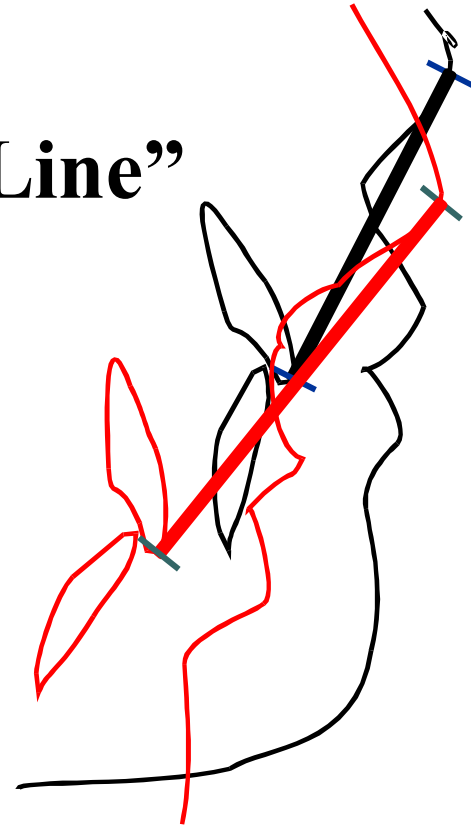
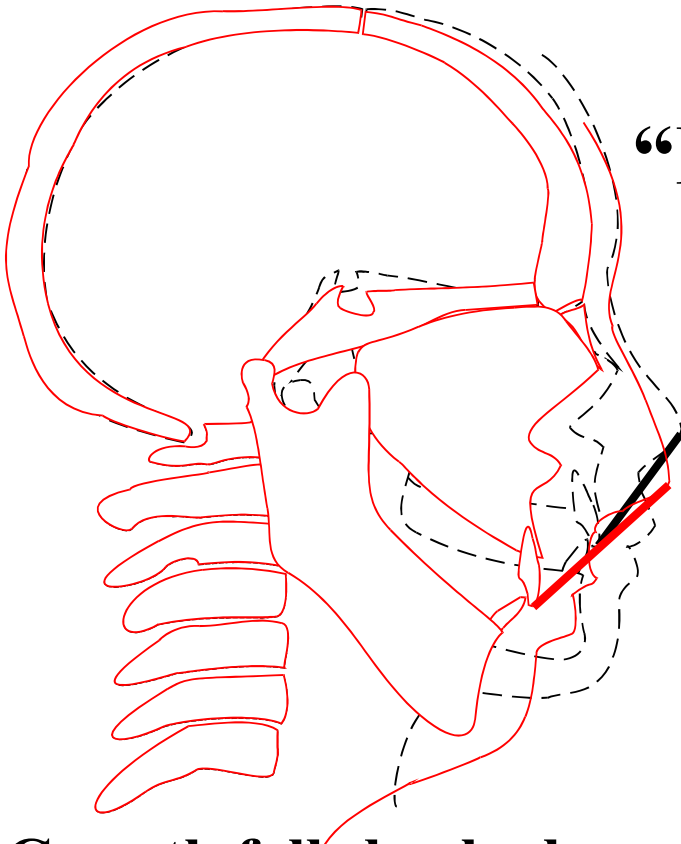


