FOLLOW THE PROF

- Prof of Orthodontics- CAIRO-UNVERSITY
- Member of World Federation of Orthodontics (WFO)
- Chairman of ODEX Orthodontic Conference

Basic & Advanced Orthodontic Course

(in clinic)

LECTURES | WORKSHOP | CIINIC

6 Weeks

Led By : Prof.Sayed Hafez

Professor of Orthodontics - Cairo University





Lectures

- Introduction to orthodontics.
- Classification of malocclusion.
- Etiology of malocclusion.
- Orthodontic diagnosis (ortho file).
- Cephalometric analysis.

Workshop

- Photography.
- Case presentation.
- Cephalometric tracing & analysis.

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SECOND WEEK 2

Lectures

- **Orthodontic armamentrium.**
- **Orthodontic biomechanics.**
- **Orthodontic tooth movement biology.**
- **Orthodontic tooth movement Acceleration.**
  - **Treatment plan.**
    - **A)** Anchorage
    - **B)** Loss of Anchorage
    - **C)** Gaining Space
      1) Extraction & Nonextraction Mechanics.
      2) Slicing.
      3) Distalization.
      4) Expansion.
      5) Molars uprighting.
      6) Derotation.
      7) Incisors proclination.
    - **D)** Bracket variation (invert & switch)
- **Space management.**
- **Crowding .**
- **RME / MARPE/ SARPE.**
- **Scissor bite & cross bite management.**

Workshop

- **Orthodontic instrument Demo.**
- **Orthodontic materials Demo.**
- **space analysis.**
- **Case club (Sever Crowding Case).**
- **Hyrax Demo.**
- **Hyrax & MARPE protocol.**
- **Case clube (Sever Maxillary Constriction Case).**

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THIRD WEEK 3

Lectures

- **Fixed Appliances :**
  A) Brackets (types & classification)
  B) Fixed appliance component
  C) Archwire
  D) Elastics
  E) Auxillaries
  F) Brackets bonding (direct & indirect).
  G) Bonding to ceramic crowns.
- **Digital orthodontics.**
- **Aligners & removable appliances.**
- **miniscrews in orthodontics.**
- **single / two step retraction.**

Workshop

- **Brackets & Buttons bonding(on models).**
- **Brackets & Buttons bonding (on pt in clinic).**
- **Removable appliances demo (on model).**
- **Removable appliances demo (on pt in clinic).**
- **Derotation technique**
  - (Lacing technique).
- **Case club (Case With Multiple Spaces).**

MINISCREW DAY

- **Insertion of 15 miniscrews (on model).**
- **insertion of miniscrews (on pt in clinic).**
- **Hybride appliance demo (on models).**
- **Case club (Skeletal Anterior open bite case).**
- **Scanning for digital orthodontics using scanner (on pt in clinic).**
- **Case club (Case Design For Digtal Hybride).**

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Fourth WEEK 4

Lectures

- Timing for orthopedic treatment.
- Management of sk cl 11 in mixed dentition.
- Camouflage treatment of sk cl 11 & Sk Gummy Smile.
- Management of sk cl 111 in mixed dentiton.
- Camouflage treatment of sk cl 111.
- 13 Nonskeletal Problems In mixed dentition.

Workshop

ORTHOPEDIC DAY

- Maturity indicators tracing (CVM & Handwrist).
- Twinblock bite registration (on pt in clinic).
- Twinblock set up (on pt in clinic).
- Headgears set up (on pt in clinic).
- Face mask set up (on pt in clinic).
- chin cap therapy (on pt in clinic).
- Hyrax appliance (on pt in clinic).
- ALTRAMEC Technique demo (on pt in clinic).
- Case club (Sk cl 11 Low Mp).
- Case club (Sk cl 11 High Mp).
- Case club (Sk cl 111 Low Mp).
- Case club (Sk cl 111 High Mp).

FIVITH WEEK 5

Lectures

- Management of cl1 malocclusion :
  - a) cl1 with severe crowding
  - b) cl1 with moderate crowding
  - c) cl1 with bimaxillary proclination
- Orthodontic role in multi-discreplinary dentistry.
- Impacted teeth in Orthodontics.
- Management of Vertical Discrepancy.

