

Asst. Prof. Dr. Mostafa Sultan

Dr. Ahmed Henawy

Dr. Omar Farouk

Prof. Dr. Omar Fawzi

Prof. Dr. Trefa Mohammed

Asst. Prof. Dr. Shaho Ziad Talabani

Asst. Prof. Dr. Adham Amin

Asst. Prof. Dr. Hadi Mohammed

















IN ERBIL PFOC 9

PROFESSIONAL COURSE OF FIXED ORTHODONTIC

28 MODULES 24 Days Theory & Workshops 16 Module Clinical 8 Well known speakers 01 Professional Year



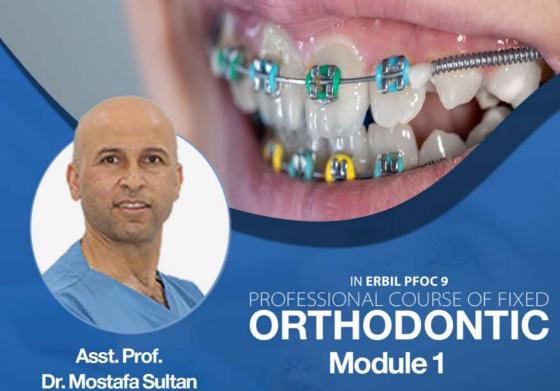


"For Registration" **0750 473 4349**

ORTHODONTIC







DAY1

1-Introduction and regional of orthodontic treatment

- Orthodontic treatment what, when, why?
- ·Segula ofuntreated malocclusion
- •limitation of orthodontic treatment

3-Classification of malocclusion

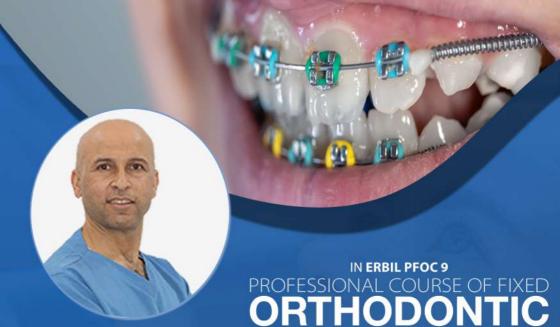
- •No menclature of individual tooth malposiotion
- •different classification for malocclusion, angel, British STANDARD INCISORCLASSIFICATION, ACKRYMAN PROFIT CLASSIFICATION, ETIOLOGIC CLASSIFICATION, SKELETALCLASSIFICATION

2-Occlusion in orthodontics Occlusion patterns

- Occlusionconcept from orthodontic perspective
- •6 keys ofnormal occlusion
- functional occlusion







Asst. Prof. Dr. Mostafa Sultan Module 1

DAY2

1-Growth and development of head and neck

- •concepts and theories ofgrowth malposiotion
- Growth Curves
- Prenataland postnatalgrowth
- clinical implications of growth in orthdontics

2-Development of normal dentition

- Eruption sequence, mechanisms
- •Criteria of each dentition stage (gum pads, primary, mixed, permanent dentition)
- •Arch dimensions, spaces, molar relation change throughout transition between dental stage

3-Etiology of malocclusion

- •General etiologic factors
- Local etiologic

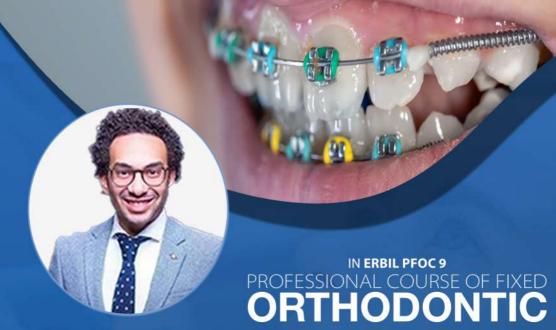




ORTHODONTIC







Dr. Ahmed Henawy Module 2

DAY1

1-Diagnosis of orthodontic problems

Importance ofdiagnosis

- •Essential and nonessential diagnostic aids
- •History, extra oralexamination, intraoral examination, functional examination, radiographic examination and problem list formulation

