Literature Review Abstract Template C&R Virtual Event 2021

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| TITLE  ALL CAPS; 10 words or less |  |
| Authors  LastName FirstNameMiddleInitial (no period) with comma separator between authors:  With Presenter First and Mentor Last & Use superscript # after each author if multiple units are represented |  |
| Affiliation(s)  List Department and College Affiliations for ALL authors; insert superscript # before each unit if more than one unit is listed |  |
| Abstract:  No more than 300 words including section titles  Use **Bolded** Headings as listed | **Background and Objective: Method of Review: Findings: Conclusions:** |

Example in the template next page

Literature Review Abstract Example C&R Virtual Event 2021

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| TITLE  ALL CAPS; 10 words or less | THE INFLUENCE OF ORAL INFLAMMATION ON TIMING OF DENTAL ERUPTION |
| Authors  LastName FirstNameMiddleInitial (no period) with comma separator between authors:  With Presenter First and Mentor Last & Use superscript # after each author if multiple units are represented | Truskoski DR1, Nicholas CL2, Alrayyes SM1, Thalji G3 |
| Affiliation(s)  List Department and College Affiliations for ALL authors; insert superscript # before each unit if more than one unit is listed | 1Dept. of Pediatric Dentistry, UIC College of Dentistry, Chicago, IL, 2Dept. of Orthodontics, UIC College of Dentistry, Chicago, IL, 3Dept. of Restorative Dentistry, UIC College of Dentistry, Chicago, IL |
| Abstract:  No more than 300 words including section titles  Use **Bolded** Headings as listed | **Background and Objective:** To review the literature for studies evaluating whether oral inflammation causes early tooth eruption in obese children. To identify prospects for future research. **Method of Review:** A search using Google Scholar, NCBI and PubMed databases was conducted using the MeSH terms “childhood obesity”, “dental exfoliation”, “pediatric dentistry”, and “growth and development”. Specifically defined inclusion and exclusion criteria were applied and 20 articles were selected for the final detailed review. **Findings:** Obesity is a growth-promoting process as evidenced by its effect on the timing of puberty. Although studies are limited, oral inflammation has been shown to affect the timing of tooth eruption. Both the timing and sequence of tooth eruption are important to overall oral health. Obese children may have differential patterns of jaw growth and higher levels of key pro-inflammatory biomarkers which may correspond with increased tooth movement. **Conclusions:** Obesity is a systemic disease with important effects on oral health. There is currently a lack of data on the impacts of oral inflammation on dentofacial growth. Data in today’s current literature indicates that childhood obesity an oral inflammation impacts timing of dental maturation, specifically, obese children develop and erupt their teeth at younger ages than non-obese children. |