Dr Fredrik Bergstrand

DDS, Specialist in Orthodontics & Pedodontics

Professional Services Manager to 3M Unitek

Born in Sweden in 1948
DDS 1975 Royal Dental School Karolinska Institute Stockholm
Specialist in Pedodontics 1983 Royal Dental School Karolinska Institute , Huddinge
Specialist in Orthodontics 1986 Eastman Institute, Stockholm

Dr. Bergstrand is currently part time in private practise in Stockholm Sweden, visiting professor at USC, Los Angeles, USA and Professional Services Manager at 3M Unitek.
Has done extensive lecturing in Europe,Middle East,Asia, USA and Australia/NZ.
Has been into private practise in Stockholm working with the MBT appliance
Has been involved with new product developments within 3M Unitek R& D
Has taken a special interest in Orthodontic Materials and Procedures

Publications include formation and prevention of enamel decalcifications, temporary anchorage devices and evaluation of bonding materials. Current research interests focus on the clinical application of modern bonding materials and prevention of white spot formations and low force appliances.

Dr Bergstrand is a member of
The European Orthodontic Society
The British Orthodontic Society
The Swedish Orthodontic Society
The World Federation of Orthodontics
The American Association of Orthodontists
International Association of Dental Research IADR

Topics of lectures and seminars by Fredrik Bergstrand

1. **State of the Art in Orthodontic Bonding .** (1 hour to 1 day Seminar a thorough introduction to materials and techniques in Orthodontic Bonding. 2hrs to a full day Seminar (can include hands on & typodont)

    1. Evolution of bonding materials
    2. Current Light Technologies 1 hr
    3. Self Etching Primers 1hr
    4. APC Technology in Orthodontic Practise 1-2 hrs
    5. Bonding to non-enamel substances 1hr
    6. Basics of Indirect Bonding 1 hr

2. **Self- Ligation Brackets , Friction or Fiction** (1-2hrs**)**

3. **Smart Clip Bracket System** 1-2 hrs

4. **Orthodontic Arch Wires** 1-2 hrs

5. **Class II correction with a non compliance approach** 1-2hrs

6. **Future in Orthodontics; A short term and long term perspective** 1-2hrs
    1. 3D Technology
    2. Materials
    3. TAD and other skeletal anchorage technologies
    4. Low Force Apliaances

7. **White Spots; Incidence, Prevention and Treatment** 1-3hrs

8. **Evaluating Product Claims** 30min- 1hrs

9. **MIA –System** 45 min
    Installation of Palatal Bar and Quad Helix at chairside

10. **Aesthetic materials in Orthodontics.** 1hr

11. **Allergy reactions to composite materials used in Orthodontics.** 30 min

12. **Introduction to the MBT Philosophy** (1hr to 1 day)
    1. Historical background 1hr
    2. Hardware components 1hr
    3. Bracket placement & Bonding Techniques 1-2 hrs
    4. Treatment stages: Lace-back,Tie-back & Sliding mech. 1hrs

For Orthodontic Nurses/Auxiliaries/Assistants and CE certification

1. **Orthodontic Bonding** – a thorough introduction to materials and techniques in Orthodontic Bonding. 2hrs to a full day course (can include hands on & typodont)

Any combination of all these topics could be tailored to suite a specific need