Module 2 – New Frontier
June 1 – 10, 2016

Classical and Contemporary Approach of Class I, II,III (and guest speaker)

THEORETICAL TREATMENT DESIGNS

1- Cephalometric characteristics / Extraction and Non Extraction cases
2- Identifying Difficulties
3-Designing a Treatment Plan for all Skeletal Variables
4- Focus on: Class I Cases with Class II Tendency (Brachy and Dolichos).
5- Biprotrusion (When to perform extractions)

- Class II div 1 and 2 treatment options

1-Cephalometric characteristics / Extractions and Non Extractions cases
2-Growing and Non-growing cases.
3-Identifying Difficulties
4-Designing a Treatment Plan for All Skeletal Variables
5-Class II elastics: When and How to Apply.
6-Distalize the Upper or Mesialize the Lower? Distalization Systems
7-TADs: Mini Screws for Class II cases.

Introduction to Evidence based research in Bioprogressive Technique (The Bioprogressive research portal)

Class III treatment (Non Surgical cases):
Principles of MEAW technique and its integration to Bioprogressive Philosophy
Etiology
Ontogenesis
Treatment for High Angle cases
Treatment for Low Angle Cases

Open Bites:
Open Bites and Class III Cases Similarities
Bioprogressive Arches to Fix Mild Cases
Principles of MEAW Technique for Hard Cases
Finishing and Detailing

Asymmetries:
How to Design and Conduct Arches for Asymmetrical

Introduction to 3D Diagnosis and Treatment Planning in Complicated Cases

TYPODONT

Class II Div 1 Typodont – FULL TREATMENT
Class I with four bicuspids extractions – FULL TREATMENT

1- Wires Alloys (Blue Elgiloy, NiTi Alloys, Stainless Steel, TMA and New Alloys)
2- Upper and Lower Retraction Utility Arches.
3- Upper Contraction Arch, Bench style.
4- Retraction / Leveling Sectionals.
5- Use of different types of elastics
6- Ideal / Finishing arches

7- Bioprogressive Step Down Arch (Squeeze Arch)
8- MEAW Arches for Class IIIs, Class IIs and Asymmetries.
GUM metal Alloy

Guest Speakers: To be determined.

BRING YOUR OWN CASES FOR DISCUSSION

Material needed:

- Tracing paper (at least 10 sheets)
- Template (Protractor) Ricketts style.
- Pencil 0,5mm / Eraser / Transparent Tape
- Transparency paper /
- UltraThin (Max 0,5mm) Permanent Marker Red
- Magic Tape

Necessary instruments needed:

- Marking Pen / Pencil
- Nance Step Plier
- Omega Loop Plier (this is NOT an optical plier)
- Three Prong Plier
- De La Rosa Arch Contouring Plier
- Bird Beak or Weingardt Plier
- Arch Marking Pen / Pencil
- Light and Heavy Wire Cutter
- Distal End Cutter
- Bracket gauge positioner
- Ligature Mathieu
- Mirror
- Explorer
- Scaler
- Brackets Tweezers
- Cotton Tweezer

Material provided by RMO on Module :

- Printed Lateral Cephs for Interpreting and Learning
- Printed Cephalograms
- Acrylic and Wax Typodonts. Wilson 3D Quad-Helix
- Brackets
- Bands and Tubes
- Blue Elgiloy .016x.016” wire
- Headgear

Manufacturers suggestion: RMO I00101 or I00001 (Nance), I00350 (Omega Loop), RMO I00200 (Three Prong) RMO I00556 (Weingardt), Orthopli PL63 (De La Rosa).