Workshop

Case Club Discusion Day

- **Full day discusion for 30 + orthodontic cases including**
  - **a)** Diagnosis
  - **b)** Treatment plan
  - **c)** Biomechanics
  - **d)** Steps of treatment
  - **e)** Sequences of arch wires

It is allowed for every participient to discuss 3 privat orthodontic cases in the case club day

SIX WEEK 6

Lectures

- Posterior space closure.
- Anterior space closure.
- Molar uprighting.
- Orthoperio - combined treatment
- Challenges in orthodontic finishing.
  - a) rotation problems.
  - b) tipping problems.
  - c) bracket prescription variation.
- Retention protocol.
- removable Vs. fixed retainer.
- Retreatment after orthodontic failure.

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SIX WEEK 6

Workshop

WIRE BENDING DAY

- T loop arch wire.
- V bend.
- protraction arch.
- power arm & molar arm.
- reverse curve.
- uprighting spring.
- bachman power set.
- first order bend.
- second order bend.
- third order bend.
- individual & segmented torque.
- Big step arch wire (gingival , occlusal & facial)
  - Z bend
  - Ballesta loop
  - Sliding jig
  - Multiloop arch wire

Author

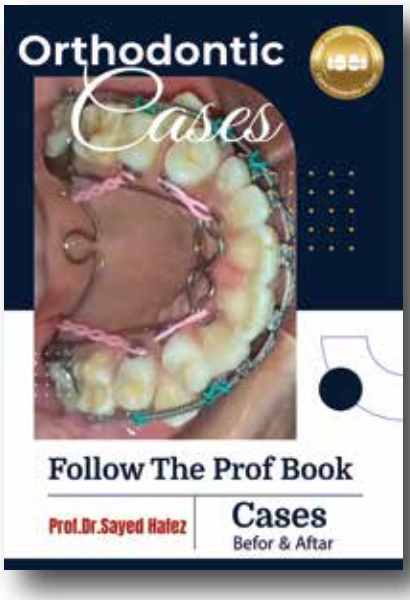
Prof.Dr. Sayed Hafez

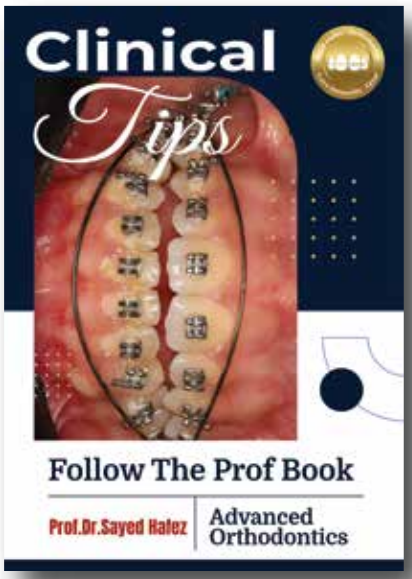


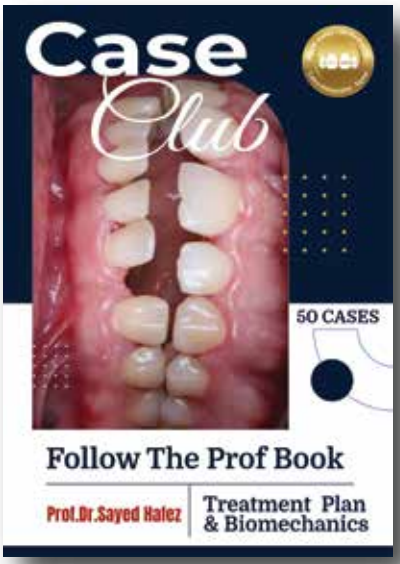
- BDS (cairo university)
- Master degree in orthodontics (cairo university)
- Doctor degree in orthodontics (cairo university)
- A member of World Federation of orthodontic (WFO) in 2000
- A memberof Egyptian Orthodontic Sociery
- He is a professor of orthodontics at faculty of oral & dental medicien , cairo university
- He is the chairman of ODEX orthodontic conferance , EGYPT
- Prof Sayed Hafez his practice limited to orthodontics & orthodontic / orthognathic combination cases

