Supplementary Table 1. Proposed intervention, its effectiveness and outcome measures.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Author/year | Sample size | Age | | Duration of intervention (mon) | | | Preventive treatment | | | | | Effectiveness | | | Outcomes | | |
|
| 6–8 | 9–12 | 6 | 12 | 18 | Fluoride varnish | Pits and fissure Sealant | Giomer | Casein | Icon | Beneficial | Harmful | No effect | Remineralization | Decreased Sensitivity | Reduced cariogenic risk |
|
|
| Arce, [20] 2020 | 1 | ● |  |  | ● |  |  |  | ● |  |  | ● |  |  | ● | ● | ● |
| Bakkal, [12] 2017 | 461 | ● |  |  | ● |  |  |  |  | ● |  | ● |  |  | ● |  | ● |
|
| Bullio, [5] 2015 | 45 | ● |  |  |  | ● |  | ● |  |  |  | ● |  |  |  |  | ● |
|
| Fragelli, [9] 2017 | 21 | ● |  |  |  | ● |  | ● |  |  |  |  |  | ● |  |  | ● |
|
| Giannetti, [16] 2018 | 17 | ● |  | ● |  |  |  |  |  |  | ● |  |  | ● | ● |  |  |
|
| Lopez, [21] 2019 | 14 |  | ● |  | ● |  | ● |  |  |  |  | ● |  |  | ● |  |  |
| Mejia, [6] 2018 | 1 | ● |  | ● |  |  | ● |  |  |  |  | ● |  |  |  | ● |  |
| Romo, [22] 2016 | 1 | ● |  |  | ● |  | ● |  |  |  |  | ● |  |  | ● | ● | ● |

● means that the result applies to the study with the sign.