## Breastfeeding, Bottle Feeding Practices and Malocclusion in the Primary Dentition: A Systematic Review of Cohort Studies

Table S1. List of titles selected for full text analysis and the reasons for exclusion.

| References                              | Classification   |
|---|--|
| Adair, S.M.; et al., 1992 [1]           | Not selected—The study correlates malocclusion with the use of             |
|   | orthodontic pacifiers. No feeding habits are reported.                     |
| Adamial: E : 1001 [2]                   | Not selected—The study does not associate malocclusion to bottle           |
| Adamiak, E.; 1981 [2]                   | or breast feeding.   |
| Ahangar Atashi, M.H.; et al., 2013 [3]  | Not selected—The study does not associate malocclusion to bottle           |
| Allangar Atashi, W.H., et al., 2015 [5] | or breast feeding.   |
| Ahlgren, J.; 1995 [4]                   | Not selected—The study evaluated lip and cheek activity; no risk factors   |
| 7 migron, 0., 1775 [1]                  | or malocclusion were evaluated.  |
| Al-Bajjali, T.T.; et al., 2014 [5]      | Not selected—The study does not associate malocclusion to bottle           |
| 711 Bujjun, 1.1., et at., 2014 [3]      | or breast feeding.   |
| Alexander, L.G.; 1981 [6]               | Not selected—The study does not associate malocclusion to bottle           |
|   | or breast feeding.   |
| Alexander, S.; et al., 1997 [7]         | Not selected—The study reports malocclusion and periodontal status.        |
| Triestander, 8., 6. at., 1557 [7]       | No bottle or breast feeding are reported.                                  |
| Almeida, S.P.T.M.A.; et al., 2005 [8]   | Not selected—Review.   |
| Antonini, A.; et al., 2005 [9]          | Not selected—The study associates malocclusion to skeletal characteristics |
| 7 H.Comm, 71., Ct ut., 2003 [7]         | based on cephalograms. No breast feeding or bottle feeding is reported.    |
| Aravena, A.P.; et al., 1998 [10]        | Not selected—The study is a review.  |
| Aznar, T., et al.; 2006 [11]            | Not selected—Cross-sectional study.  |
| Backlund, E.; et al., 1963 [12]         | Not selected—The study reports breathing.                                  |
| Baragona, P.M.; et al., 1991 [13]       | Not selected—Review.   |
| Baume, L.J.; 1973 [14]                  | Not selected—The study reports frequency of oral problems in               |
| Baume, E.J., 1975 [14]                  | French Polynesian population; no risk factors are reported.                |
| Baume, L.J.; 1974 [15]                  | Not selected—Study describes the prevalence of malocclusion and dental     |
| Baume, E.J., 17/4 [13]                  | eruption pattern in Polynesian population. Risk factors are not reported.  |
| Bertoldi, P.M.; et al., 2005 [16]       | Not selected—The study reports the effect of counseling on interruption    |
| Bertoldi, 1 .ivi., et at., 2003 [10]    | of oral habits.  |
| Bertrand, F.R.; 1968 [17]               | Not selected—The study does not report epidemiological and quantitative    |
| Detraile, F.K., 1906 [17]               | data on breast feeding.  |
| Bigenzahn, W.; et al., 1992 [18]        | Not selected—The study describes the effect of myofunctional therapy       |
| Digenzann, w., et at., 1992 [10]        | on speech and disorders of articulation.                                   |
| Boni, R.C.; et al., 1997 [19]           | Not selected—The study reports the effects of counseling on malocclusion.  |
| Borghoff, M.J.; et al., 2005 [20]       | Not selected—The study is conducted with children aged 7 to 11 years       |
| Doignoii, 141.5., et at., 2003 [20]     | and dental examination was not performed.                                  |
| Bowden, B.D.; 1966 [21]                 | Not selected—The study does not report breast feeding or bottle feeding;   |
|   | only non-nutritive sucking habits.   |

Table S1. Cont.

