Appendix 2. List of excluded studies with reasons

| Study ID          | Reasons for exclusion                                      |
|-------------------|------------------------------------------------------------|
| Ana 2007          | The study is not a clinical trial                          |
| Aderson 2002      | The study is not a clinical trial                          |
| Apel 2004         | The study is not a clinical trial                          |
| Bahar 1994        | The study is not a clinical trial                          |
| Bahrololoomi 2019 | The study was not a clinical trial                         |
| Blankenau 1999    | The study is not a clinical trial                          |
| Correa Alfonso 2013 | The study is not a clinical trial                         |
| Cozean 1997       | No prophylaxis intervention was performed in this study    |
| Genovese 2008     | No prophylaxis intervention was performed in this study    |
| Güçlü 2018        | The included studies undergone orthodontic treatment      |
| Gorton 2003       | The study is not a clinical trial                          |
| Harazaki 2001     | The included teeth in the study were not all sound         |
| Hicks 2004        | The study is not a clinical trial                          |
| Hicks 2004        | The study is not a clinical trial                          |
| Kato 2003         | This study was a case series without any control group     |
| Neto 2015         | The study is not a clinical trial                          |
| Raucci-Neto 2015b | The study is not a clinical trial                          |
| Rechmann 2011     | The study is not a clinical trial                          |
| Rechmann 2013     | The included teeth in the study were not all sound         |
| Roshkind 2008     | The study is not a clinical trial                          |
| Seino 2015        | The study is not a clinical trial                          |
| Stern 1972        | The study is not a clinical trial                          |
| Stern-Oliveira 2006 | The study is not a clinical trial                         |