Intermediate Course

Agreed provisionally that course would be based around one fixed appliance and one functional appliance.

Expansion Screws

Lecture on all the different types explaining clinical situations for each type especially the more complicated types e.g. three dimensional/micro screws for anterior movement etc

Instructor Practical demonstration

1. Selecting the correct size screw for the model
2. Positioning the screw correctly
3. Sectioning the acrylic
4. Activation of appliance

Student Practical

Construction of a simple Hawley retainer with a 3-D expansion screw

Functional Appliance- MOA Appliance

Lecture on the most popular functional appliances and clinical applications

Instructor Practical demonstration

1. Constructing wire components
2. Application of acrylic & techniques used
3. Trimming the appliance
4. Appliance Adjustments & versatility (especially with the MOA appliance)

Student Practical

Construction of MOA appliance

Rapid Expansion Screws

Lecture on the full range and how to choose the correct size for differing clinical situations, advantages of spring activated and telescopic guides. Solder types? Soldering techniques?

Instructor Practical Demonstration

1. Positioning of screw to model
2. Adapting arms to model
3. Demo of soldering techniques to weld screw arms to bands

Student Practical

Construction of rapid expansion appliance, including the soldering of arms to bands