| References                            | Classification   |
|---------------------------------------|--|
| Caglar, E.; et al., 2005 [22]         | Not selected—The study reports prevalence data.                            |
| Callaghan, A.; et al., 2005 [23]      | Not selected—Pacifier use is the main outcome.                             |
| Calo, F.A.; 1968 [24]                 | Not selected—Review  |
|                                       | Not selected—Comparison group to bottle feeding was children that          |
| Carrascoza, K.; et al., 2006 [25]     | used glass (instead of bottle). Data of malocclusion are not described     |
|                                       | in the paper.  |
| Carrero H.B.; et al., 1988 [26]       | Not selected—Review.   |
| Contallani C . et al. 1007 [27]       | Not selected—The study does not report breast feeding or bottle feeding;   |
| Castellani, G.; et al., 1987 [27]     | only non-nutritive sucking habits.   |
| Castelo, P.M., et al.; 2010 [28]      | Not selected—Cross-sectional study.  |
| Castillo, B.; 2008 [29]               | Not selected—Review.   |
| Control I. A. 2002 [20]               | Not selected—The study evaluates the primary dentition and                 |
| Castro, L.A.; 2002 [30]               | its development.   |
| Charchut, S.W.; et al., 2003 [31]     | Not selected—Cross-sectional study   |
| Charitanasa A.D. et al. 2002 [22]     | Not selected—The study does not associate malocclusion to bottle           |
| Chevitarese, A.B.; et al., 2002 [32]  | or breast feeding; only oral habits are reported.                          |
| Costantino, A.; 1986 [33]             | Not selected—The study has no statistical data.                            |
| Courson, F.; 2006 [34]                | Not selected—Review.   |
| Cozza, P.; et al., 2005 [35]          | Not selected—The study does not report breast feeding or bottle feeding.   |
| Degano, M.P.; Degano, R.A.; 1993 [36] | Not selected—Review.   |
| Del Valle, L.M.L.; et al., 2006 [37]  | Not selected—Cross-sectional study.  |
|                                       | Not selected—The study does not report breast feeding or bottle feeding;   |
| Dimberg, L.; et al., 2010 [38]        | the study evaluated non-nutritive sucking habits, breathing pattern        |
|                                       | and snoring.   |
| Dimberg, L.; et al., 2013 [39]        | Not selected—The study does not report breastfeeding.                      |
| Diouf, J.S.; et al., 2010 [40]        | Not selected—Cross-sectional study.  |
| Dioho V : at al. 1096 [41]            | Not selected—The study does not associate malocclusion to breast           |
| Djaha, K.; et al., 1986 [41]          | feeding or bottle feeding.   |
| Dolci, G.S., et al., 2001 [42]        | Not selected – The study does not report breast feeding or bottle feeding; |
| Dolci, G.S., et al., 2001 [42]        | only associated non-nutritive sucking habits.                              |
| Dos Santos, R.R.; et al. 2012 [43]    | Not selected—Cross-sectional study.  |
| Duncan, K.; et al., 2008 [44]         | Not selected—The study does not report breast feeding or bottle feeding;   |
| Duncan, K., et at., 2000 [44]         | only non-nutritive sucking habits.   |
| Joanna Briggs Institute. 2006 [45]    | Not selected—Review.   |
| Emmerich, A.; et al., 2004 [46]       | Not selected—The study does not report breast feeding or bottle feeding;   |
| Emmericii, A., et at., 2004 [40]      | only non-nutritive sucking habits and oronasopharyngeal alterations.       |
| Eskes, P.W.; 1992 [47]                | Not selected—Letter to the Editor.   |
| Fabac, E., et al.; 1992 [48]          | Not selected—Cross-sectional study.  |
| Farsi, N.M.; et al., 1997 [49]        | Not selected—The study does not correlate breast feeding or bottle feeding |
|                                       | to malocclusion; it is related only to non-nutritive sucking habits.       |
| Ferreira, S.H.; et al., 2001 [50]     | Not selected—The study describes prevalence data of open bite;             |
|                                       | breast feeding or bottle feeding were not evaluated.                       |
| Ferrer, L.; et al., 2006 [51]         | Not selected—Cross-sectional study.  |

Table S1. Cont.