3-Cast Analysis

•Orthodontic castscriteria

4-Smile Analyis

- •Conceptsofesthetic smile
- Parameters of smile witch affects the treatment aims and planning

2-Cephalometric analysis

Indications and limitations

- Different cephalometric analysis
- •Cephalometric readings interpretation on integration intreatment planning







Dr. Ahmed Henawy PROFESSIONAL COURSE OF FIXED ORTHODONTIC Module 2

DAY2

Photography in Dentistry

- ·Basics ofdigital photography
- •Exposure triangle
- Photography tools and accessories
- •Dental PhotographyTechnique

Hands On Diagnosis and photography

- Cast Analysis
- •Cephalometric tracing and analysis (Manual and digital)





ORTHODONTIC







Dr. Omar Farouk

PROFESSIONAL COURSE OF FIXED ORTHODONTIC

Module 3

DAY1

1-Treatment planning principles

Timing oftreatment

- Facial aims of orthodontic treatment
- Occlusal aims oftreatment

DAY2

3-Methods of space gaining

- •InterProximal stripping, techniques indications, contraindications.
- •Arch expansion, types, effects, indications, contraindication
- Distalization techniques, indications, contraindications
- Incisors proclamation

2-Extraction Vs. Non Extraction debate

Indication, contraindication of extraction and non extraction

- •Different effects of extraction decision
- Factors affecting extraction decisions
- Extraction patterns in orthodontics

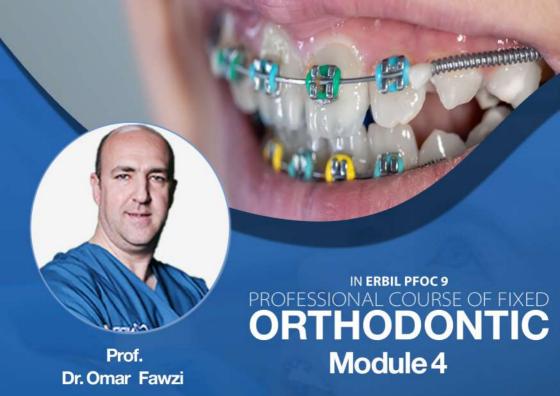




ORTHODONTIC







DAY1

1-Orthodontic materials and instruments

- Different brackets materials and designs
- Arch wire materials
- Bonding materials
- Orthodontic instruments

2-Fixed appliances

- Evolution offixed appliances from edgewise to straightwire
- different brackets prescriptions
- •Indications and contraindications

DAY2

4-Bracketplacement and fixed appliance management hands on

- Bonding protocol
- Bracket placement o typodont
- Direct and indirect bonding
- engaging wires
- Tigation methods
- Powerchains, coil springsmanagement
- Elastics

3-Bracket placement and bonding procedure

- Philosophy ofbracket placement
- individualized bracket positioning
- ·Bonding procedure





ORTHODONTIC







Prof. Dr. Omar Fawzi PROFESSIONAL COURSE OF FIXED ORTHODONTIC

Module 5

DAY1

- 1-Biology of tooth movement
- Theories oftooth movement
- Periodontal response to orthodontic force

DAY1 2-BIOMECHANICS

- BASICS OF BIOMECHANICS, VECTORS FORCEANALYSIS, CENTER OF ROTATION, CENTER OF RESISTANCE
 - TYPES OF TOOTH MOVEMENTS
 - MOMENT FORCERATION
 - TYPODONTWORKSHOP AND WIREBENDINGS





ORTHODONTIC







Asst. Prof.

