

IAT format Curriculum

Module A:

Diagnose & Treatment Plan Your Bread & Butter Cases Properly

Module A teaches you the core orthodontic principles, limitations, and analyzing skills to ensure that you are successful on every case that you start. Regardless of your background, you will understand how to select good initial cases, analyze your records, and design a detailed treatment plan for them.

You will practice providing consultations since patients will want to know—how much is treatment, how long will it take, and what are the next steps. Module A is equivalent to Seminars 1-2 in the Live Series format. Become confident to analyze and discuss your cases immediately when you go back to the office.

Hands-On Exercises:

- Set up 10 instructional cases. These will be like the bread and butter cases that you will soon start on your own. On these cases you will:
 - Classify and diagnose
 - Process digital records
 - Analyze (computer cephalometric tracing, model measuring, VTO tool)
 - Create individualized treatment plans
- Role play the first and second consultation
- Take intraoral and extraoral photos for proper orthodontic records

Lecture Highlights:

- Clinical Evaluation & Selecting the Right Cases for Success
- Setting Goals, Objectives, & Limitations
- McGann Lateral and Frontal Cephalometric Analysis
- Model Measuring with Your Computer
- Dental VTO (Visual Treatment Objective) Tool to Support the Treatment Decision
- Creating Individualized Treatment Plans
- Non-Extraction and Bicuspid Extraction Treatment Options
- Set Up Your Practice to be Efficient and Profitable
- Timing and Start of Orthodontic Treatment

Prior Tasks to Complete:

- There is no required homework. However, we encourage you to get familiar with the online materials. Any prior review reduces your studying after.
- You are also encouraged to look for patients and bring in records if you feel ready.

What to Bring with you:

- Laptop (with IPSoft™ installed)
- Patient impressions, models or photos (recommended, for potential cases that you want the “ok” to take orthodontic records on)
- Camera, mirrors and retractors (optional)

Now you can:

Discuss and diagnose your easier orthodontic cases. You can also start earning orthodontic revenue!

Looking forward to See you in Module A, and feel free to contact me for any questions



Best Regards,

Dr. Sarmad N Yassen

MPSD-Middle East IAT Program Instructor

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Module 1:

Start Treating Cases & Understanding the Full Process

After having a brief review of what was covered in Module A, you will learn the mechanics to treat your bread and butter orthodontic cases. Module 1 is equivalent to Seminars 3-4 in the Live Series format.

Students will learn how brackets, torque, and common orthodontic appliances work and the stages of orthodontics in more detail. We will now reveal the treatment given to the 10 practice cases that you have been working on. We are sharing every detail in these cases, so you can understand how the principles you see apply to your own patients.

Hands-On Exercises:

- Analysis (cephalometric tracing, model measuring, VTO) review
- Size bands
- Bond brackets (metal and ceramic)
- Place separators
- Wire tie-ins
- Full computer diagnosis and treatment planning a case

Lecture Highlights:

- Bracket Variations Used to Minimize Wire Bending
- Computer Design of IP Appliance®
- Single Patient Ordering with Minimum Inventory
- Range of Brackets Torque (RBT) for Predictable Incisor Positioning
- Wire Progression & Selecting the Correct Arch Wire and Shape
- The Alignment Stage, Tie-In Techniques & Your First Year in Ortho
- Basic Mixed Dentition Diagnosis and Treatment Planning
- Extra-Oral Force Theory & Application (Cervical & Reverse-Pull Headgear)
- Edit World-Class Treatment Plans for Your Individual Patients
- Elastics and Coils for Force Application & TPAs, RPEs, and Lingual Arches
- Cephalometric Overlay to Evaluate Treatment Results and Growth

Prior Tasks to Complete:

- About 100 hours of online study
- First consultations and taking records with your own patients

What to Bring with you:

- Laptop
- Educational Kit
- Spatula and mixing pad
- Mosquito hemostat
- Arch marking pencil or Sharpie
- Scalers
- Bonding light
- 5 of your own cases classified within IPSof (recommended)

Now you can:

Start treating orthodontic patients! You will also understand the treatment plan for your bread and butter cases.

Looking forward to See you in Module 1, and feel free to contact me for any questions



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Module 2:

Expand the Range of Your Orthodontic Capabilities

This module will shift more into diagnosis, treatment planning, and the actual treatment of the cases you will see. You will work with slightly more difficult cases and material to expand the range and efficiency of your capabilities.

Module 2 is equivalent to Seminars 5-8 in the Live Series format. You will learn new principles in greater depth, including those in mixed dentition, Class III, impactions, finishing, and asymmetry. Gain more understanding of the best appliance for each treatment. Become proficient with TPAs, T-loops, finishing bends, niti closed coils, RPE, and Class II mechanics.

