LEVEL II COURSE

Duration – 5 Days
Timing – 10.00 am to 5.00 pm each day

STRAIGHT WIRE ORTHODONTICS DEMYSTIFIED

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=LWQao1QdHT0
5. Access to free Online Ceph
6. Courses for everyone at every stage of practice (budget) - Start from Level I and go upto Lingual

Topics

Day 1

Introduction
Growth & Development
Biomechanics

1. Demonstration of Petit Face Mask
2. Demonstration of Hyrax
3. Demonstration of Preorthodontic Trainer
Clinical Examination, Diagnosis & Treatment Planning

1. Cast Analysis – Using the Cast Analysis Form (Participants to bring patient 1 cast, divider, measuring scale)
2. Cephalometrics – Practicals in Ceph Tracing (Participants to bring patient Lateral Ceph, protractor, measuring scale)
3. Photography in Orthodontics
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. Welding Lingual Sheath
4. Bonding
5. Placing 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. Placing Eruption Appliance
9. Lingual Rotation Tie
10. Removing Elastic Ligature
11. Removing Upper and Lower 012 NiTi wire
12. Repeat steps 2 to 8 with Upper and Lower 014 NiTi
13. Repeat steps 2 to 8 with Upper and Lower 016 NiTi
14. Placing Upper and Lower 018 SS
15. Placing Canine to Canine Power chain – Long, Medium, Continuous
16. Removing Power Chain
17. Removing wire and then Remove the Laceback
18. Placing Open Coil Spring
19. Placing SS Ligature wire
20. Placing Reverse Curve Niti – 17 x 25
22. Phase II – Overbite correction – Rocking Chair Bends (Sweep) in Deepbite, Demo of Openbite correction
23. Placing TPA on typodont
24. Placing Figure of “8” on anterior
25. Placing Posterior Figure of “8”
26. Making Individualized Archform on 19 x 25 SS
27. Placing Rectangular 19 x 25 SS Wire
28. Placing Crimpable Hook
29. Placing Active Tiebacks, Elastics, Power Chain, Closed Coil NiTi
30. Finishing - Placing 016 NiTi, Passive tieback and Vertical Elastics
31. Debonding and Debanding – Demo on a premolars and Upper molar
32. Bonding buccal tube (Upper Molar)
33. Forming canine band with 004 band material on cast
34. Forming Upper molar Bands with Welded Lingual Sheath on Cast
35. Soldering Palatal Arches
36. Demonstration of Thermal NiTi
37. Demonstration of Jones Jig on Cast
38. Demonstration of Headgear

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)
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 II 5 DAYS COURSE
(All participants will have to bring these for the course)

**Banding:**
- Separating pliers – 1 nos
- Elastic Separating module – 8 nos
- 26 SWG Brass wire – 2 inch piece – 4 nos
- NiTi Separators – 2
- Band cutting scissors – 1 nos
- How’s plier Curved – 1 nos
- Mershon Band pusher – 1 nos
- Bands – 0.005 and 0.004 band material 2 inch length – 4 nos each
- Prewelded Bands with Buccal Tube – 0.022, MBT, Upper Double, Lower Single – 1 patient kit (The organizers will provide 1 set with size according to the molars size on Typodont)
- Bondable buccal tube (Upper Double) – Left and Right

**Bonding**
- Bracket holding tweezers – 1 nos
- Super Glue – 2 nos
- Boone’s Gauge or Bracket Height Gauge – 1 nos
- MBT 0.022 Bracket Kit (5 – 5), with 3.4.5 hook – 1 patient Kit

**Debonding**
- Bracket Removing pliers – 1 nos
- Posterior Band removing pliers – 1 nos
- Explorer – 1 nos

**Wirebending**
- Glass Marker Pencil Yellow – 1 nos
- Light wire / Begg’s / Long Nose pliers – 1 nos
- Mosquito (Straight / Curved – 5 inch size) – 1 nos
- Pin & Ligature cutter – 1 nos
- Heavy Wire Cutters – 1 nos
- Crimpable Hook placement pliers – 1 nos

**Wires & Elastics**
- NiTi Wires (Preformed)
  - Round 0.012, O14, 016 (Ovoid) Upper and Lower – 2 nos
- Rectangular 0.019 x 0.025 (Ovoid) Upper and Lower – 2 nos
Stainless Steel Wire (Preformed) – 0.018 round (Ovoid) Upper and Lower – 2 nos
  - Rectangular 0.019 x 0.025(Ovoid) Upper and Lower – 2 nos
  - Round 0.014 SS Ovoid , Upper and Lower – 2 nos
Thermal NiTi – 0.016 ovoid upper
Elastomeric Ligatures Ties (Styx Ligature)- 4 Sticks
Power chain- closed (Continuous, Short and Long) – 4 inch piece – 2 nos each
0.010 SS Ligature Wire – 15 piece of 5 inch length
Elastics – Yellow (5 x 16” – 2 oz), Green (5 x 16” – 3.5oz), Red – 8 nos each
NiTi open coil 1 inch piece – 2 nos
NiTi closed coil springs– 2 nos
Bondable Lingual Button – 2 nos
Crimpable Hooks 0.019 x 0.025 – 4 nos
Trans Palatal Arches – Mesial 45mm for Typodont 1 nos and TPA for Patient cast-1 nos
Lingual Sheath for Palatal Bar, Weldable – 2 nos (sized to the Typodont)
Lingual cleat / Eruption Appliance

TYPODONT – 1 nos

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