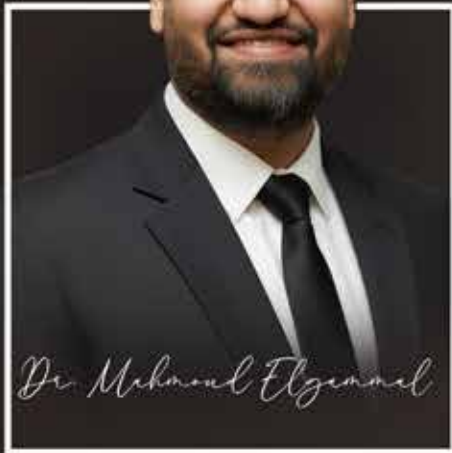


3D

BONDED BIOPRINTING

FROM CONCEPT TO CREATION



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CASE BASED DISCUSSIONS



3D BONDED BIOPRINTING **CURRICULUM**

INTRO

LECT. 1

TOOTH & BIOMECHANICS

DR. MAHMOUD



LECT. 2

CRACKS & CARIES REMOVAL & TTT

DR. MAHMOUD



LECT. 3

DECISION MAKING & TYPES OF PREP

DR. MOHEB





LECT. 4

ISOLATION TEFLONIZATION & MATRICING TECHNIQUES

DR. MOHEB

LECT. 5

BONDING

& HOW TO FILL THE GAP BETW 2 STEP & UNIVERSAL ADHESIVE

DR. MAHMOUD



LECT. 6

BUILDING UP (CONVENTIONAL / FIBER REINFORCED) COMPOSITE

DR. MAHMOUD





LECT. 7

SCANNING & DESIGNING

DIFFERENT TYPES OF SCANNERS - SCANNING STRATEGIES - SCANNING ERRORS
BUILDING A LANGUAGE BETW CLINICIAN & DESIGNER TO REACH BEST RESULT - ERRORS IN PREPS & ITS IMPACT ON DESIGNING - HTML FILE & ITS GREAT IMPACT ON COMMUNICATION BETW CLINICIAN & DESIGNER

BOTH



LECT. 8

PERMANENT RESINS & PRINTING

TYPES OF PERMANENT RESINS IN THE MARKET - EVIDENCE BEHIND THIS TYPE OF RESTORATIONS
- TYPES OF PRINTERS IN THE MARKET - DIFFERENCES BETW HOBBY & DENTAL PRINTERS - DETAILED STEPS OF PROFESSIONAL PRINTING - POST PRINTING PROCESSING

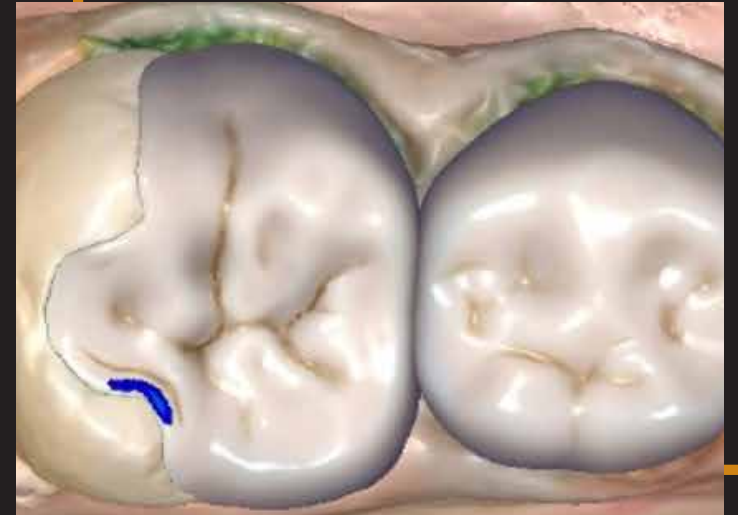
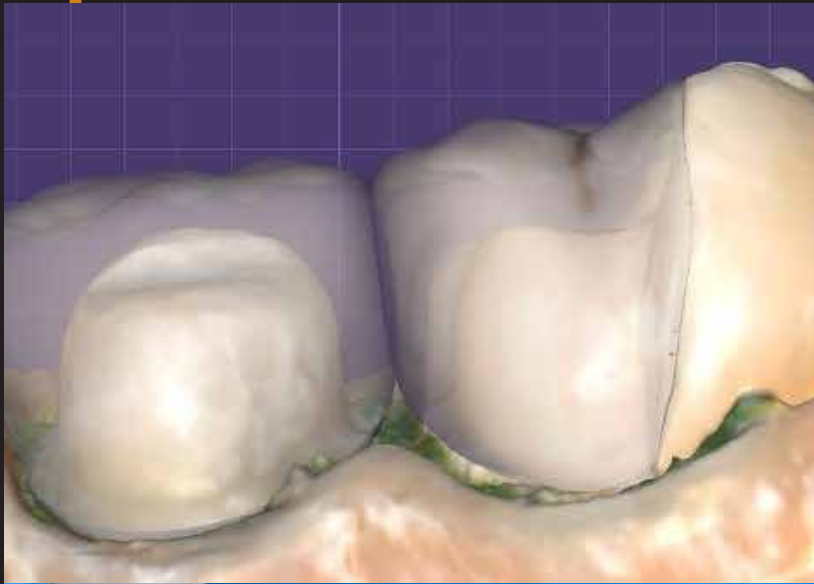
DR. MAHMOUD



LECT. 9

FINSHING , POLISHING , STAINING & GLAZING OF PRINTED RESTORATION

DR. MOHEB





LECT. 10

CEMENTATION

MATERIALS FOR CEMENTATION (DR. MAHMOUD)

CLINICAL PROTOCOL (DR. MOHEB)

BOTH

LECT. 11

CLINICAL SCENARIOS & CASE DISCUSSION

BOTH





LIVE DEMONSTRATIONS

- CAVITY PREPARATION FOR INDIRECT RESTORATION
- IDS , RC & DME
- SCANNING & DESIGNING
- PRINTING & POST PRINTING PROCESSING
- FINSHING , POLISHING , STAINING & GLAZING OF PRINTED RESTORATION
- CEMENTATION



WORKSHOPS

- CAVITY PREPARATION FOR OVERLAY
- IDS , RC & DME
- SCANNING
- PRINTING & POST PRINTING PROCESSING
- FINSHING , POLISHING , STAINING & GLAZING OF PRINTED RESTORATION
- CEMENTATION



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