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Summary for Full Arch/All on X/Pro-Arch Teeth in a Day: Team Approach with a focus on Surgical and prosthetic planning

This talk covers the comprehensive team approach required for successful Full Arch/All on X/Pro-Arch "Teeth in a Day" procedures, with a particular focus on surgical and prosthetic planning. These advanced dental techniques provide patients with fully restored arches in a single day, necessitating meticulous coordination between surgical and prosthetic teams. The session explores the roles and collaboration between surgeons, prosthodontists, and dental technicians, emphasizing the importance of planning, communication, and execution in achieving optimal outcomes.

Objectives

- 1. Understand the Full Arch/All on X/Pro-Arch Concepts**
 - Learn the fundamentals of these techniques and how they differ from traditional dental implant procedures.
- 2. Explore the Team Approach in Treatment Planning**
 - Understand the critical roles of each team member, including surgeons, prosthodontists, and technicians, in the planning and execution phases.
- 3. Focus on Surgical and Prosthetic Planning**
 - Dive into the specific aspects of surgical and prosthetic planning, including pre-operative assessments, implant placement strategies, and immediate loading protocols.
- 4. Enhance Collaboration and Communication**
 - Develop strategies for effective communication and collaboration among team members to ensure seamless workflow and high-quality patient care.
- 5. Assess Clinical Outcomes and Best Practices**
 - Review case studies and best practices to identify key factors that contribute to the success of Full Arch/All on X/Pro-Arch procedures, focusing on patient satisfaction and long-term results.

Summary for Digital Workflows for Optimizing Immediacy in Implant Therapy

This talk focuses on the use of digital workflows in implant therapy to enhance the immediacy and efficiency of treatment. It explores how technologies such as 3D imaging, CAD/CAM, and intraoral scanning facilitate the planning, design, and immediate placement of implants and prostheses. The session highlights the benefits of these digital tools in achieving precise, patient-specific outcomes, reducing treatment times, and improving overall patient satisfaction.

Objectives

- 1. Understand Digital Workflow Integration**
 - Learn how digital tools streamline the implant therapy process from diagnostics to prosthesis placement.
- 2. Explore Technological Applications**
 - Examine the role of 3D imaging, CAD/CAM, and intraoral scanners in optimizing treatment accuracy and efficiency.
- 3. Evaluate Benefits and Outcomes**
 - Assess the advantages of digital workflows in enhancing clinical outcomes, reducing chair time, and improving patient communication.
- 4. Apply Knowledge to Clinical Practice**
 - Gain insights into practical applications through case studies and real-world examples, equipping practitioners to implement these technologies effectively in their practice.

Summary for Laser Therapy to Revolutionize Periodontal and Peri Implant Disease Management

In this talk, we delve into the innovative use of laser therapy in managing periodontal and peri-implant diseases. Laser technology offers a minimally invasive alternative to traditional surgical methods, providing precise treatment with reduced discomfort and faster healing times. The session covers the mechanisms by which laser therapy works, its clinical applications, and the benefits it offers in improving patient outcomes and practice efficiency.

Objectives

- 1. Understand the Basics of Laser Therapy**
 - Learn the fundamental principles of laser technology and how it applies to periodontal and peri-implant disease management.
- 2. Explore Clinical Applications**
 - Discover how lasers are used in various periodontal and peri-implant procedures, including debridement, bacterial reduction, and tissue regeneration.
- 3. Evaluate the Benefits of Laser Therapy**

- Assess the advantages of laser treatment, such as reduced patient discomfort, faster recovery times, and enhanced precision in targeting diseased tissues.
4. **Integrate Laser Technology into Practice**
- Gain practical insights into incorporating laser therapy into clinical practice, including patient selection, safety protocols, and optimizing treatment outcomes.