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THE PROF BOOKS










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Prof.Dr. Sayed Hafez

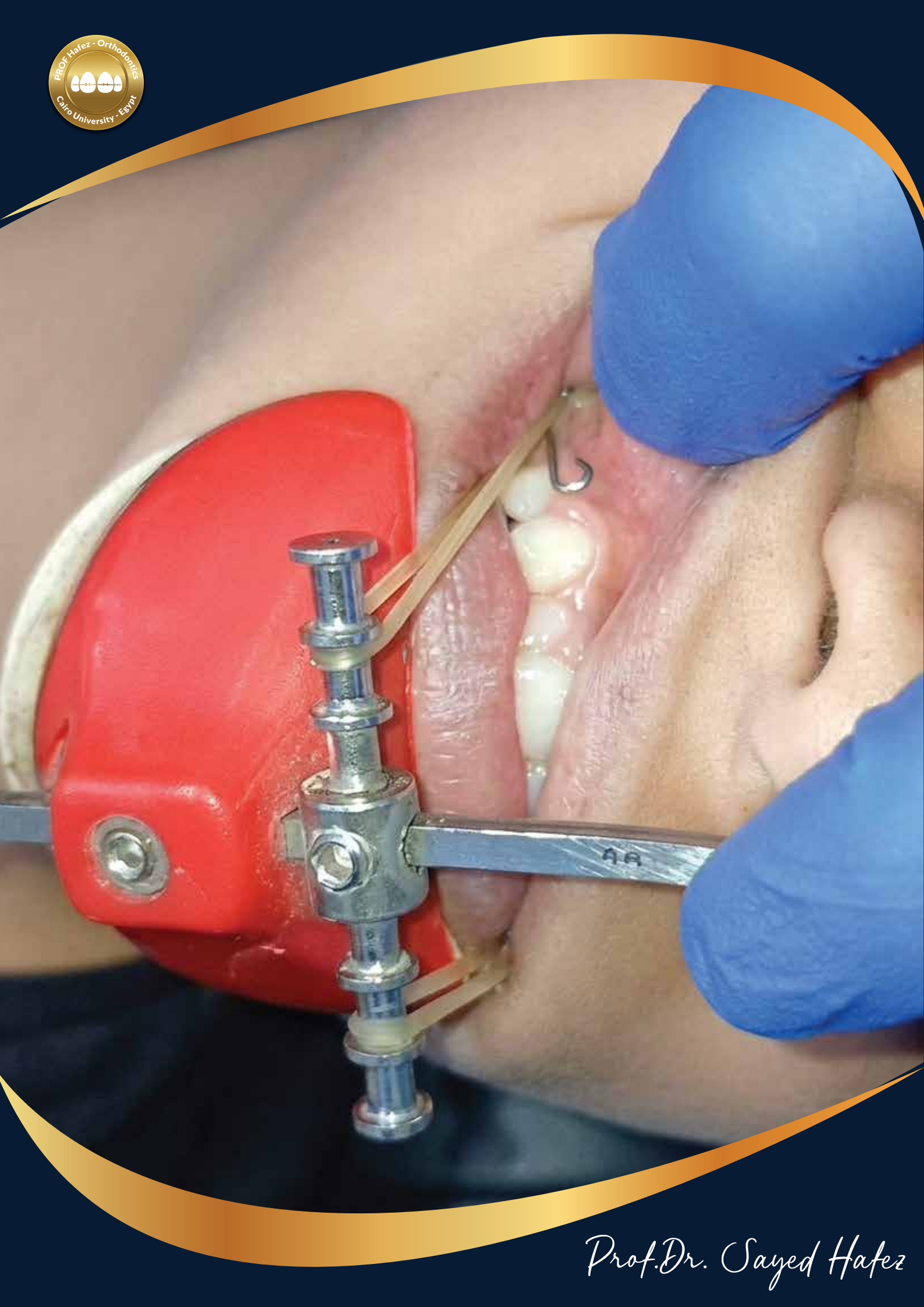

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