



## Lab course - Introductory

Eastman Dental School

2 days

Trainers – Ed Payne (Eastman), FTTA Ortho consultant (Eastman)

### Content

Construction of all components for simple appliances: Retainers, Cribs, Labial bows, Retraction appliances, midline expansion.

1. Wire
2. Acrylic
3. Basic midline expansion

#### 1. Wire

- a) Theory – Ed Payne/DBO features of Leone Wire
- b) Demonstration and practical wire bending

#### 2. Acrylic

- a) Theory – Ed Payne
- b) Demonstration and Practical work  
Construction of Basic retainer, Bite planes, correct polymerisation using Hydroflasks and Pressure pots, Finishing techniques using burs and Silicone polishers

#### 3. Basic Expansion Screws

- a) Theory (and intro to full Expansion screw range)– Ed Payne and FTTA Orthodontic Consultant
- b) Demonstration and Practical work  
Construction of Basic midline screw appliance

#### 4. Basic Vacuum forming retention

- a) Theory – Ed Payne
- b) Demonstration and Practical  
Construction of Basic Vacuum forming retainer