| References                              | Classification   |
|---|--|
| Ferro, A.; et al., 1979 [52]            | Not selected—The study does not associate malocclusion to bottle           |
|   | or breast feeding.   |
| Fote, F.D.; et al., 2000 [53]           | Not selected—The study does not report outcomes of malocclusion,           |
|   | breast feeding or bottle feeding.  |
| D                                       | Not selected—The study does not associate malocclusion to bottle           |
| Fourquet, L.; et al., 2014 [54]         | or breast feeding.   |
| Erago D: et al. 2006 [55]               | Not selected—The study analyses epidemiological survey of the Brazilian    |
| Frazao, P.; et al., 2006 [55]           | Health Authority. No risk factors are reported.                            |
| Furtado, A.N.M.; et al., 2007 [56]      | Not selected—Cross-sectional study.  |
|   | Not selected—Cross-sectional study.  |
| Colon Congolog A.F. et al. 2014 [57]    | The study addresses the influence of breastfeeding and bottle feeding on   |
| Galan-Gonzalez, A.F.; et al., 2014 [57] | development of the dental arches and occlusion among children aged         |
|   | from 3 to 6 years.   |
| Gallarreta, F.W.M.; et al., 2004 [58]   | Not selected—The study associates breast feeding to sucking habits.        |
| Gandini, P.; et al., 1989 [59]          | Not selected—The study describes only frequency data.                      |
| Gariner, D.; 1970 [60]                  | Not selected—The study is a review.  |
| Carlinan D : 1094 [61]                  | Not selected—The study does not associate malocclusion to bottle           |
| Garliner, D.; 1984 [61]                 | or breast feeding.   |
| Cadialra V : 1041 [42]                  | Not selected—The study does not associate malocclusion to breast feeding   |
| Gedicke, K.; 1961 [62]                  | or bottle feeding.   |
| Gimenez, C.M.M.; et al., 2001 [63]      | Not selected—Abstract.   |
|   | Not selected—The study includes children with special needs what can       |
| Gimenez, C.M.M.; et al., 2008 [64]      | be a confounder, since this population are more prompt to malocclusions.   |
|   | Data extraction was not possible.  |
| Gimenez, C.M.M.; et al., 2008 [65]      | Not selected—The study describes <i>p</i> -value of the statistics between |
| Gillichez, C.W.W., et at., 2006 [03]    | malocclusion and feeding habits, but it was not possible to extract data.  |
| Gois, E.G.; et al., 2008 [66]           | Not selected—The study does not report breast feeding or bottle feeding.   |
| Gols, E.G., et al., 2000 [00]           | It associates malocclusion to other risk factors.                          |
| Grabowski, R.; et al., 2007 [67]        | Not selected—The study does not report breast feeding or bottle feeding.   |
| Gudin, R.G.; et al., 1993 [68]          | Not selected—Review.   |
| Gyorgy, I.; 1970 [69]                   | Not selected—The study does not associate malocclusion to bottle           |
| Gyorgy, 1., 1970 [09]                   | or breast feeding.   |
| Hannuksela, A.; et al., 1987 [70]       | Not selected—The study does not report breast feeding or bottle feeding,   |
| Trainfukseta, A., et at., 1767 [70]     | only associates malocclusion to other risk factors.                        |
| Harrel, S.K.; 2005 [71]                 | Not selected—Letters to the Editor.  |
| Hashida, S.; et al., 1985 [72]          | Not selected—The study does not associate malocclusion to breast feeding   |
| Trasmaa, 5., et at., 1765 [72]          | or bottle feeding.   |
| Hebling, S.R.; et al., 2008 [73]        | Not selected—Cross-sectional study.  |
| Heimer, M.V.; et al., 2010 [74]         | Not selected—The study does not report breast feeding or bottle feeding;   |
|   | only non-nutritive sucking habits and growth pattern are reported.         |
| Heimer, M.V.; et al., 2008 [75]         | Not selected—The study associates malocclusion to non-nutritive            |
|   | sucking habits and facial morphology; no breast feeding or bottle feeding  |
|   | is reported.   |

Table S1. Cont.

