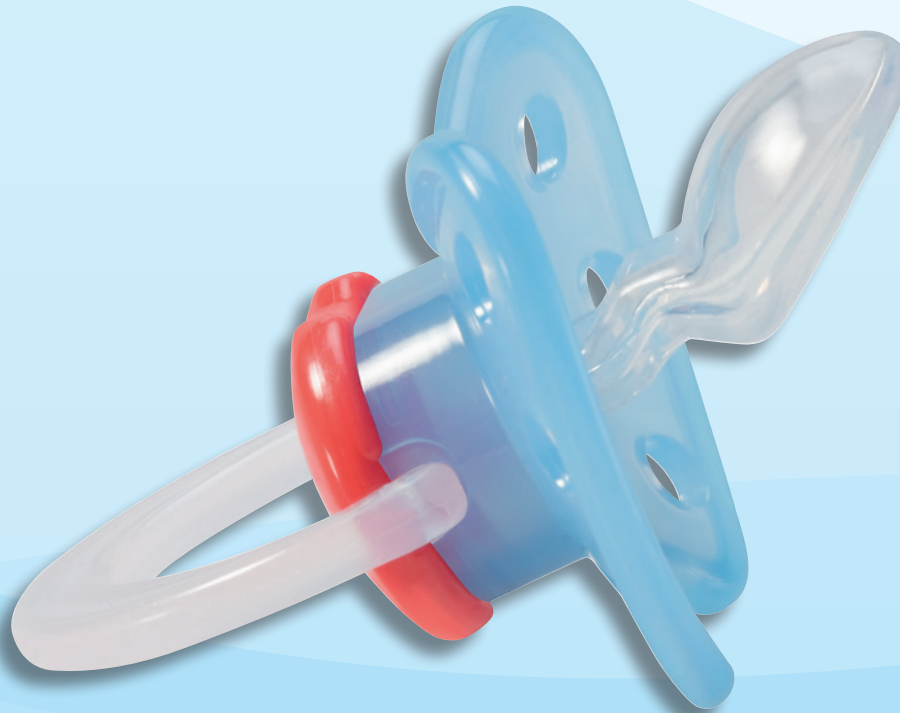


# Dentistar



„The optimal pacifier.“ \*

\* judges Prof. Dr. Rolf Hinz, Orthodontist



BABY-NOVA

## Sucking habits

Sucking is a natural instinct, which gives the child a calm feeling and satisfaction.



## Sucking habits

Thumb sucking is the worst possibility to satisfy the sucking urge. The probability for an „open bite“ is very high.



## Sucking habits

In general pacifiers are used to avoid harmful thumb sucking. But standard pacifiers can be just as harmful as the thumb when used too often.



## Comparison

***70% of all 4 year-olds have a teeth misalignment.***

(Source: Prof. Dr. R. Hinz, Dr. H. Senkel, ZÄ M. Thouet)



Open Bite



Perfect primary dentition

## Open bite

The tongue is pressed against the front teeth between 600 to 800 times a day during swallowing.

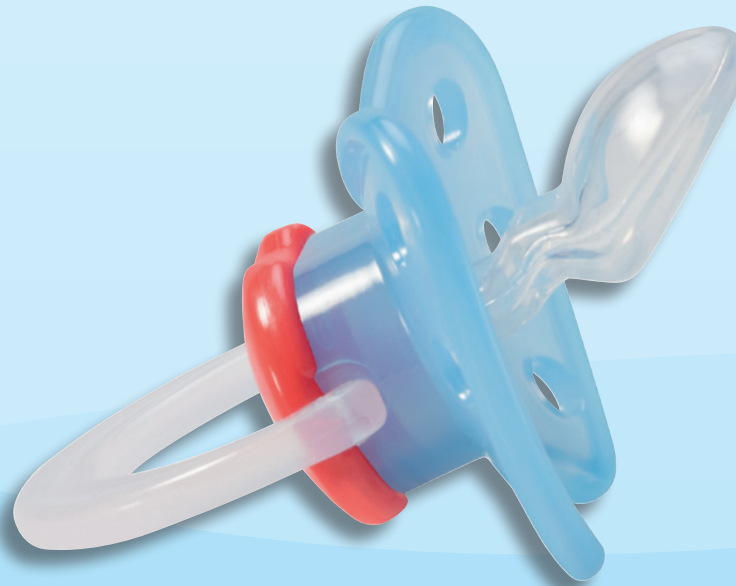
The pressure keeps the open bite permanent, if the gap between the alignments is big enough to let the tongue go in between, orthodontic treatment in this case becomes necessary.

***35% of all 4-year-olds have misalignments that should be treated by an orthodontists.***



## Development

**NOVATEX** has developed this new pacifier in close cooperation with dentists like **Prof. Dr. Rolf Hinz** in accordance with current scientific knowledge.



