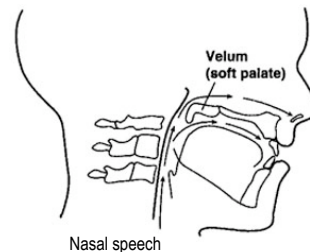
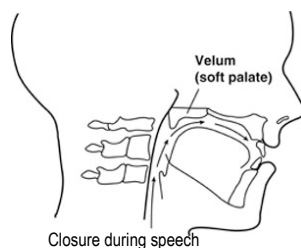
- Assess nasal speech of children with cleft palate-craniofacial disorders using special instrumentation
- Help develop treatment programs and evaluate treatment outcomes
- Conduct research to help understand speech problems related to cleft palate-craniofacial disorders

What is nasal speech?

When we have too much air coming out of the nose when we talk.

How does nasal speech happen?

- When we talk, the soft palate closes to separate the nose from the mouth
When the palate does not close, air leaks through the nose and the person sounds nasal.



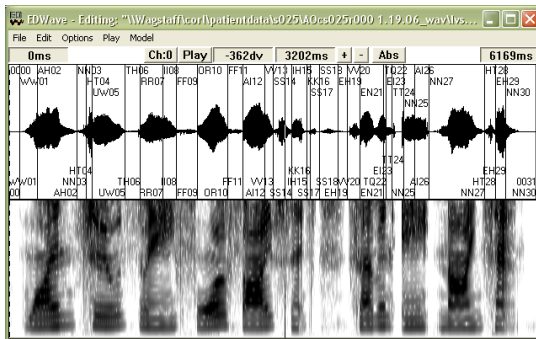
If you think your child has nasal speech related to a palatal problem, contact the Nemours Cleft Palate-Craniofacial Program at 302-651-4310.

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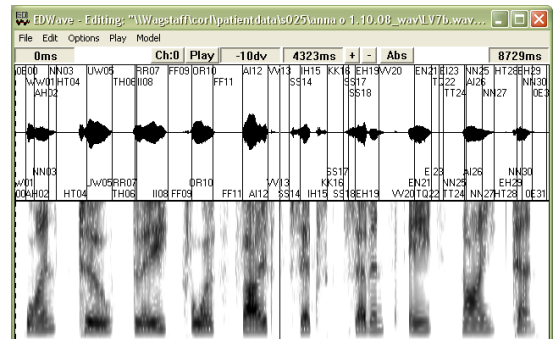


Clinical and Research Tools Assess Nasal Speech

Speech Acoustics

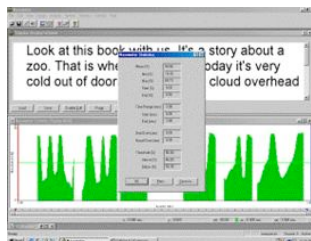
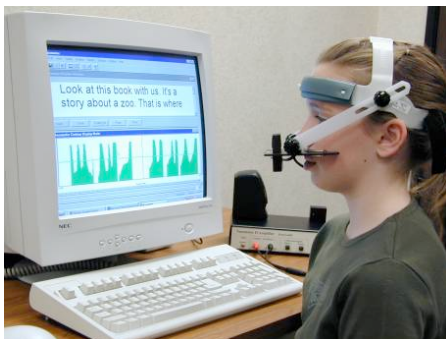


Before treatment



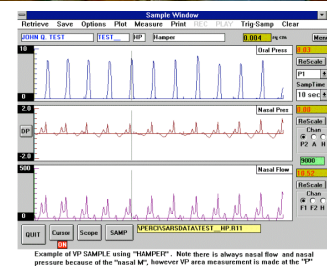
After treatment

Nasometry (nasalance)



Aerodynamics

(palate function & nasal airway during breathing)



Information about CORL is available on line at <http://medsci.udel.edu/cpass/>