| References                         | Classification  |
|------------------------------------|---|
| Helle, A.; et al., 1974 [76]       | Not selected—The study does not report breast feeding or bottle feeding;  |
|                                    | only non-nutritive sucking habits.  |
| Hollows C 1 2012 [77]              | Not selected—The study does not associate malocclusion to bottle          |
| Holberg, C.; et al., 2013 [77]     | or breast feeding.  |
| Homan, B.T.; et al., 1973 [78]     | Not Selected—The study is a survey of oral disease in Aborigines          |
| 110man, B.1., & at., 1775 [76]     | population. No risk factors are reported.                                 |
| Ito, G.; 1984 [79]                 | Not selected—The study describes skeletal traits.                         |
| Iwashima, Y.; et al., 2014 [80]    | Not selected—The study does not associate malocclusion to bottle          |
| [80]                               | or breast feeding.  |
| Jabbar, N.S.; et al., 2011 [81]    | Not selected—Cross-sectional study.                                       |
| Inim C -4 -1, 2014 [92]            | Not selected—The study does not associate malocclusion to bottle          |
| Jain, S., et al.; 2014 [82]        | or breast feeding.  |
| Vote C.D. et al. 2004 [92]         | Not selected—The study does not report breast feeding or bottle feeding,  |
| Katz, C.R.; et al., 2004 [83]      | but other risk factors.   |
| K-4- C.D 1 2005 [94]               | Not selected—The study does not report breast feeding or bottle feeding;  |
| Katz, C.R.; et al., 2005 [84]      | only non-nutritive sucking habits.  |
|                                    | Not selected—The study is a thesis and it was published in scientific     |
| Katz, C.R.T.; 2003 [85]            | periodicals. Papers published were read and not selected. The study is    |
|                                    | about non-nutritive sucking habits.                                       |
| Kieser, J.J.; 2002 [86]            | Not selected—Letter to the Editor.  |
| Vinnal V . 1000 [97]               | Not selected—The study does not associate malocclusion to breast feeding  |
| Kimmel, K.; 1990 [87]              | or bottle feeding.  |
| Kimmel, K.; 1980 [88]              | Not selected—Review.  |
|                                    | Not selected—The study is a survey of patterns of occlusion in 3 year-old |
| Kisling, E.; et al., 1976 [89]     | children. Oral habits are seldom reported as non-nutritive sucking habits |
|                                    | associated to malocclusion.   |
| Kobayashi, H.M.; et al., 2010 [90] | Not selected—Cross-sectional study.                                       |
| Kobayashi, H.M.; et al., 2008 [91] | Not selected—The study reports sucking habits and malocclusion.           |
| Koev, Z.H.; 1969 [92]              | Not selected—Review.  |
| Kuijpers-Jagtman, A.M.; 1989 [93]  | Not selected—Review.  |
|                                    | Not selected—The study includes children aged 3 to 18 years and           |
| Labbok, M.H.;et al., 1987 [94]     | it was not possible to split children by age or collect data of only      |
|                                    | primary dentition.  |
| Larsson, E.; et al., 1971 [95]     | Not selected—Non-nutritive sucking habits is the main outcome.            |
| Larsson, E.; 1994 [96]             | Not selected—Review.  |
| Larsson, E.; 1975 [97]             | Not selected—Non-nutritive sucking habits are the main outcome.           |
| Larsson, E.; 1971 [98]             | Not selected—Non-nutritive sucking habits are the main outcome.           |
| Larsson, E.; 1972 [99]             | Not selected—Non-nutritive sucking habits are the main outcome.           |
| Larsson E.; 1986 [100]             | Not selected—The study does not report breast feeding or bottle feeding;  |
|                                    | only non-nutritive sucking habits.  |
| Larsson, E.; 1998 [101]            | Not selected—The study does not evaluate malocclusion;                    |
|                                    | only feeding practices.   |
|                                    | J   |

Table S1. Cont.