„The optimal pacifier.“ \*

\* judges Prof. Dr. Rolf Hinz, Orthodontist

**BABY,NOVA**

## Special features of Denstistar

### The ultra thin shaft

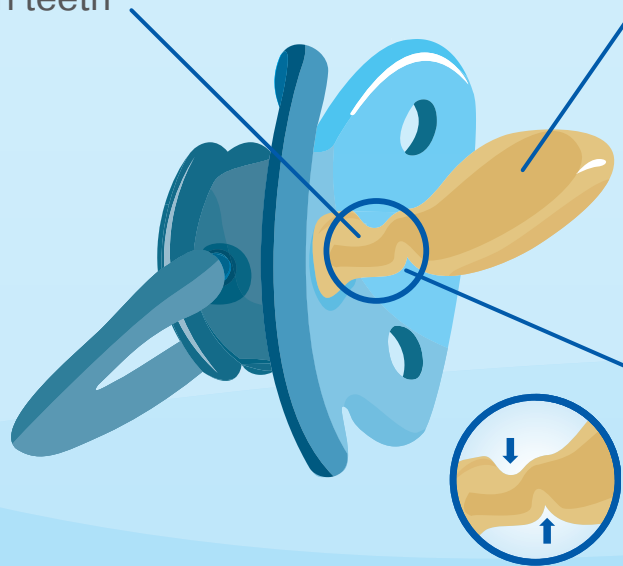
Minimizes the pressure on teeth and gums.

### Space for the tongue

The baglet lies at the palate and has a specially scooped bottom to leave the necessary natural space for the tongue.

### Soothing comfort

The shape of the baglet is designed to fit naturally into the oral cavity, providing gentle soothing comfort.

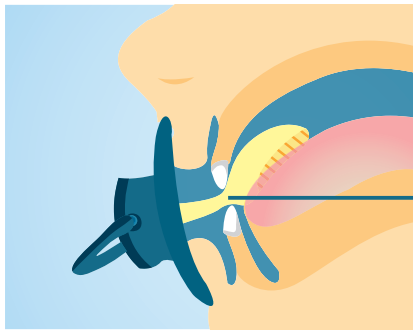


### The palpable step in the shaft

It considers the natural position of upper and lower teeth and jaws.



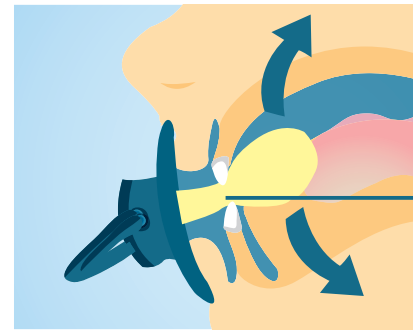
## Comparison of shaft thicknesses



Shaft thickness  
4.9 mm

Dentistar

Distance between upper and lower incisors  
only **2.9 mm** due to the step in the shaft.

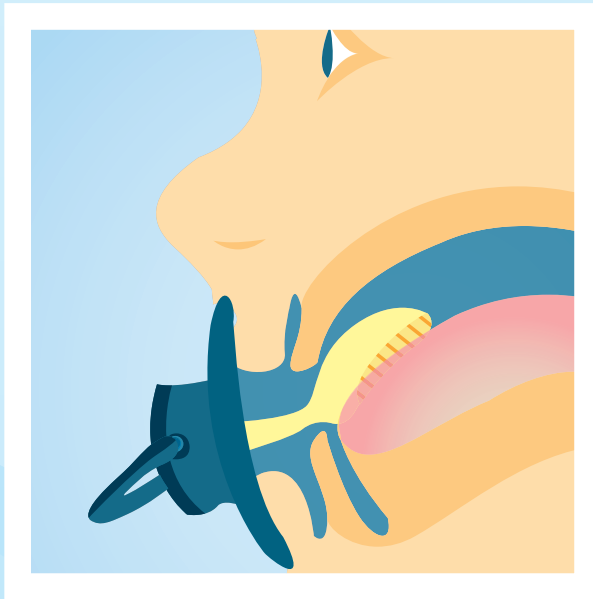


Shaft thickness  
≈ 8 mm

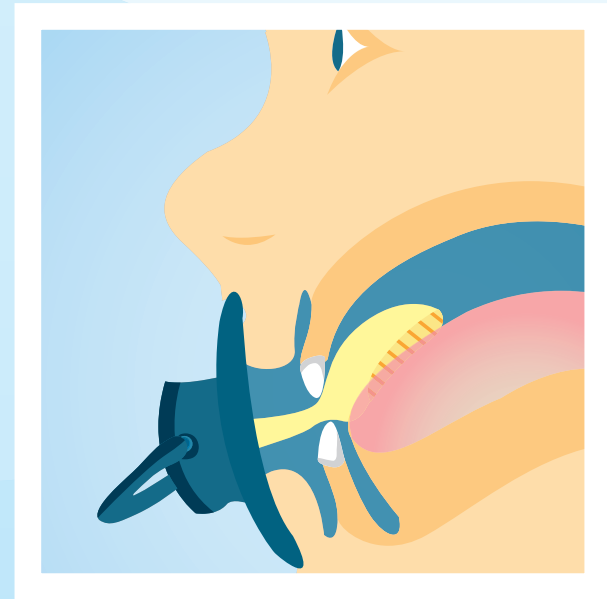
Standard Pacifier

Distance between upper and lower  
incisors **6 – 8 mm**.