# Measuring Vertical Growth

## The “Indicator Line”

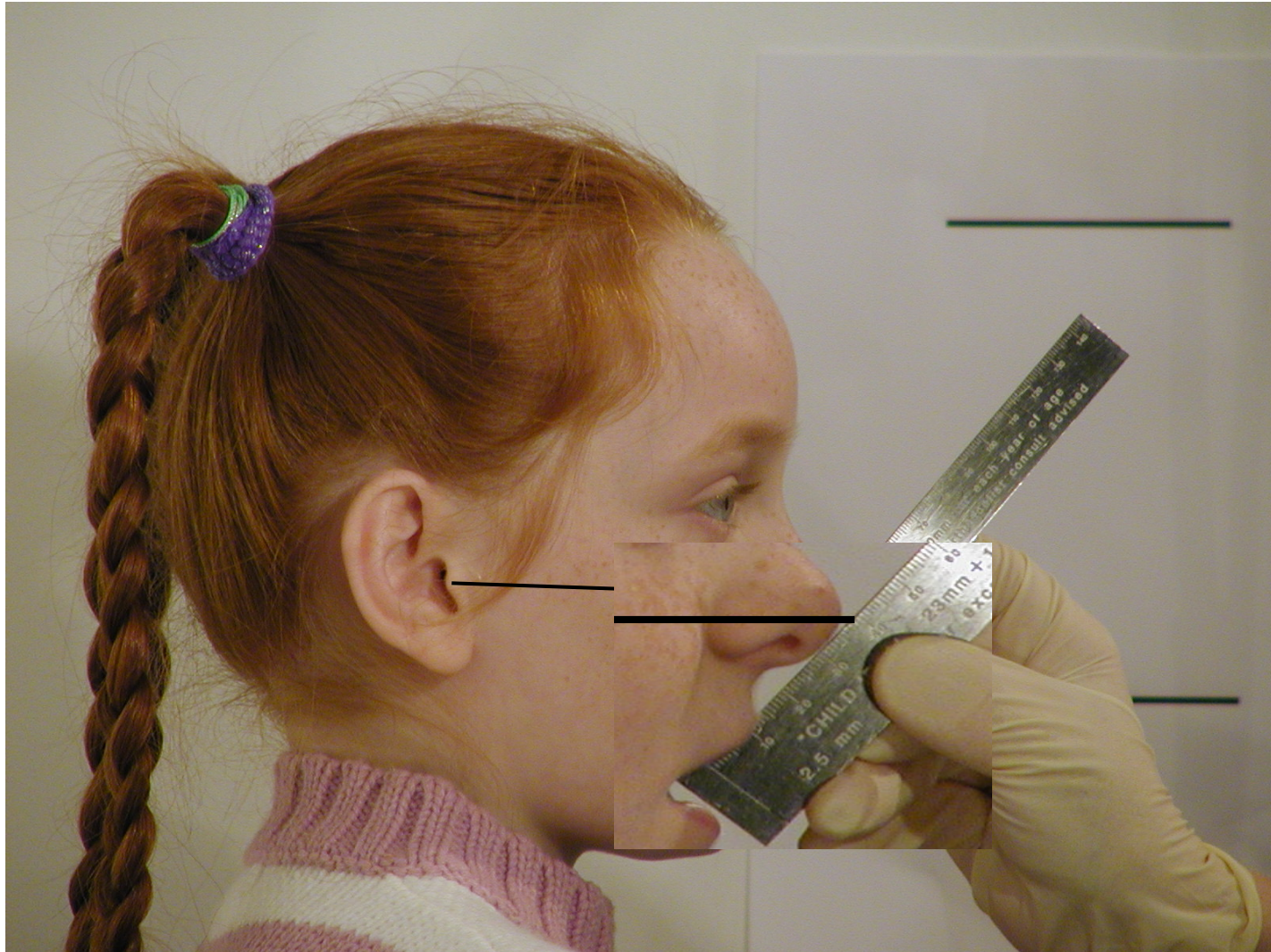


**Growth falls back along the same plain as the Indicator Line.**

# The Mew Indicator Line

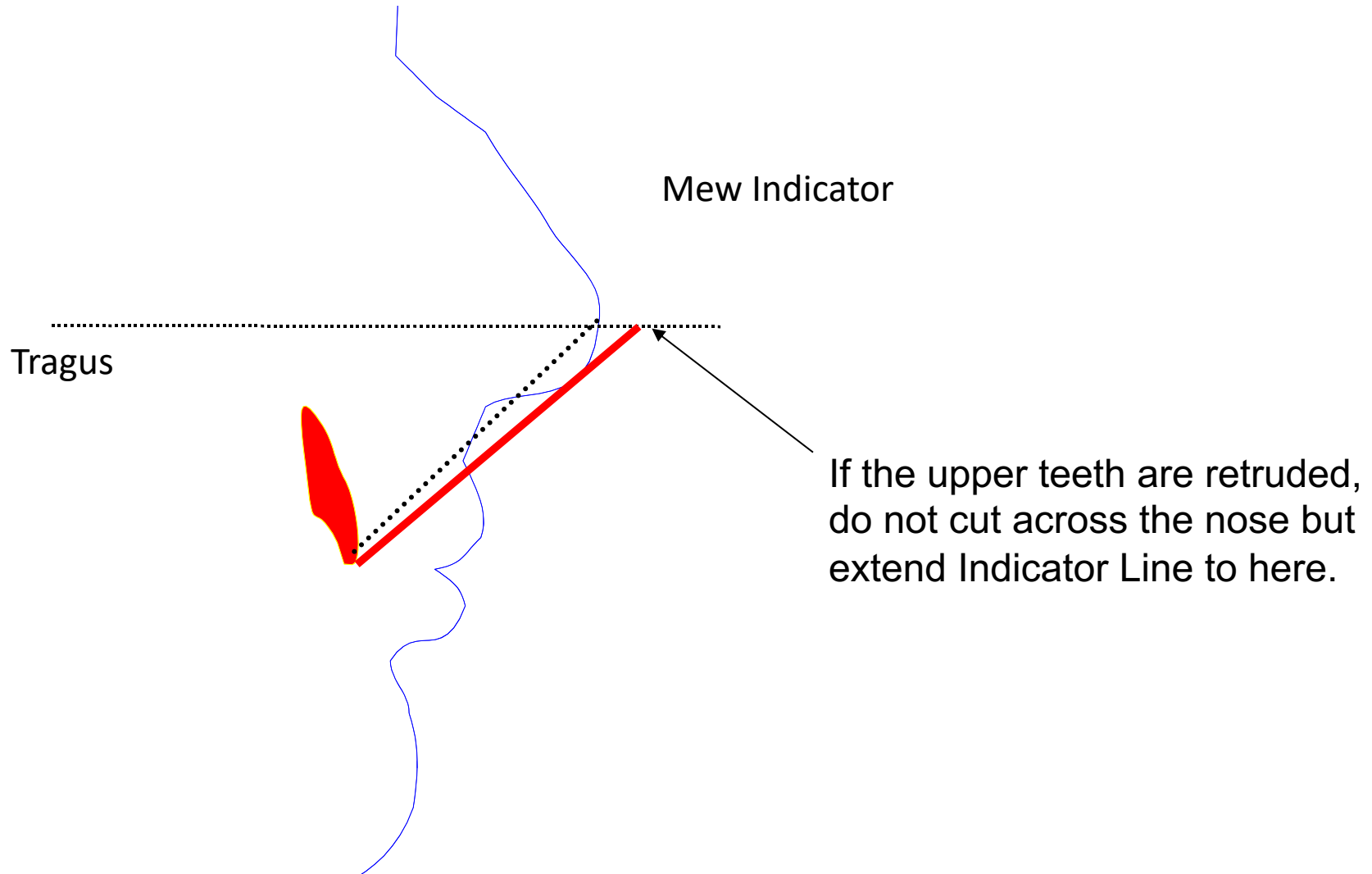
- Should be 28 at the age of 5 and increase 1mm each year until puberty when ideally it should be 38mm for an average sized boy and 36 for a girl
- *A quick guide*, add 23 to their age for a boy and 21 for a girl