| References                               | Classification   |
|--|--|
| Larsson, E.; 2001 [102]                  | Not selected—The study does not associate breast feeding or bottle feeding |
|  | to malocclusion. Breast feeding is only associated to sucking habits.      |
| Larsson, E.; 1986 [103]                  | Not selected—Review.   |
| -  | Not selected—The study describes prevalence of sucking habits,             |
| Larsson, E.F.; et al., 1985 [104]        | and does not report association of breast feeding or bottle feeding        |
|  | with malocclusion.   |
| Legovic, M.; et al., 1991 [105]          | Not selected—Cross-sectional study.  |
| Laighton D.C. 1066 [106]                 | Not selected—Risk factors are seldom reported as non-nutritive             |
| Leighton, B.C.; 1966 [106]               | sucking habits. Breast feeding or bottle feeding are not reported.         |
| Leite-Cavalcanti, A.; et al., 2007 [107] | Not selected—Cross-sectional study.  |
| T. 1 A 1 1000 F1003                      | Not selected—The study does not report breast feeding or bottle feeding;   |
| Linder, A.; et al., 1989 [108]           | only non-nutritive sucking habits.   |
| - A D 40== [400]                         | Not selected—The study does not associate malocclusion to breast feeding   |
| Luft, R.; 1977 [109]                     | or bottle feeding.   |
| Luz, C.L.; et al., 2006 [110]            | Not selected—Cross-sectional study.  |
|  | Not selected—The study associate malocclusion to socioeconomic             |
| Macena, M.C.; et al., 2009 [111]         | factors and to non-nutritive sucking habits; no breast feeding or          |
|  | bottle feeding is reported.  |
| Maciel, C.T.; et al., 2005 [112]         | Not selected—The study does not associate feeding habits to malocclusion.  |
| Maggioni, A.; 1984 [113]                 | Not selected—Review  |
| N. I. I. I. D. I. 1000 F. I. I.          | Not selected—The study is about digit sucking habits associated to         |
| Mahalski, P.A.; et al., 1992 [114]       | behavior problems; no breast feeding or bottle feeding is reported.        |
| M. 1. G 1. 1006 [115]                    | Not selected—The study does not associate malocclusion to breast feeding   |
| Malagola, C.; et al., 1986 [115]         | or bottle feeding.   |
| M (                                      | Not selected—The study does not report breast feeding or bottle feeding;   |
| Martins, R.J.; et al., 2003 [116]        | only associated non-nutritive sucking habits.                              |
| N  | Not selected—The study does not associate malocclusion to bottle or        |
| Martori, E., et al.; 2014 [117]          | breast feeding.  |
| Masaracchia, R.; 2009 [118]              | Not selected—Review.   |
|  | Not selected—The study does not associate malocclusion to breast feeding   |
| Massler, M.; 1983 [119]                  | or bottle feeding.   |
| Melink, S.; et al., 2010 [120]           | Not selected—Case-control study.   |
|  | Not selected—The study does not report breast feeding or bottle feeding;   |
| Melsen, B.; et al., 1979 [121]           | it associates malocclusion to non-nutritive sucking habits and             |
|  | swallowing pattern.  |
| Mendes, A.C.R.; et al., 2003 [122]       | Not selected—Abstract.   |
| Mendes, A.C.R.; et al., 2008 [123]       | Not selected—The study does not report outcome of breast feeding.          |
|  | Breast feeding is only associated to non-nutritive sucking habits.         |
| Meyers, A.; et al., 1998 [124]           | Not selected—The study comprises children aged 10 to 12 years              |
|  | (mixed dentition) and malocclusion is evaluated as parents' report of      |
|  | need of orthodontic treatment.   |
| Michelotti, A.; et al., 2007 [125]       | Not selected—The study associates malocclusion to leg length inequality    |
|  | in adolescents; no breast feeding or bottle feeding is reported.           |
|  |  |

Table S1. Cont.

