Eligible sample for 3D and 2D printing (n=15)
(Grade 1, n=6; Grade 2, n=4; Grade 3, n=3; Grade 4, n=2)

Sample included to mimic the population proportion (n=14)
(Grade 1 and Grade 2- non-enlarged, n=9; Grade 3 and Grade 4- enlarged, n=5)

Included

Sample Selection

Excluded after Exclusion criteria were applied (n=17)
(1) scans in which the defined airway was not clear or fully contained in the image at a threshold airway sensitivity of 35 (n=8) Grade 1 = 3; Grade 2, n = 4; Grade 3,n=1
(2) Had adenoid surgery before (Grade, n=1)
(3) Not having a clearly description of the adenoid assessment through NE by the ENT, (n=3); Grade 1, n=2; Grade 3, n=1.
(4) Does not have the CBCT performed in the same day of the NE (n=5)
(Grade 1, n=3 (SD, 11-38 days); Grade 3, n=1 (2 years); Grade 4, n=1 (201 days))

Identification criteria: have a NE and CBCT
Patients records identified through UofA CBCT database (n=32)

Identification

List received from previous study (n=40)

Excluded after records checking (n=8) ; Reasons: does not have CBCT (n=2), does not have ENT assessment (n=6);

Reliability

ICC (n=12)
3 patients from each grade was selected for ICC purpose.
INCLUDED CBCT’s SAMPLE (n=14)

3D depiction (n=28)

3D Printed models
LU 3D (n=14)

3D Printed models
AD 3D (n=14)

2D depiction (n=28)

2D depiction
LU 2D (n=14)

2D depiction
AD 2D (n=14)

TOTAL NUMBER OF ADENOID’s ASSESSMENTS (n=56)

TOTAL NUMBER OF ENT’s (n=2)