

## SUPPLEMENTARY MATERIAL

Limeback H, Enax, J, Meyer F. Biomimetic hydroxyapatite and caries prevention: a systematic review and meta-analysis. *Can J Dent Hyg.* 2021;55(3):148–59.

*This table shows the detailed results of the database search and the keywords used in that search. The rows in bold type indicate the quantitative results of titles generated using search words provided in that row. The totals are shown at the end of the table.*

Table S2. Search results details

| Search word(s)<br>(up to March15, 2021)     | PubMed result | SCOPUS result<br>(all fields) | EMBASE result |           | Web of Science result |
|---------------------------------------------|---------------|-------------------------------|---------------|-----------|-----------------------|
|                                             |               |                               | screened      | screened  |                       |
| apatite                                     | 27,656        | 117,050                       | 5,772         | 38,253    |                       |
| hydroxyapatite                              | 32,466        | 212,191                       | 31,986        | 58,234    |                       |
| caries                                      | 62,881        | 73,997                        | 59,446        | 92,015    |                       |
| dental decay                                | 61,552        | 4,222                         | 59,648        | 16,486    |                       |
| hydroxyapatite + dentin(e)                  | 1,091         | 11,349                        | 642           | 1,768     |                       |
| hydroxyapatite + enamel                     | 1,742         | 16,867                        | 1,095         | 3,320     |                       |
| apatite + caries                            | 843           | 5,044                         | 170           | 663       |                       |
| "hydroxylapatite"                           | 3,528         | 5,450                         | 3579          | 4171      |                       |
| hydroxyapatite + caries                     | 827           | 9,743                         | 517           | 955       |                       |
| hydroxyapatite + dental decay               | 891           | 1,361                         | 519           | 185       |                       |
| "hydroxylapatite" + caries                  | 44            | 150                           | 28            | 41        |                       |
| "hydroxylapatite" + caries + toothpaste     | 1             | 11                            | 2             | 1         |                       |
|                                             |               |                               |               |           |                       |
| Toothpaste                                  | 5,785         | 19,674                        |               | 8,881     |                       |
| hydroxyapatite + toothpaste                 | 152           | 1,945                         | 158           | 197       |                       |
| hydroxyapatite + toothpaste + caries        | 49            | 1,496                         | 43            | 75        |                       |
|                                             |               |                               |               |           |                       |
| Dentifrice                                  | 7,661         | 13,649                        |               | 7,366     |                       |
| hydroxyapatite + dentifrice                 | 147           | 1,880                         | 158           | 129       |                       |
| hydroxyapatite + dentifrice + caries        | 42            | 1,513                         | 43            | 52        |                       |
|                                             |               |                               |               |           |                       |
| Mouthwash                                   | 17,589        | 17,620                        | 5011          | 8,614     |                       |
| hydroxyapatite + mouthwash                  | 206           | 896                           | 44            | 34        |                       |
| hydroxyapatite + mouthwash + caries         | 38            | 635                           | 13            | 12        |                       |
|                                             |               |                               |               |           |                       |
| Gel(s)                                      | 46,636        | 1,127,940                     | 82,546        | 1,002,548 |                       |
| hydroxyapatite + gels(s)                    | 454           | 59,903                        | 1091          | 4,820     |                       |
| hydroxyapatite + gels(s) + caries           | 56            | 2,509                         | 9             | 56        |                       |
|                                             |               |                               |               |           |                       |
| Dental plaque                               | 27,625        | 79,050                        | 23,221        | 43,437    |                       |
| hydroxyapatite + dental plaque              | 459           | 6,150                         | 320           | 382       |                       |
| hydroxyapatite + dental plaque + toothpaste | 25            | 841                           | 32            | 20        |                       |
| hydroxyapatite + dental plaque + mouthwash  | 49            | 641                           | 13            | 12        |                       |

**Table S2. continued**

| Search word(s)<br>(up to March15, 2021)                                                                       | PubMed result | SCOPUS result<br>(all fields) | EMBASE result | Web of Science result |
|---------------------------------------------------------------------------------------------------------------|---------------|-------------------------------|---------------|-----------------------|
| Biofilm                                                                                                       | 58,609        | 273,374                       | 55,946        | 103,225               |
| hydroxyapatite + biofilm                                                                                      | 572           | 9,578                         | 456           | 780                   |
| hydroxyapatite + biofilm + toothpaste                                                                         | 19            | 482                           | 17            | 19                    |
| hydroxyapatite + biofilm + mouthwash                                                                          | 65            | 358                           | 14            | 16                    |
| ero(de, ded, sion)                                                                                            | 50,973        | 547,800                       | 13,768        | 261,205               |
| hydroxyapatite + ero(de, ded, sion)                                                                           | 255           | 4,988                         | 16            | 397                   |
| (de, re) mineral (ise, ize, ised, ized, ization, isation)                                                     | 12,096        |                               |               |                       |
| hydroxyapatite + (de, re) mineral (ise, ize, ised, ized, ization, isation)                                    | 823           | 8,549                         | 114           | 535                   |
| Publications screened                                                                                         | 3,689         | 37,998                        | 1,740         | 2,736                 |
| Publications screened in total                                                                                | 46,163        |                               |               |                       |
| Additional publications from other sources (e.g., Google Scholar)                                             | 30            |                               |               |                       |
| Total relevant publications after removing duplicates and irrelevant publications (see supplemental Table S3) | 291           |                               |               |                       |

## REFERENCE

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