Dr. Hadi Mohammed

PROFESSIONAL COURSE OF FIXED ORTHODONTIC

Module 6

DAY1

1-Anchorage planning

- Types and classification of anchorage
- •Factors affecting the anchorage
- •Anchorage management and provision

3-Stage 2 Space

- •Biomechanics of space consolidation
- •Friction vs frictionless space closure
- diastema closure, canine retraction, enmass retraction, molar protraction
- Space opening

5-Wirebendinghands on

- ·Basics of wire bending
- uprighting springs
- cantilever arms
- closing loops
- •finishing bends,1st, 2nd, 3rd order bends

2-Stage1 Iveling and aligning

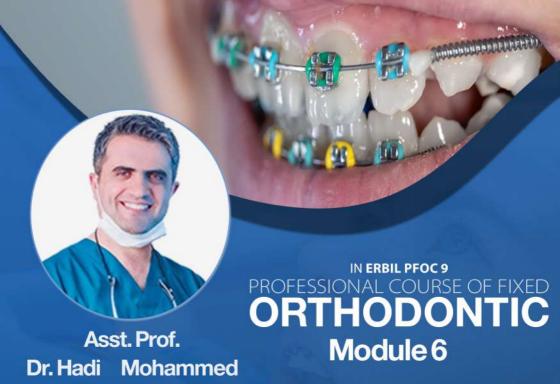
- •Aims ofleveling and alignment
- ·Levelingarch wire criteria
- •archwire sequence
- •Leveling, crowdingsymmetric and asymmetric, occlusal plan, high canines

4-Stage3 Fnishing

- Importance offinishing
- •esthetic aims offinishing
- ·occlusalaims offinishing
- •finishing techniques







DAY2

GETTINGSTARTED WITH (FIRST GROUP): CASE SELECTION, EXAMINATION, RECORDS, DIAGNOSIS & TREATMENT PLANNING

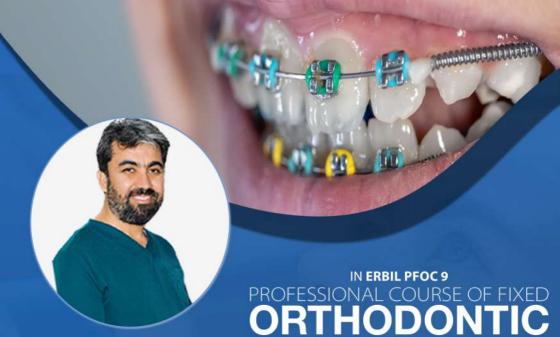




ORTHODONTIC







Asst. Prof. Dr. Adham Amin

DAY1

- 1- Class I Malocclusion
- Diagnosis of CI malocclusion
- Crowding, spacing, ectopiceruption
- Individual tooth crossbite
- Bimaxillary protrusion

2-Management of malposed teeth

- Etiology
- ·Diagnosis and localization of malposed teeth
- •Factors affecting the decision oftreatment
- interceptive procedures
- •management ofmalposed canines
- ·management ofmalposed centrals

Day 2

&Treatment planning

Module 7

Getting Started with (Second Group): Case selection, Examination, Records, Diagnosis





ORTHODONTIC







Asst. Prof. Dr. Adham Amin

DAY1

2-Class II DivI Malocclusion

- Diagnosis
- Etiology
- Growth Modification
- Camouflage

2-Class II Div2 Malocclusion

- Diagnosis
- Etiology
- Growth Modification
- Camouflage

PROFESSIONAL COURSE OF FIXED ORTHODONTIC

Module 8

Day 2

Patient follow up and training, discussion, debate

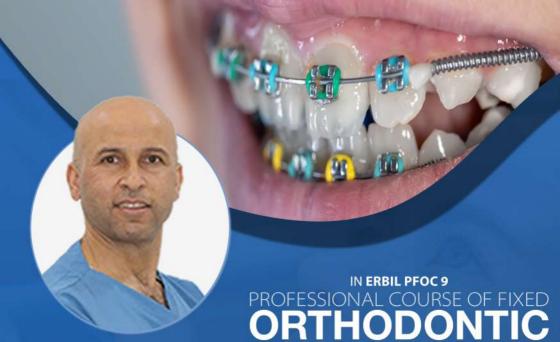




ORTHODONTIC







Asst. Prof. Dr. Mostafa Sultan Module 9

DAY1

- 1-Class II Malocclusion
- Diagnosis
- Etiology
- Growth Modification
- Camouflage

