Mindluster Platform

About the course Dental materials

Course Presenter : Ø§Ù„Ù…Ø¹Ù‡Ø¯ Ø§Ù„ÙˆØ·ÙŠ Ø§Ù„Ø¹ÙµØÙŠ

Dental materials, The Dental Materials course introduces students to the science, properties, and clinical applications of the materials used in dentistry. It covers a wide range of restorative, preventive, and prosthetic materials, including amalgam, composite resins, dental cements, impression materials, ceramics, and alloys. The course explains the physical, chemical, mechanical, and biological properties that determine the performance and safety of each material inside the oral environment. Students learn about biocompatibility, durability, esthetics, and the influence of factors such as moisture, pH, and temperature on material stability. Emphasis is placed on material selection for different clinical cases, manipulation techniques, setting reactions, and common causes of material failure. Practical sessions provide hands-on training in mixing, handling, and applying dental materials in restorative and prosthodontic procedures. By combining theory with laboratory practice, the course equips learners with the knowledge and skills to choose and use dental materials effectively, ensuring functional, durable, and esthetic outcomes for patients. Ø§Ù„Ù…Ø¹Ù‡Ø¯ Ø§Ù„ÙˆØ·ÙŠ Ø§Ù„Ø¹ÙµØÙŠ

Languages in Arabic Category's Courses

Course Lesson(9)

Lesson 1 :
Dental materials 1 Physical Mechanical properties part 1 Ø§Ù„Ø®ÙµØ§Ø¦Øµ Ø§Ù„Ø·Ø¨ÙŠØ¹ÙŠØ© Ùˆ Ø§Ù„Ù…ÙŠÙƒØ§Ù†ÙŠÙƒÙŠØ©

Lesson 2 :
Dental materials 2 Physical Mechanical properties part 2 Ø§Ù„Ø®ÙµØ§Ø¦Øµ Ø§Ù„Ø·Ø¨ÙŠØ¹ÙŠØ© Ùˆ Ø§Ù„Ù…ÙŠÙƒØ§Ù†ÙŠÙƒÙŠØ©

Lesson 3 :
Dental materials 3 Testing Methods for properties of Dental Material Ø§Ø®ØªØ¨Ø§Ø±Ø§Øª Ù… Ùˆ Ø§Ø¯ ØµÙ†Ø§Ø¹Ø© Ø§Ù„Ø£Ø³Ù†Ø§Ù†

Lesson 4 : **Dental materials 4 Adhesion and Cohesion Ø§Ù„ØªÙ…Ø³Ùƒ Ùˆ Ø§Ù„Ø§Ù„ØªØµØ§Ù‚**

Lesson 5 : **Dental materials 5 Dental WAX Ø´Ù…Ø¹ Ø§Ù„Ø£Ø³Ù†Ø§Ù†**

Lesson 6 : **Dental materials 6 Gypsum Compound Ù…Ø±ÙƒØ¨Ø§Øª Ø§Ù„Ø¬Ø¨Ø³**

Lesson 7 : **Dental materials 7 Polymers Ù…Ø±ÙƒØ¨Ø§Øª Ø§Ù„Ø¨ÙˆÙ„ÙŠÙ…Ø±Ø§Øª**

Lesson 8 : **Dental materials 8 Polymerization Reactions ØªÙØ§Ø¹Ù„Ø§Øª Ø§Ù„Ø¨ÙˆÙ„Ù…Ø±Ø©**

Lesson 9 :
Dental materials 9 Denture base material Ù…ÙˆØ§Ø¯ Ù‚Ø§Ø¹Ø¯Ø© Ø·Ù‚Ù… Ø§Ù„Ø£Ø³Ù†Ø§Ù†

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