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Summary for The Oral Microbiome and its impact on oral and systemic health

This talk explores the significant role of the oral microbiome in influencing both oral and systemic health. The oral microbiome, a complex community of microorganisms residing in the mouth, plays a crucial part in maintaining oral health and can impact overall well-being. The session covers the composition of the oral microbiome, factors that influence its balance, and its links to systemic conditions such as cardiovascular disease, diabetes, and respiratory infections. By understanding the oral microbiome, healthcare professionals can develop better strategies for disease prevention and management.

Objectives

- 1. Comprehend the Oral Microbiome Composition**
 - Learn about the diversity of microorganisms in the oral cavity and their roles in maintaining health or contributing to disease.
- 2. Understand the Connection Between Oral and Systemic Health**
 - Explore the evidence linking oral microbiome imbalances to systemic health conditions, emphasizing the importance of oral health in overall well-being.
- 3. Identify Factors Influencing the Oral Microbiome**
 - Recognize factors such as diet, hygiene, and lifestyle that affect the balance of the oral microbiome, and understand their implications for health.
- 4. Develop Preventive and Therapeutic Strategies**
 - Gain insights into effective approaches for maintaining a healthy oral microbiome, including the use of probiotics, targeted therapies, and lifestyle modifications to improve oral and systemic health outcomes.

Summary for The oral immune response and its impact on oral and systemic health

This talk delves into the oral immune response and its critical role in maintaining both oral and systemic health. The oral cavity is a primary entry point for pathogens, and the immune system plays a vital role in defending against infections and maintaining homeostasis. This session explores the mechanisms of the oral immune response, including the roles of saliva, immune cells, and mucosal immunity. Additionally, it highlights the connections between oral immune responses and systemic conditions, demonstrating the importance of oral health in overall health.

Objectives

- 1. Understand the Oral Immune System**
 - Learn about the components of the oral immune system, including saliva, immune cells, and the mucosal barrier, and their functions in protecting against pathogens.
- 2. Explore the Mechanisms of Oral Immune Response**
 - Discover how the immune system responds to infections and injuries in the oral cavity, and the processes involved in inflammation and healing.
- 3. Connect Oral Immune Responses to Systemic Health**
 - Examine the links between oral immune responses and systemic diseases, such as cardiovascular disease, diabetes, and autoimmune conditions, highlighting the systemic impact of oral health.
- 4. Develop Strategies for Enhancing Oral Immunity**
 - Gain insights into preventive and therapeutic strategies to support oral immune health, including the role of nutrition, hygiene practices, and potential medical interventions in maintaining a robust oral immune system.

Summary for Oral inflammation and systemic health: why oral inflammation monitoring is critical to oral health maintenance

This talk emphasizes the critical connection between oral inflammation and systemic health, underscoring the importance of monitoring oral inflammation for maintaining overall health. Oral inflammation, often seen in conditions such as gingivitis and periodontitis, can have far-reaching effects beyond the mouth, contributing to systemic diseases like cardiovascular disease, diabetes, and rheumatoid arthritis. The session will explore the pathways through which oral inflammation impacts the body and the role of healthcare professionals in early detection and management of these inflammatory conditions to promote better health outcomes.

Objectives

- 1. Understand the Causes and Types of Oral Inflammation**
 - Learn about the common causes of oral inflammation, including bacterial infections and immune responses, and differentiate between types such as gingivitis and periodontitis.
- 2. Explore the Systemic Impact of Oral Inflammation**
 - Examine the biological mechanisms linking oral inflammation to systemic diseases, emphasizing the role of inflammatory mediators and immune system interactions.
- 3. Recognize the Importance of Monitoring Oral Inflammation**
 - Understand the benefits of regular monitoring and early detection of oral inflammation in preventing the progression of oral and systemic conditions.
- 4. Develop Strategies for Managing Oral Inflammation**
 - Gain practical insights into the management and treatment of oral inflammation, including preventive measures, lifestyle modifications, and therapeutic interventions, to support overall health maintenance.