

**'BOGGED DOWN WITH THE BIOFILM?'**  
**Clinical Skills Laboratory, Level 7**  
**Derriford Hospital, Plymouth**  
**Monday 29<sup>TH</sup> November 2010**

Course Tutors  
Alison Grant, Tutor Dental Hygienist  
Jenny Hall, Tutor Dental Hygienist

Course Overview:

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|-------|---|
| 09.00 | Registration  |
| 09.30 | Biofilm – Formation and role in periodontal disease                                       |
| 11.00 | Coffee  |
| 11.15 | Team approach to biofilm disruption – mechanical, chemical and pharmacological management |
| 13.00 | Lunch   |
| 14.00 | Practical Session – RSD procedure<br>Ultrasonic Instrumentation                           |
| 15.15 | Hand Instrumentation  |
| 16.15 | Discussion & Evaluation   |
| 16.30 | Close   |

Aim: This course aims to shed light on the latest buzz word 'biofilm' and its role in periodontal disease. It will provide an update on current management and practical treatment of more advanced periodontal patients. Root surface debridement with ultrasonic and hand instruments will be covered.

Objectives:

- By the end of the session the participants will be able to:
1. Understand the formation of biofilm in the oral cavity
  2. Describe the role of the biofilm in periodontal disease.
  3. Explain methods of mechanical, chemical and pharmacological biofilm disruption in the management of periodontal disease.
  4. Confidently use subgingival hand instruments and update knowledge of ultrasonic scalers currently available.