| References                         | Classification   |
|------------------------------------|--|
| Milicic, A.; 1972 [126]            | Not selected—The study reports prevention and orthodontics.                |
| Montaldo, L.; et al., 2011 [127]   | No selected—The study only associates feeding habits to non-nutritive      |
|                                    | sucking habits.  |
| Moraes, E.S.; et al., 2001 [128]   | Not selected—The study does not report breast feeding or bottle feeding;   |
|                                    | only associated non-nutritive sucking habits.                              |
| Moss, J.P.; et al., 1968 [129]     | Not selected—The study is conducted with children aged 12 years.           |
| Motokawa, M.; et al., 2013 [130]   | Not selected—The study does not associate malocclusion to bottle or        |
| [130]                              | breast feeding.  |
| Mustafa, M.; et al., 2014 [131]    | Not selected—The study does not associate malocclusion to bottle or        |
| Wiustala, Wi., et al., 2014 [131]  | breast feeding.  |
| Myllarniemi, S.; 1973 [132]        | Not selected—The study does not report breast feeding or bottle feeding;   |
| [132]                              | only non-nutritive sucking habits  |
| Narbutyte, I.; et al., 2013 [133]  | Not selected—Review.   |
| Neiva, F.C.; et al., 2003 [134]    | Not selected—Review.   |
| Nowak, A.J.; 1991 [135]            | Not selected—Report.   |
| Nystrom, M.; 1981 [136]            | Not selected—The study reports changes of malocclusion during years;       |
| Nystroni, W., 1761 [130]           | no risk factors are reported.  |
| Obraztsov, I.; 1991 [137].         | Not selected—The study does not associate malocclusion to breast feeding   |
| Oblazisov, I., 1991 [137].         | or bottle feeding.   |
| Ogaard, B.; et al., 1994 [138]     | Not selected—Cross-sectional study.  |
| Oikawa, K.; 1984 [139]             | Not selected—Review.   |
| Oliveira, A.B.; et al., 2006 [140] | Not selected—Cross-sectional study.  |
| Mew, J.; 2002 [141]                | Not selected—Treatment study.  |
| Onyeaso, C.O.; et al., 2008 [142]  | Not selected—The study does not report breast feeding or bottle feeding;   |
| Onycuso, C.O., C. u, 2000 [142]    | only non-nutritive sucking habits.   |
| Onyeaso, C.O.; et al., 2008 [143]  | Not selected—The study reports non-nutritive sucking habits                |
|                                    | and malocclusion.  |
| Onyeaso, C.O.; 2004 [144]          | Not selected—The study does not associate malocclusion to breast feeding   |
|                                    | or bottle feeding.   |
|                                    | Not selected—The study longitudinally follows up children to evaluate      |
|                                    | changes of malocclusion pattern during years. Bottle feeding of children   |
| Ovsenik, M., et al.; 2007 [145]    | with malocclusion is reported along the years, but there is no information |
|                                    | of bottle feeding in children without malocclusion. OR is not reported and |
|                                    | it was not possible to obtain this data from the paper.                    |
| Ovsenik, M.; 2009 [146]            | Not selected—Breast feeding is not reported. Bottle feeding is reported    |
|                                    | along years, and there is no frequency data or that could be extracted.    |
| Page, D.C.; 2001 [147]             | Not selected—Review.   |
| Pal, A.; 1976 [148]                | Not selected—The study does not associate malocclusion to bottle or        |
|                                    | breast feeding.  |
| Paunio, P.; et al., 1993 [149]     | Not selected—Breast feeding and bottle feeding are not associated to       |
|                                    | malocclusion, are only associated to sucking habits.                       |
| Paunio, P.; et al., 1993 [150]     | Not selected—Non-nutritive sucking habits are the main outcome.            |
| Peres, K.G.; et al., 2006 [151]    | Not selected—Abstract.   |

Table S1. Cont.

