

Supplementary tables

Supplementary Table 1: Summarised location of ABs (children vs. adults)

Location	Children		Adults		Total		p-Value
	n=31		n=124		n=155		
Maxilla	2	6.5%	7	5.6%	9	5.8%	
Anterior	2	100%	5	71.4%	7	77.8%	0.391
Posterior	2	100%	7	100%	9	100%	N/A
Both	2	100%	5	71.4%	7	77.8%	0.391
Crosses midline	-		-		0	0%	
Mandible	29	93.5%	117	94.4%	146	94.2%	
Anterior	14	48.3%	57	48.7%	71	48.6%	0.809
Posterior	28	96.6%	116	99.1%	144	98.6%	0.580
Both	13	44.8%	56	47.9%	69	47.3%	0.629
Ramus	14	48.3%	54	46.2%	68	46.6%	0.673
Coronoid	9	31.0%	30	25.6%	39	26.7%	0.306
Condyle	4	13.8%	13	11.1%	17	11.6%	0.746
Crosses midline	11	37.9%	39	33.3%	50	34.2%	0.899

Supplementary Table 2: Summarised radiological features of ABs (adults vs children)

Radiological features	Children		Adults		Total		p-Value
	n=31		n=124		n=155		
Borders							
Well-demarcated	20	64.5%	62	50%	82	52.9%	
Loss of demarcation	9	29.0%	61	49.2%	70	45.2%	0.043*
Poorly-demarcated	2	6.5%	1	0.8%	3	1.9%	
Radiodensity							
Osteolytic	28	90.3%	103	83.1%	131	84.5%	
Internal calcifications	2	6.5%	21	16.9%	23	14.8%	0.095
Mixed	1	3.2%	0	0%	1	0.7%	
Locularity†							
Multilocular	10/30	33.3%	97	78.2%	107/154	69.5%	
Scalloped	5/30	16.7%	10	8.1%	15/154	9.7%	0.0000**
Unilocular	15/30	50.0%	17	13.7%	32/154	20.8%	

Bone Effects

Bony expansion	27	87.1%	102	82.3%	129	83.2%	0.468
Cortical thinning	27	87.1%	96	77.4%	123	79.4%	0.201
Cortical destruction	11	35.5%	75	60.5%	86	55.5%	0.022*
Reactive bone	6	19.4%	31	25%	37	23.9%	0.767

Tooth effects

Loss of teeth	6	19.4%	66	53.2%	72	46.5%	0.002*
Tooth displacement	26	83.9%	64	51.6%	90	58.1%	0.003*
Tooth impaction	14	45.2%	18	14.5%	32	20.6%	0.0003*
Root resorption	22	71.0%	92	74.2%	114	73.5%	0.490

Impingement of anatomical structures

Inferior alveolar nerve‡	17/29	58.6%	69/117	59.0%	86	58.9%	0.922
Maxillary sinus§	4/4¶ ²	100%	15/15¶ ⁸	100%	19/19	100%	0.963
Nasal cavity§	2/2	100%	5/7	71.4%	7	77.8%	0.596
Zygoma	0	0%	6/13¶ ⁶	46.2%	6/15	40.0%	0.203
Orbit§	2/2	100%	5/8¶ ¹	62.5%	7/10	70.0%	0.596
Pterygoid plates§	0	0%	5/9¶ ²	62.5%	5/11	45.5%	0.246

† In one mixed density case, the locularity could not be described

‡ Only mandibular cases analysed

§ Only maxillary cases analysed

¶ Number of mandibular cases extending to involve this area

* Statistically significant