

Continuing Dental Education(CDE) Program Report		
1.	Name of the program/ Activity	Continuing dental education program
2.	Venue and date of the program	Lecture gallery 4, SJDC
3.	Name and designation of the speaker	Dr.Surya Bharath
4.	Topic for the program	Decoding Complex Root Canal Anatomies in Day-to-Day Clinical Practice
5.	Participants	Staff and Post graduate students of department of conservative dentistry and Endodontics
6.	Co-ordinator	Dr. V. B. Srinidhi
<p>Brief report:</p> <p><b>Event Overview:</b></p> <p><b>Introduction</b></p> <p>The Department of Conservative Dentistry and Endodontics at St. Joseph Dental College, Eluru, organized an academic program on 6th September 2024, featuring an insightful lecture by the esteemed Dr. Surya Bharat, M.D.S. The lecture, titled “Decoding Complex Root Canal Anatomies in Day-to-Day Clinical Practice,” was aimed at enhancing the understanding of intricate root canal anatomy among dental professionals and students, thereby improving clinical outcomes in endodontic treatment.</p> <hr/> <p><b>Objectives</b></p> <p>The primary objectives of the program were:</p> <ol style="list-style-type: none"> <li>1. To provide an in-depth understanding of the complexities associated with root canal anatomy.</li> </ol>		

2. To highlight practical approaches for managing challenging clinical cases.
  3. To enhance diagnostic and treatment planning skills.
  4. To discuss advanced instrumentation techniques for effective root canal therapy.
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### **Program Highlights**

The event commenced with a warm welcome from the Head of the Department, followed by an introduction of the chief guest, Dr. Surya Bharat. Known for his expertise in conservative dentistry and endodontics, Dr. Bharat brought a wealth of knowledge and experience to the session.

### **Key Topics Covered:**

#### **1. Variation in Root Canal Anatomy:**

- Common anatomical variations and their clinical implications.
- Case studies demonstrating unusual root canal morphologies.

#### **2. Diagnostic Techniques:**

- Importance of radiographic interpretation, including CBCT (Cone Beam Computed Tomography).
- Tips for identifying accessory canals and complex anatomy.

#### **3. Instrumentation Challenges:**

- Discussion on contemporary rotary and reciprocating systems.
- Strategies to prevent procedural errors such as ledging, zipping, or perforations.

#### **4. Clinical Case Management:**

- Step-by-step approaches to managing complex cases.
  - Significance of irrigation protocols and obturation techniques in achieving long-term success.
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### **Audience Engagement**

The lecture was attended by a diverse audience comprising undergraduate and

postgraduate students, faculty members, and practicing dentists. Dr. Bharat engaged the audience with an interactive Q&A session, where participants sought clarity on various clinical scenarios and challenges. His ability to simplify complex concepts and provide actionable solutions was widely appreciated.

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### **Outcome and Feedback**

The program successfully achieved its objectives by:

- Enhancing participants' understanding of complex root canal anatomy.
- Equipping attendees with advanced skills for effective endodontic treatment.
- Inspiring confidence in handling challenging cases through real-life examples and evidence-based practices.

Feedback from the participants highlighted the relevance and practicality of the lecture. Many expressed their gratitude for the opportunity to learn from an expert and emphasized the applicability of the concepts in their clinical practice.

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### **Conclusion**

The lecture by Dr. Surya Bharat was a significant addition to the academic calendar of St. Joseph Dental College. It not only enriched the knowledge of the attendees but also fostered a deeper appreciation for the intricacies of root canal anatomy and its impact on clinical success. The Department of Conservative Dentistry and Endodontics looks forward to hosting similar programs in the future to continue the tradition of academic excellence and professional development.

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### **Acknowledgments**

The department extends its heartfelt thanks to Dr. Surya Bharat for his valuable contribution, as well as to the organizing committee and participants for making the event a resounding success.







