Case Report Abstract Template C&R Day 2020

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| TITLE  ALL CAPS; 10 words or less |  |
| Authors  LastName FirstInitialMiddleInitial (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 Headings as listed | Introduction: Objectives: Findings: Significance for Practice: |

Case Report Example from a 2019 Winner formatted for 2020 as an Abstract

**BIOACTIVE THERAPEUTIC MATERIALS FOR IMMATURE TEETH: A CASE REPORT**

Bollow SE1, Golubovich MM1, Kratunova EH2, Alapati S1

*1Dept. of Endodontics, UIC College of Dentistry, Chicago, IL, 2Dept. of Pediatric Dentistry, UIC, College of Dentistry, Chicago, IL*

**Objectives**: Advanced biocompatible materials can yield improved outcomes for pulp therapy of immature permanent teeth. These materials are shown to revitalize and preserve remaining pulpal and apical tissues to achieve root maturation. Formation of mineralized tissue barriers at the pulp-dentin interface facilitates regeneration and prevents leakage of tissue fluid and bacterial byproducts. **Findings**: An immature permanent tooth with pulpal necrosis and apical periodontitis presents a unique challenge to the clinician. The traditional treatment options of apexification with long-term calcium hydroxide or “one-step” apexification with bioactive materials such as Mineral Trioxide Aggregate (MTA) are giving way to regenerative endodontic procedures (REP) with two-visit REP protocol and long-term follow up for apical inflammation resolution and root maturation. The disinfection protocol and selection of bioactive materials, such as ProRoot MTA, EndoSequence Root Repair Material (ERRM) Putty, Biodentine and NeoMTA for REP are essential for long-term success. **Significance for Practice**: The purpose of this case report is to inform clinicians and increase awareness regarding a new generation of biomaterials, their setting reactions and provide an update on a treatment modality for managing necrotic, permanent teeth with incomplete root formation.

Example in the template next page

Case Report Example from a 2019 Winner in the 2020 Template

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| Affiliation(s)  List Department and College Affiliations for ALL authors; insert superscript # before each unit if more than one unit is listed | 1Dept. of Endodontics, UIC College of Dentistry, Chicago, IL, 2Dept. of Pediatric Dentistry, UIC, College of Dentistry, Chicago, IL |
| Abstract:  No more than 300 words including section titles  Use Headings as listed | **Objectives**: Advanced biocompatible materials can yield improved outcomes for pulp therapy of immature permanent teeth. These materials are shown to revitalize and preserve remaining pulpal and apical tissues to achieve root maturation. Formation of mineralized tissue barriers at the pulp-dentin interface facilitates regeneration and prevents leakage of tissue fluid and bacterial byproducts. **Findings**: An immature permanent tooth with pulpal necrosis and apical periodontitis presents a unique challenge to the clinician. The traditional treatment options of apexification with long-term calcium hydroxide or “one-step” apexification with bioactive materials such as Mineral Trioxide Aggregate (MTA) are giving way to regenerative endodontic procedures (REP) with two-visit REP protocol and long-term follow up for apical inflammation resolution and root maturation. The disinfection protocol and selection of bioactive materials, such as ProRoot MTA, EndoSequence Root Repair Material (ERRM) Putty, Biodentine and NeoMTA for REP are essential for long-term success. **Significance for Practice**: The purpose of this case report is to inform clinicians and increase awareness regarding a new generation of biomaterials, their setting reactions and provide an update on a treatment modality for managing necrotic, permanent teeth with incomplete root formation. |