| References                             | Classification   |
|--|--|
| Peters, S.; 1988 [152]                 | Not selected—Review.   |
| Piras, V.; et al., 2003 [153]          | Not selected—The study is comprised of a selected group of patients        |
|  | with beta-thalassemia and its association with malocclusion.               |
| D                                      | Not selected—The study does not associate malocclusion to bottle           |
| Popovich, F.; 1966 [154]               | or breast feeding.   |
| Drive and 1. 1. 1. 2014 [155]          | Not selected—The study does not associate malocclusion to bottle           |
| Primozic, J.; et al., 2014 [155]       | or breast feeding.   |
| Dadaria V4 -1. 2014 [156]              | Not selected—The study does not associate malocclusion to bottle           |
| Radovic, K., et al.; 2014 [156]        | or breast feeding.   |
| Rakosi, T.; 1969 [157]                 | Not selected—The study reports prevention methods.                         |
| Rakosi, T.; 1972 [158]                 | Not selected—Review.   |
| Raymond, J.L.; et al., 2006 [159]      | Not selected—Review.   |
| Ribeiro, H.C., Jr.; 2005 [160]         | Not selected—It is a case-control study.                                   |
|  | Not selected—The stud correlates nursing bottle to its consequences such   |
| Dahla E I . 2009 [17]                  | as nursing bottle caries and malocclusion. Types of malocclusion reported  |
| Robke, F.J.; 2008 [161]                | are crowding and premature loss of teeth and space in consequence to       |
| 1                                      | nursing bottle caries; not malocclusion caused by bottle feeding.          |
| Poodig I I: at al. 2014 [162]          | Not selected—The study does not associate malocclusion to bottle           |
| Roedig, J.J.; et al., 2014 [162]       | or breast feeding.   |
| Romero, C.C.; et al., 2011 [163]       | Not selected—Cross-sectional study.  |
| Saenz, R.B.; 2000 [164]                | Not selected—Letters to the Editor.  |
| Salma, S.; 2000 [165]                  | Not selected—Review.   |
| Sanchar Malina Mineral 2010 [166]      | Not selected—The study is comprised of children aged 6 to 11 years         |
| Sanchez-Molins, M.; et al., 2010 [166] | under mixed dentition.   |
| Sanger, R.G.; et al., 1982 [167]       | Not selected—The study is not original paper.                              |
|  | Not selected—The study does not associate breast feeding or bottle feeding |
| Scavone, H.; et al., 2008 [168]        | to malocclusion; breast feeding is associated to non-nutritive sucking     |
|  | habits.  |
| Scavone, H., et al.; 2007 [169]        | Not selected—The study does not report breast feeding or bottle feeding;   |
| Scavone, 11., et al., 2007 [109]       | only non-nutritive sucking habits.   |
| Schneider, H.G.; et al., 1989 [170]    | Not selected—The study does not report malocclusion as main outcome.       |
| Shakor D.D. at al. 2012 [171]          | Not selected—The study does not associate malocclusion to bottle or        |
| Shekar, B.R.; et al., 2013 [171]       | breast feeding.  |
| Shendurnikar, N.; 1993 [172]           | Not selected—Review.   |
| Shetty, S.R.; et al. 1998 [173]        | Not selected—Is a prevalence study.  |
| Silva, L.P.M.; et al., 2005 [174]      | Not selected—Cross-sectional study.  |
| Simpson W. I. at al. 1076 [175]        | Not selected—There is no statistical data, only frequency is reported.     |
| Simpson, W.J.; et al., 1976 [175]      | It was not possible to extract data.                                       |
| Simpson, W.J.; et al., 1976 [176]      | Not selected—There is no statistical data, only frequency is reported.     |
| 5 mpson, w.s., et at., 17/0 [1/0]      | It was not possible to extract data.                                       |
| Solano R. F.: et al. 1088 [177]        | Not selected—The study does not associate malocclusion to bottle           |
| Solano, R.E.; et al., 1988 [177]       | or breast feeding.   |

Table S1. Cont.