## Dentistar in two versions



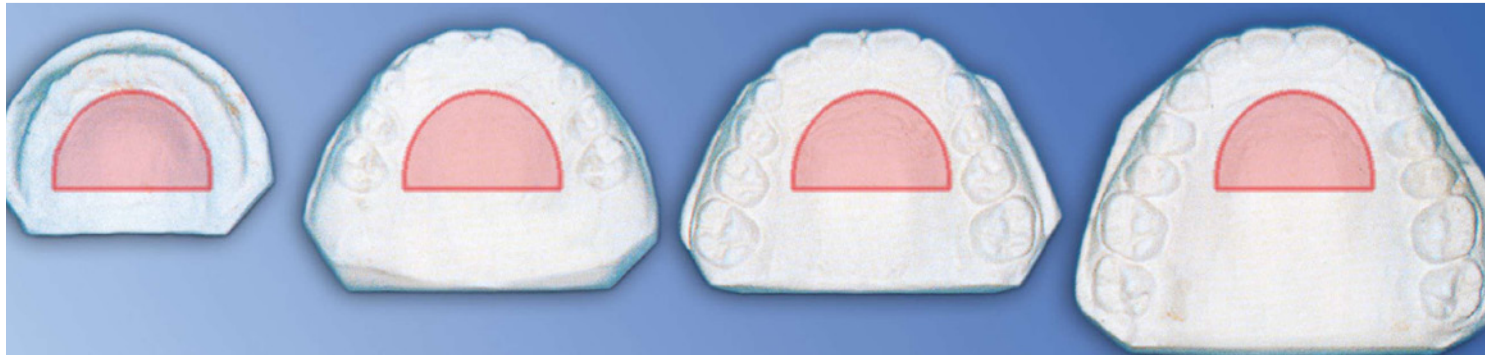
**Dentistar Size 1**  
Until first tooth



**Dentistar Size 2**  
Since first tooth

## Jaw development

The hard front section of the jaw cavity is the main point where a pacifier takes effect. The size of this section remains unchanged after age of 3 month.



**3 Months**

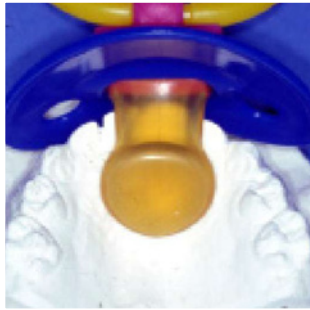
**4 Years**

**8 Years**

**13 Years**

## Conventional soother size

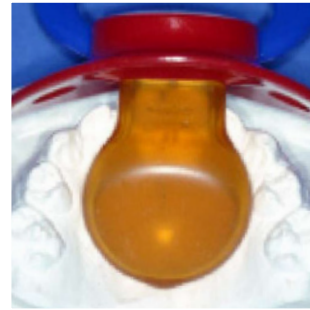
The soother sizes of conventional pacifiers in the jaw model of a 4 years old child.



**Size 1**



**Size 2**



**Size 3**

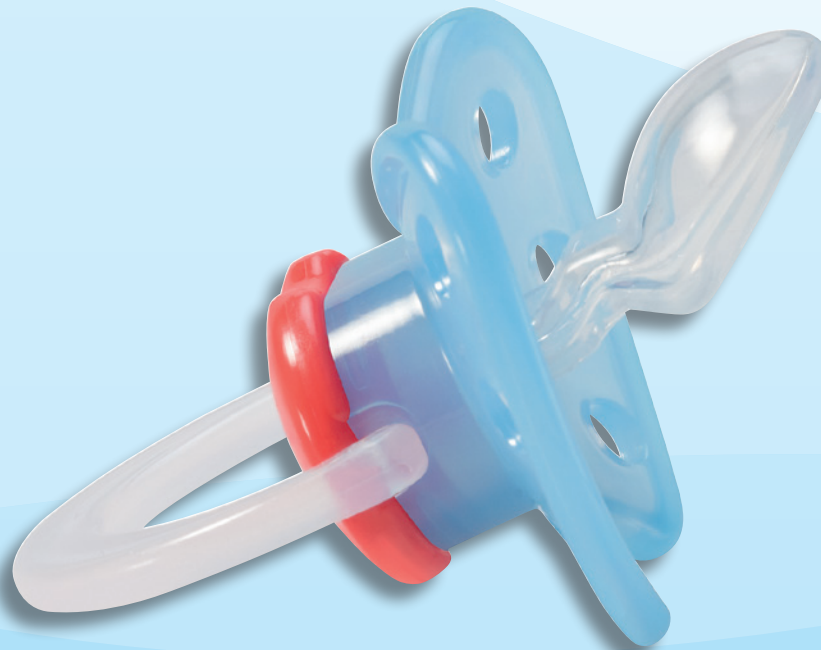


**Size 4**

# Patent

***Patent-Nr. in Deutschland:***  
102 27787

***Patent-Nr. in the U.S.A.:***  
7 144 416



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