# Using the Indicator Line Ruler

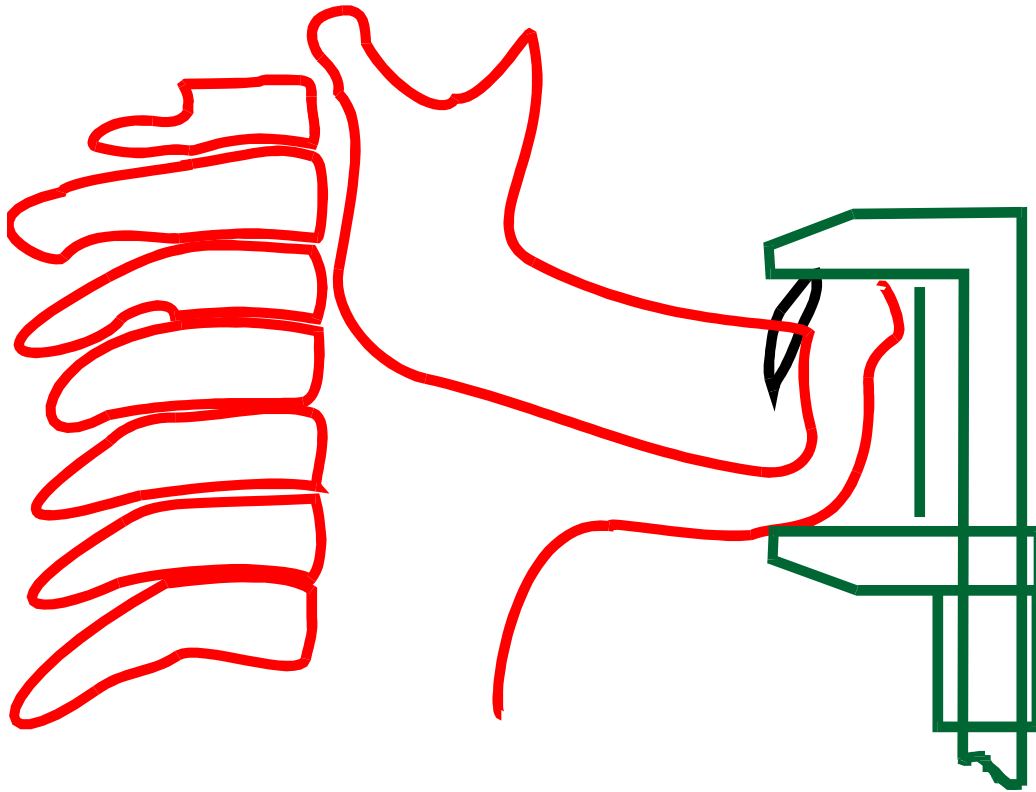


This nine year old girl measured 48 indicating an excess of 13mm.

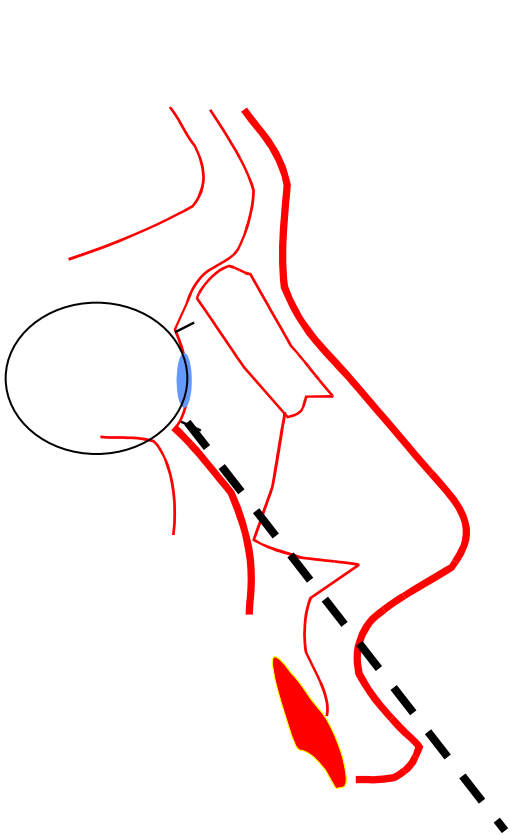
# How to measure retruded teeth.



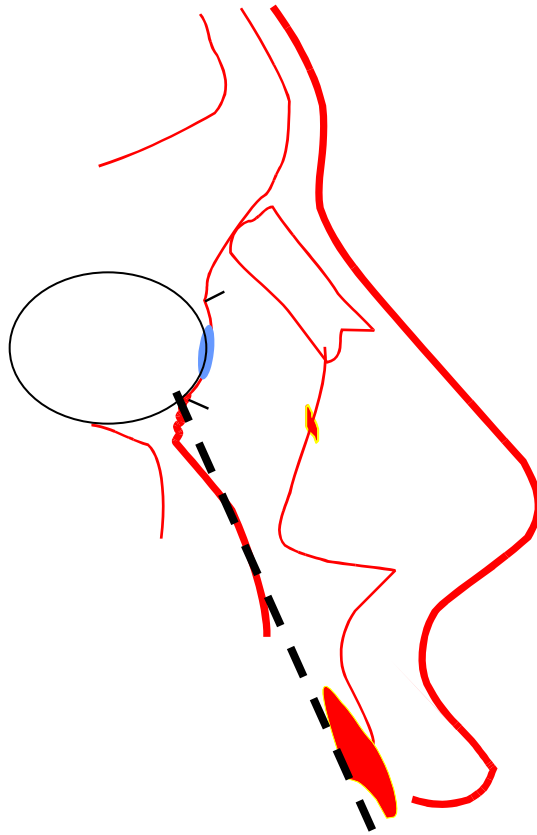
The Lower Indicator Line, is normally two mm less than the Upper Indicator Line