DAY2

- 2-Cross Bite
- •Diagnosis
- •Etiology
- Growing patient
- Non Growing patient
- 5-Smile Correction
- •Orthodontic smile design Management

- 3-Open Bite
- Diagnosis
- Etiology
- Growing patient
- Non Growing patient
- 4-Deep Bite
- Diagnosis
- Etiology
- Growing patient
- Non Growing patient





ORTHODONTIC







Prof. Dr. Trefa Mohammed

DAY1

1-Management of hypodontia

- Definition of hypodontia
- Managingofcongenitally missedteeth

2-Adult orthodontics

- •Differences intreatment planning between adolescent and adult patients
- Different strategies to deal with adult malocclusions

3-Orthodontics and restorative

- Orthodontic planning to aid restorative procedures
- Ortho and implants
- •Uprightining, space opening, space redistribution

4-Orthodontics and oral surgery

- •Different surgical procedures used with orthodontics
- •Frenectomy, surgical exposure extractions

Module 10

5-Orthodontics and periodontics

- •Role ofperiodontalcondition in orthodontic treatment
- Periodontal procedures in orthodontics







Prof.
Dr. Trefa
Mohammed

PROFESSIONAL COURSE OF FIXED ORTHODONTIC Module 10

DAY1

Habit Breaking

Diagnosis & Treatment Habits related to malocclusion Habit breaking appliances

latrogenic effects of orthodontic treatment

Orthodontic deleterious effects on face Bone, Mucosa periodontium, enamel Roots, Pulp

DAY2

Patient follow up discussion, trainings, and quiz.

Self Ligating appliances

Evolution ofself ligating Philosophy ofself ligating appliances DAMON appliances

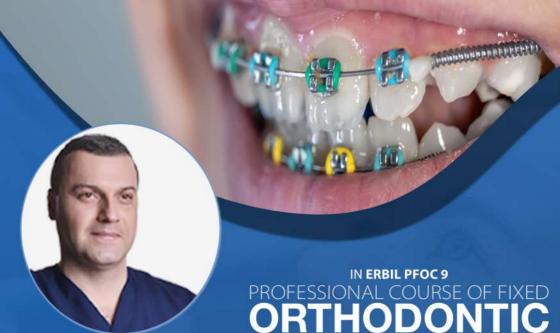




PROFESSIONAL COURSE OF FIXED ORTHODONTIC







Asst. Prof. Dr. Shaho Ziad Talabani

DAY1

6-Retention

•Principles of reten on

•Reten ona er class II

Correc on

•Retenonaer

Correc on

•Reten ona er deep bite correc on

 Reten ona er anterior open bite correc on

•Reten onof Lowerincisor alignment

•Timing of reten on: Summry

•Most advanced reten on protocol

DAY2

Module 11

Patientfollowupand discussion, trainings, and quiz

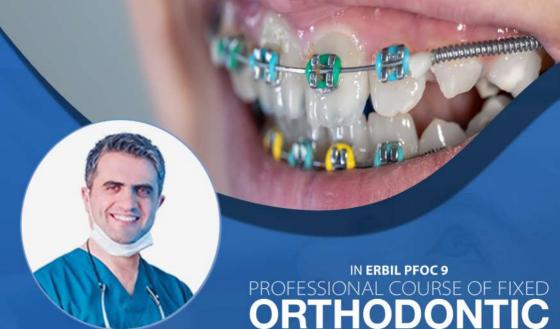




PROFESSIONAL COURSE OF FIXED ORTHODONTIC







Asst. Prof. Dr. Hadi Mohammed

DAY1

Digital Orthodontics

IndirectBonding and customized brackets

DAY2

Patient follow up and discussion, trainings.

Module 12





PROFESSIONAL COURSE OF FIXED ORTHODONTIC

MODULE 13+14







Asst. Prof. Dr. Shaho Ziad Talabani PROFESSIONAL COURSE OF FIXED ORTHODONTIC

Module 13 + 14

DAY1

Absolute Anchorage Control History and evolution Indication Design Surgical Techniques

Clinical Uses **Failure of Control** DAY2

Final Exam







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