Hands-On Exercises:

- Fabricate and activate TPAs
- Practice finishing bends
- Cervical headgear, utility arches, advancing arches, and niti closed coil activations
- Diagnose and Edit a Customized Treatment Plan for 4 Cases

Lecture Highlights:

- Introduction to Dentofacial Orthodontics and Multiple Option Consultation
- Identifying Skeletal Resistance and What This Means to Treatment
- Anchorage Planning with Technology for Consistent Finishes
- Management of Class III and Class III Tendency Cases
- Growth in Class II Cases & Treatment of Deep Bite Cases
- Diagnosing and Treating Impacted Teeth
- Mixed Dentition Treatment Plan
- When Extraction of Molars or Lateral Incisors May Be the Best Treatment
- Predicting and Treating Incisor Advancement and Protrusion
- Management of Protrusive Growing and Non-Growing Cases
- Add Growth to Computer Predictions to Diagnose at the Top of the Profession
- Establish a System to Diagnose and Treat Asymmetric Cases
- Labial Cortical Bone Remodeling for More Non-Extraction Treatments

Prior Tasks to Complete:

- About 100 hours of online study

What to Bring with you:

- Laptop
- Educational Kit
- Arch marking pencil or Sharpie
- Scalers
- Cases you want to start for instructor diagnosis (recommended)
- Questions from your experience working with your cases

Now you can:

Understand Class II and Class III patients with better diagnostic knowledge and treatment tools. Apply new tools like TPAs and growth management skills to help your young patients. Diagnose and treat cases with moderate severity, including some cases with asymmetry and biprotrusion, and use patients' growth with more confidence.

Looking forward to See you in Module 2, and feel free to contact me for any questions



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Module 3:

Use Orthodontics with Other Disciplines to Your Advantage

You will gain new tools to open up a world of orthodontic capabilities not possible a decade ago. You can now use techniques like skeletal anchorage to diagnose the vertical dimension, allowing you to have predictable results with your deep bite and gummy smile patients.

Improve the prognosis and health of all your patients as you explore how orthodontic principles can be an integral part of your GP practice. Whether or not you decide to treat patients who need multidisciplinary treatment or surgery, it's important to learn the proper diagnostic technique and how to discuss the case with your team and patients. This is a rewarding module, since you will be able to make a significant difference for many patients after this class.

Module 3 is equivalent to Seminars 9-12 in the Live Series format. This is the end of your 'basic orthodontic series'. After your extensive studying, this program will probably be one of the most challenging experiences of your career. But hopefully it will cultivate one of the most rewarding parts of your dental practice.

Hands-On Exercises:

- Practice skeletal anchorage techniques on a skull model: place bone plates, pins, wires, and coils in the proper position and direction
- Activate warren springs
- Present two of your own orthodontic cases
- Diagnose and treatment plan multidisciplinary cases and severe Class II and III cases

Lecture Highlights:

- Dentofacial Orthodontics: Do More Than 'Just' Straighten Teeth
- Skeletal Anchorage and Surgical Application for Easier and More Effective Ortho
- Bone Plates versus Ortho Anchors (TADs) with Mechanics for Each
- Deep Bite, Gingival Display and Occlusal Plane Cants are No Longer a Problem!
- Maximal Retraction Is No Longer an Issue
- Severe Midline Correction with Skeletal Anchorage
- Management of Severe Impactions
- Coordinating with the Maxillofacial Surgeon, Periodontist, or Do It Yourself

- Managing Growth and Severe Skeletal Issues in Class II Cases
- Severe Skeletal Class III Cases & Lower Retraction with Bone Remodeling
- Surgical VTO Predictions, Treatment Plans, & Working with the Surgeon
- Improving the Prognosis of Periodontal and TMD Cases with Orthodontics
- Building Ridges with Orthodontics before Implant Placement
- Corticotomies to Overcome Skeletal Resistance and Extend the Movement

Prior Tasks to Complete:

- About 100 hours of online study
- Final examination, covering over 1000 orthodontic principles
- Powerpoint presentations of your 2 cases

What to Bring with you:

- Laptop
- Educational Kit
- 2 of your own cases to present

Now you can:

Manage complex cases, understand multiple dimensions of orthodontics and avoid the common issues within the specialty. You may now help patients that have gummy smile, deep bite, or need a multidisciplinary treatment plan. You now can represent yourself and POS well with a high level of orthodontic knowledge.

Looking forward to See you in Module 3, and feel free to contact me for any questions



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