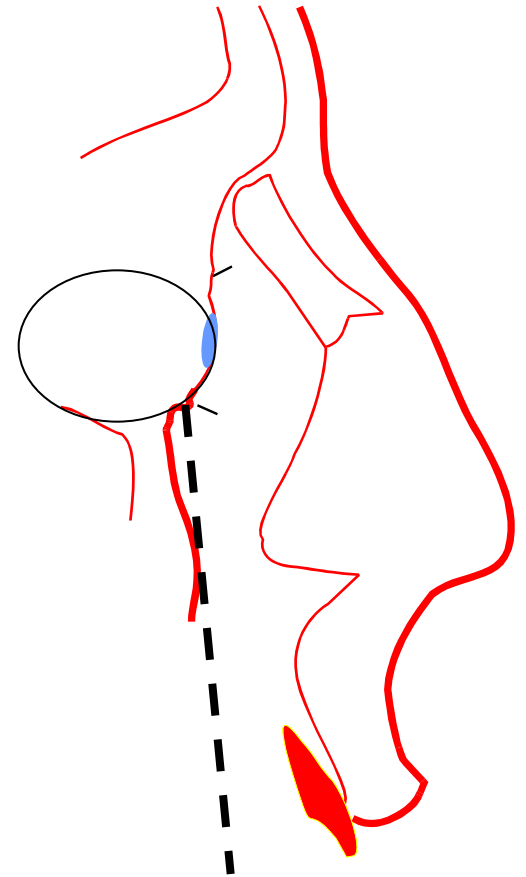
# THE CHEEK LINE



Ideal, Cheek Line  
parallel to bridge of  
nose

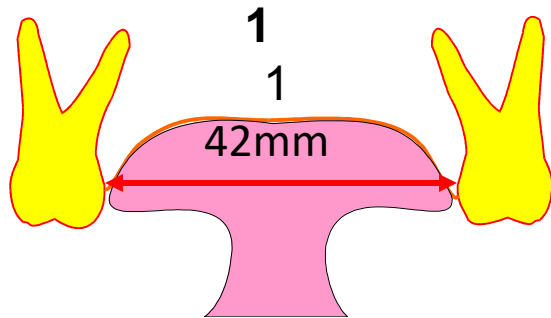


Cheek Line 15°  
to bridge of nose

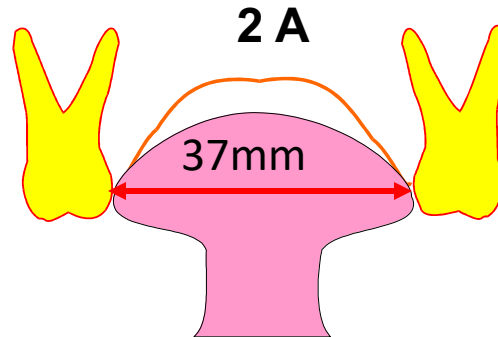


Cheek Line 30° to  
bridge of nose.  
Note hooked nose.

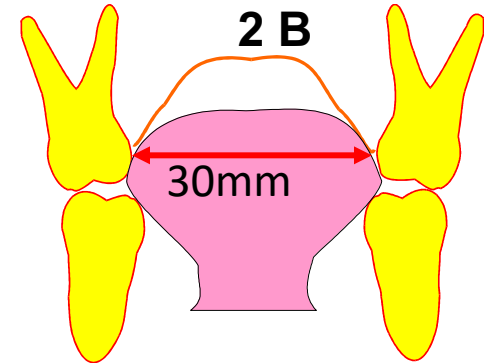
# Tongue Posture



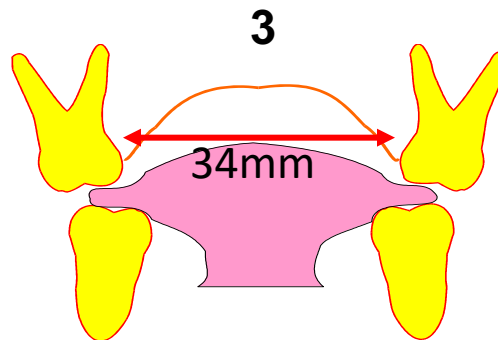
Against palate.  
'Ideal occlusion'



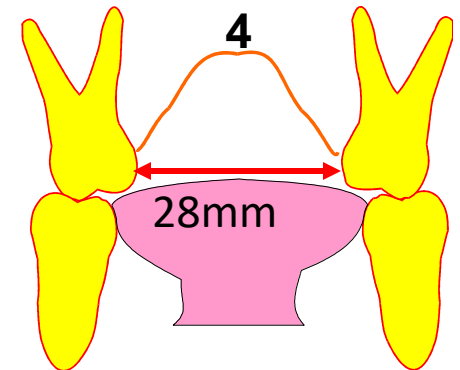
Touching upper teeth.  
'Crowded wisdoms'.



Upper and lower teeth.  
'Progressive Crowding'.



Between buccal and/or anterior teeth,  
Deep or Open Bite.



Lower teeth only.  
'Class III'.

Different  
tongue  
positions  
and their  
malocclusions