ACADEMY OF FIXED ORTHODONTICS (AFO)
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6 Days Fellowship Course

Duration – 6 Days
Timing – 10.00 am to 5.00 pm each day

Syllabus

Actual time for each maybe more or less depending on feedback / discussion and other incidental factors. Modules may be advanced or postponed depending on the time available each day, after the practical session (which may take more time than planned). Patients can be planned in the evening after Day 4 and can extend to Day 8.

Topics

LEVEL I (of earlier format)

Day 1

Introduction
Growth & Development
Biomechanics
Clinical Examination, Diagnosis & Treatment Planning

1. Cast Analysis – Using the Cast Analysis Form
2. Cephalometrics – Practicals in Ceph Tracing
3. Photography in Orthodontics
4. AFO case presentation Template Explained

Day 2

Space gaining (Extractions and non Extraction methods)
Orthodontic wires
Armamentarium
Preadjusted Edgewise Appliance (Straight Wire) and the MBT System
Anchorage Control
Mechanotherapy
Retention and Relapse
Banding and Bonding
Hands-on Typodont -

1. Placing Separators – Modules, Springs, Brass
2. Banding on Typodont with Preformed Bands with Tube

3. Welding Lingual Sheath
4. Bonding

Day 3

Handson Course continued

1. Placing Lacebacks
2. Placing Upper Niti 012 Wire - Sizing, Heating
3. Placing Elastic Ligatures
4. Placing Bendback
5. Placing Lingual Button and Lingual Cleat / Eruption Appliance
6. Smiths Rotation Tie
7. Placing Lower 19 x 25 NiTi wire
8. Removing Elastic Ligature
9. Removing Upper 012 NiTi wire
10. Placing Open Coil Spring on Upper 018 SS
11. Placing SS Ligature wire
12. Placing Canine to Canine Echain in Upper
13. Remove Upper 018
14. Placing TPA on typodont
15. Placing Figure of "8" on anteriors – On upper arch
16. Making Individualized Archform on 19 x 25 SS
17. Placing Rectangular 19 x 25 SS Wire on upper
18. Placing Rocking Chair Bends (Sweeps)
19. Placing Crimpable Hook
20. Placing Active Tiebacks, Elastics, Power Chain, Closed Coil NiTi
21. Debonding and Debanding – Demo on a premolars and Upper molar
22. Bonding buccal tube (Upper Molar)
23. Forming canine band with 004 band material on cast
24. Forming Upper molar Bands with Welded Lingual Sheath on Cast
25. Soldering Palatal Arches
26. Demonstration of Thermal NiTi
27. Demonstration of Jones Jig on Cast
28. Demonstration of Headgear
29. Demonstration of Petit Face Mask

LEVEL II and III (earlier format)

Day 4

Biomechanics of Wire bending within PEA – Why?
Practicals - Basic Wire Bending – Straight, Circle, Square
Functional Appliance
Twin Block
Bite registration
Making Adam's Clasp and Ball end clasp with Labial Bow on Cast

Demonstration of Acrylisation of 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)

Day 6
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™
Mini Screw Implants (Handson)
Self Ligating Brackets Demonstration
Certificate Distribution

INSTRUMENT & MATERIALS for the course will be provided by AFO. You can select patients and bring their photographs, cast and Ceph.