| References                              | Classification   |
|---|--|
| Sorensen, H.B.; et al., 2009 [178]      | Not selected—The study associates ectopic canines to their location        |
|   | in the maxilla; no malocclusion or risk factors are related.               |
| G IN                                    | Not selected—The study does not associate breast feeding or bottle feeding |
| Sousa, J.M.; et al., 2010 [179]         | to malloclusion; only prevalence data is reported.                         |
| C I' M A - 1000 [100]                   | Not selected—The published study was identified and selected. The thesis   |
| Souza Júnior, M.A.; 1998 [180]          | was excluded in order to avoid duplicate data.                             |
| Soviero, V.L.M.; 1999 [181]             | Not found.   |
| C4-b1 F -4 -1, 2002 [192]               | Not selected—The study does not associate malocclusion to bottle or        |
| Stahl, F., et al.; 2003 [182]           | breast feeding.  |
| Starr, N.B.; et al., 1999 [183]         | Not selected—The study does not report breast feeding or bottle feeding.   |
|   | Not selected—The study reports frequency of dental caries, dental trauma   |
| Stecksen-Blicks, C.; et al., 1995 [184] | and malocclusion in Swedish children. There is no association with         |
|   | risk factors.  |
| Stirling, D.L.; 1994 [185]              | Not selected—Review.   |
| Taatz, H.; 1978 [186]                   | Not selected—Review.   |
| Takanashi, N.; et al., 1989 [187]       | Not selected—The study reports prevalence data.                            |
| TI                                      | Not selected—The study includes children with permanent dentition with     |
| Thomaz, E.B.; et al., 2013 [188]        | 12-15 years-old, and does not associate malocclusion to feeding habits.    |
| FI                                      | Not selected—The study was conducted with adolescents aged                 |
| Thomaz, E.B.; et al., 2012 [189]        | 12–15 years. No primary dentition.   |
|   | Not selected—The study does not report breast feeding or bottle feeding as |
| Thomaz, E.B.A.F.; et al., 2005 [190]    | risk factors.  |
| Thomazine, G.D.P.A.; et al.,            | Not selected—The study describes prevalence data of open bite; breast      |
| 2000 [191]                              | feeding or bottle feeding were not evaluated.                              |
| Tollaro, I.; et al., 1968 [192]         | Not selected—The study reports sucking habits.                             |
| Tomita, L.M.; et al., 2004 [193]        | Not selected—The study does not associate feeding habits and malocclusion. |
| T                                       | Not selected—The study does not report breast feeding or bottle feeding;   |
| Tomita, N.E.; et al., 2000 [194]        | only non-nutritive sucking habits.   |
| T                                       | Not selected—The study does not associate malocclusion to bottle or        |
| Tsai, H.H.; et al., 2004 [195]          | breast feeding.  |
| T 111 D 1 100 T 100 C                   | Not selected—The study reports prevalence of malocclusion in children;     |
| Tschill, P.; et al., 1997 [196]         | it does not report risk factors.   |
| Turgeon-O'Brien, H.; et al., 1996 [197] | Not selected—Review.   |
| Urzal, V.; et al., 2013 [198]           | Not selected—The study does not report breastfeeding.                      |
|   | Not selected—The study is comprised of a selected group of patients        |
| Usadel, W.; 1967 [199]                  | from clinical practice.  |
|   | Not selected—The study does not have sufficient quantitative data for      |
| Usadel, W.; 1970 [200]                  | data's extraction.   |
| Vasconcelos, F.M.; et al., 2011 [201]   | Not selected—Cross-sectional study.  |
| Verrastro, A.P.; et al., 2006 [202]     | Not selected—The study associates malocclusion to orofacial                |
|   | myofunctional characteristics. Breast feeding or bottle feeding            |
|   | are not reported.  |
| Verrastro, A.P.; 2008 [203]             | Not selected—Cross-sectional study.  |
| , , , ,                                 | · · · · · · · · · · · · · · · · · · ·                                      |

Table S1. Cont.

| References                               | Classification  |
|--|---|
| Vieira-Andrade, R.G.; et al., 2014 [204] | Not selected—The study does not associate malocclusion to bottle            |
|  | or breast feeding.  |
| Warren, J.J.; et al.; 2001 [205]         | Not selected—The study does not report breast feeding or bottle feeding;    |
|  | only non-nutritive sucking habits.  |
| Warran I.I. at al.: 2005 [206]           | Not selected—The study does not report breast feeding or bottle feeding;    |
| Warren, J.J., et al.; 2005 [206]         | only non-nutritive sucking habits.  |
| Watase, S., et al.; 1998 [207]           | Not selected—The study is comprised of a high selected group of             |
|  | patients with otitis media. Other variables are associated to otitis media, |
|  | but not malocclusion and feeding habits directly.                           |
| Westling, L., et al.; 1996 [208]         | Not selected—The study does not report breast feeding or bottle feeding.    |
| Winter, G.B.; 2002 [209]                 | Not selected—Letter to the Editor.  |
| Yamazaki, S.; et al., 2013 [210]         | Not selected—The study does not associate malocclusion to bottle            |
|  | or breast feeding.  |
| Zawawi, K.H.; et al., 2012 [211]         | Not selected—The study does not associate malocclusion to bottle            |
|  | or breast feeding.  |
| Zhang, Q., et al.; 2014 [212]            | Not selected—The study does not associate malocclusion to bottle            |
|  | or breast feeding.  |
| Zuanon, A.C.C.; et al., 2000 [213]       | Not selected—The study reports oral habits.                                 |

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