

**Figure 1**: (A) - Schematic drawing of an edentulous child's mouth (individual examination); (B) – Rank Diagram adapted to the children's oral health quarterly follow-up program, from 0 to 36 months of age.

**Table 1:** Distribution in numbers of the main data obtained in the intraoral clinical exams in relation to hard and soft tissues in the respective age groups in which they were found.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| *HARD TISSUE* | *ALTERATION* | *0-12**Months* | *13-24**Months* | *25-36**Months* | *Total* |
| **F** | **M** | **F** | **M** | **F** | **M** | n % |
| *Tooth* | ***1***.Carie  |  | 01 | 02 |  | 04 | 05 | 12 8.6 |
| ***2.*** Dental traumatic injuries | 01 | 01 | 01 | 03 |  | 01 | 07 5.0 |
| ***3***.Agenesis |  |  | 01 | 01 |  | 01 | 03 2.1 |
| ***4***. Enamel hipocalcification |  | 02 | 01 |  |  |  | 03 2.1 |
| ***5.*** Enamel hypoplasia |  |  | 01 | 01 |  |  | 02 1.4 |
| ***6***. Geminated' and 'fused' teeth |  | 01 | 02 |  |  |  | 03 2.1 |
| *SOFT* *TISSUE*  |  |  |  |  |  |  |  |
| *Gingival diseases* | ***7.***Gingivitis | 02 | 02 | 01 | 03 |  | 01 | 09 6.5 |
| ***8***.Gingival margin | 02 | 02 |  |  |  |  | 04 2.8 |
| *Tongue* | ***9***.Língua Geográfica | 02 | 01 | 02 | 01 |  |  | 06 4.3 |
| ***10***. Ankyloglossia | 05 | 10 |  |  |  |  |  15 10.8 |
| *Lip* | ***11***. Congenital lower-lip pits. | 06 | 04 | 01 |  |  |  | 11 7.9 |
| ***12***. Fibrosis of the lips |  |  |  |  | 01 |  | 01 0.7 |
| ***13***.Mucocele  | 01 |  |  | 01 | 01 |  | 03 2.1 |
| *Cysts* | ***14***. Eruption cysts | 01 | 01 | 01 | 02 |  |  | 05 3.6 |
| ***15***. Inclusion cysts (Epstein's pearls, Bohn's nodules) | 06 | 05 | 01 |  |  |  | 12 8.7 |
| ***16***. Ranula  | 01 |  |  |  |  |  | 01 0.7 |
| Total | **27** | **30** | **14** | **12** | **06** | **08** |  **97** |

**Table 2:** The adjusted values residues (Raj) were obtained from standardized residuals values to each cell of Table 1, with reference to the normal distribution reduced to 5% significance level (1.96).

|  |  |  |  |
| --- | --- | --- | --- |
|  | *0-12**Meses* | *13-24**Meses* | *25-36**Meses* |
|  | -3.8\* | -0.8 | 6.4\* |
|  | -1.7 | 1.9 | 0 |
|  | -2.1\* | 1.6 | 0.9 |
|  | 0.3 | 0.3 | -0.7 |
|  | -1.7 | 2.4\* | -0.6 |
|  | -0.9 | 1.6 | -0.7 |
|  | -0.9 | 1.3 | -0.3 |
|  | 1.7 | -1.2 | -0.8 |
|  | -0.5 | 1.3 | -1.0 |
|  | 3.5\* | -2.5\* | -1.7 |
|  | 2.3\* | -1.4 | -1.4 |
|  | -1.2 | -0.6 | 2.4\* |
|  | -0.9 | 0.3 | 0.9 |
|  | -0.9 | 1.7 | -0.9 |
|  | 2.5\* | -1.5 | -1.5 |
|  | 0.8 | -0.6 | -0.4 |

*\* Residues above +1.96 or below -1.96 indicate significance level of 5%.*

**Table 3:** Distribution in numbers of the perception on the arbitrary scale of the degree of satisfaction, according to the indicators shown in the Rank Diagram.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Series | \*Indicators | A | B | C | D | E |
| GI | Design of edentulous mouth  | 22 | 10 | **1** |  |  |
|  | Locations for registration of erupted teeth | 17 | 13 | **2** | **1** |  |
|  | Record of lesions in the gingival tract | 15 | 14 | **2** | **2** |  |
|  | Record of lesions or tongue changes | 23 | 10 |  |  |  |
|  | Record changes in lips | 18 | 10 | **3** | **2** |  |
|  | Registration of changes in the frenulum | 24 | 7 | **1** | **1** |  |
|  | Record of changes in the palate | 23 | 8 | **2** |  |  |
| GII | Quarterly follow-up of oral alterations | 27 | 5 | **1** |  |  |
|  | Quarterly follow-up of dental eruptions | 21 | 11 | **1** |  |  |
| GIII | Instruction manual | 8 | 20 | **4** |  | **1** |
|  | Place to record observations | 7 | 6 | **10** | **6** | **4** |
|  | Practicality for recording oral changes | 22 | 10 |  | **1** |  |
|  | Sheet printed on A4 paper | 23 | 8 | **2** |  |  |

*\** *A = Very satisfied, B = Satisfied, C = Unsatisfied, D = Unsatisfied and E = Very dissatisfied.*

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*A = Instruction manual; B = Place to record observations; C = Practicality for recording oral changes; D = Sheet printed on A4 paper*

**Figure 2.** Residual analysis: The values of Raj (adjusted residuals) were obtained from standardized residue values for each cell of Table 4, with reference to standard normal distribution at 5% significance (Raj = 1.96).