



ACADEMY OF FIXED ORTHODONTICS

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LEVEL I & II 5 DAY COURSE - SYLLABUS

Duration – 5 Days

Timing – 10.00 am to 5.00 pm each day

STRAIGHT WIRE ORTHODONTICS DEMYSTIFIED

(Indicative only, the course content may be modified at the discretion of AFO Faculty)

Benefits of our courses

1. Course Manual (A handbook - spoon feeding for the beginner)
2. DVD with Lecture and Practice Videos - You can revise the subject anytime you want
3. 5 years free post course mentoring and 10mts discussion time for all your cases
4. Access to clinical photographs, patient searchable databases and Course videos online. Click on link below to see a sample
<http://www.youtube.com/watch?v=LWQaolQdHT0>
5. Access to free Cephalometric Software
6. Courses for everyone at every stage of practice (budget) - Start from Level I and go up to Lingual

Topics

Day 1

Introduction

Growth & Development

Biomechanics

1. Demonstration of Petit Face Mask

2. Demonstration of Hyrex
3. Demonstration of Preorthodontic Trainer

Clinical Examination, Diagnosis & Treatment Planning

1. Cast Analysis – Using the Cast Analysis Form (Participants to bring their patient cast if available)
2. Cephalometrics – Practical's in Ceph Tracing (Participants to bring their patient radiograph if available)
3. Photography in Orthodontics (Participants to bring their patient photographs)
4. AFO case presentation Template Explained

Day 2

Space gaining (Extractions and non-Extraction methods)

Orthodontic wires – Demonstration of Wires

Preadjusted Edgewise Appliance (Straight Wire) and the MBT System

Elastics in Orthodontics - Demonstration

Anchorage Control

Mechanotherapy

Retention and Relapse

Armamentarium

Banding and Bonding

Hands-on Typodont -

1. Placing Separators – Modules
2. Banding on Typodont with Preformed Bands with Tube
3. Bonding
4. Bonding Lingual Button

Day 3

Handson Course continued

4. Placing Lacebacks
5. Placing Upper and Lower Niti 012 Wire - Sizing, Heating
6. Placing Elastic Ligatures
7. Placing Bendback
8. Lingual Rotation Tie
9. Removing Elastic Ligature
10. Removing Upper and Lower 012 NiTi wire

11. Repeat steps 6 to 9 with Upper and Lower 014 NiTi
12. Repeat steps 6 to 9 with Upper and Lower 016 NiTi
13. Placing Upper and Lower 018 SS
14. Placing Canine to Canine Power chain – Long, Medium, Continuous
15. Removing Power Chain
16. Removing archwire and then Remove the Laceback
17. Placing Open Coil Spring
18. Placing SS Ligature wire
19. Placing Reverse Curve Niti – 17 x 25
20. Placing Upper and Lower 19 x 25 NiTi wire, Sizing, Heating, Ligating
21. Phase II – Overbite correction – Rocking Chair Bends (Sweep) in Deepbite,
Demo of Openbite correction
22. Placing Figure of “8” on anteriors
23. Placing Posterior Figure of “8”
24. Making Individualized Archform on 19 x 25 SS
25. Placing Rectangular 19 x 25 SS Wire
26. Placing Crimpable Hook
27. Placing Passive and Active Tiebacks, Elastics, Closed Coil NiTi
28. Finishing - Placing 016 NiTi and Vertical Elastics
29. Debonding and Debanding – Demo on a premolars and Upper molar
30. Demonstration of Thermal NiTi
31. Demonstration of Jones Jig on Cast
32. Demonstration of Headgear

Day 4

Biomechanics of Wire bending within PEA – Why?

Practicals - Basic Wire Bending

Functional Appliance

Twin Block

Day 5

Biomechanics of Wire bending within PEA II – Leveling and Aligning

V bends / Stops

In out

Offsets

Cantilever Spring

Demonstration of Turret for making archform

Bypass Arches – Intrusion Arch (Various Types)

Biomechanics of Wire bending within PEA II –Space Closing

Space closing loops

T loops

Torquing

Placing Finishing Bends 014 SS

Interceptive Orthodontics

Realistic Treatment Philosophy™ – Case Discussion

Open Session

INSTRUMENT & MATERIAL LIST FOR AFO LEVEL I & II 5 DAYS COURSE – All participants will be provided with the materials and instruments needed for the course and it should be returned to AFO in good condition after the course. However, you can bring the following if you already have patients lined up to start after the course –

Good Lateral Cephalogram of an orthodontic patient

A good Maxillary and Mandibular cast of an orthodontic case (all teeth must be present)