



Peninsula Dental Social Enterprise (PDSE)

Handpieces Care and Sterilisation Policy

Truro DEF

Version 2.0

Date approved: November 2016

Approved by: The Board

Review due: November 2019

Policy will be updated as required in response to a change in national policy or evidence-based guideline.

Contents

Section	Topic	Page No
1	Personal Protective Equipment Required	3
2	Protocol	3

The Dental Education Facility Protocol on the care and sterilisation of dental handpieces

1. Personal Protective Equipment Required

1.1 Full PPE is to be worn for these procedures

- Clinical clothing
- Plastic apron
- Eye protection
- Gloves
- Mask

2. Protocol

- Clean hand pieces are located on the instrument trolleys, between Bays and the clean store. They should be collected prior to the patient's appointment.

2.1 Clinical Bay

At the end of the patient's appointment:

- All hand pieces are to be flushed through for 1 minute with the bur in situ.
- All hand pieces are to be placed in the 'really useful boxes' marked 'For Contaminated Dental Instruments Only' and placed in the 'red' decontamination trolley ready for collection by a member of the decontamination team.

2.2 Dirty Decontamination

- A member of the decontamination team will ensure the following;

All hand pieces are to be removed from the contaminated instrument boxes and placed in the hand piece holder in the Washer/Disinfector (W/D). The hand pieces should not be oiled before placing them in the W/D.

2.3 Clean Decontamination

- There are two Assistina 301 Plus Lubricating and Maintenance Units in the DEF; one for high speed hand pieces and the other for slow speed.

- Check that there is sufficient oil and cleaning fluid in the Assistina 301 Plus lubricating and maintenance unit. Both fluid levels are shown on the front of the machine. If these are low, top up the relevant chambers (white – oil, green – cleaning fluid) at the back of the machine using the funnels provided with the solutions. Care should be taken not to mix up these fluids.
- Remove the hand pieces from the Washer/Disinfector and place them in the Assistina 301 Plus lubricating and maintenance unit. Activate the machine by depressing the button on the top of the machine for 2 seconds. The cycle should take approximately 35 seconds.
- Once the cycle has stopped, remove the hand pieces, put them in a sterilization pouch and place them in the autoclave.
- Once sterilized all hand pieces are to be stored in the 'Clean Store'.