



NHS TAYSIDE

**PROTOCOL FOR SAFE USE OF
BEDFONT CO MONITORS
(piCO^{simple} and piCO^{baby} Smokerlyzer)**

Protocol Lead	Protocol Group
Andrew Radley	Smoking Coordinators Group

Protocol Established	Protocol Review Period/Expiry	Last Updated
June 2012	July 2020	January 2017

This protocol should be applied to all clinical areas and staff groups who utilise Bedfont CO Monitors

UNCONTROLLED WHEN PRINTED

Protocol Development, Review and Control,

Version Control

Version Number	Purpose/Change	Author	Date
1.0	To provide relevant guidance on the safe use of Bedfont piCO+ and Micro Carbon Monoxide Monitors	E Guild	June 2012
2.0	To provide relevant guidance on the safe use of Bedfont piCO ^{simple} Smokerlyzer	E Guild	January 2015
3.0	To provide relevant guidance on the safe use of Bedfont piCO ^{simple} and piCO ^{baby} Smokerlyzer	E Guild	July 2018

Contents

Page number

1. Purpose	3
2. Equipment	3
3. Procedure	3
4. Disposal and Care Requirements	3

Purpose

This protocol has been developed to protect both NHS Tayside staff and their clients/patients using Bedfont CO Monitors from the potential spread of infection.

Never use alcohol or cleaning products containing alcohol or other organic solvents as these vapours will damage the sensor within the instrument.

While the regular use of CO Monitors presents a relatively low risk to individuals, it is recommended that the following guidance is followed after each individual use in relation to equipment, procedure and disposal (see also System User Guide supplied with monitor).

Equipment

- Detergent wipes (alcohol free)
- Disposable SteriBreath™ mouthpieces (single use only)
- Disposable D-piece for use with SteriBreath™ mouthpieces
- Clinical waste disposal bag or disposable carrier bag

Procedure

1. Washing hands before and after testing is highly recommended for both operator and client/patient as part of a sensible infection control regime.
2. Explain the procedure to client/patient and obtain verbal consent.
3. Fit a single use disposable SteriBreath™ mouthpiece to D-piece handling it towards the covered end (the end that **does not** go into the machine) with thumb and forefinger.
4. Ask the client/patient to hold their breath for 15 seconds click the switch to start the countdown (digital timer appears) pass the monitor to the client/patient.
5. At the end of the countdown (or when no longer able to hold breath) ask the client/patient to blow slowly into the mouthpiece (away from you) aiming to empty lungs.
6. The ppm (parts per million carbon monoxide in air) value will rise and the highest level will hold. Where there is an unexpectedly high result re-check the breath CO.
7. Ask the client/patient to remove the mouthpiece from the disposable D-piece and place in the clinical waste disposal bag (if no clinical waste facility wrap in disposable carrier).
8. Wipe all surfaces of the monitor with a detergent wipe, including the outside of the disposable D-piece and thoroughly dry.
9. Dispose of cleaning materials in the clinical waste disposal bag / disposable carrier before placing in waste bin.

Infection Control and Disposal & Care Requirements

- Replace disposable D-piece after 1 month (or if visibly soiled) and place in a clinical waste disposal bag / disposable carrier before placing in waste bin.
- If the user has a known communicable infection, the disposable D-piece should be replaced immediately.
- Label monitor, indicating when the disposable D-piece was replaced.

CO Monitors should be returned to Elvi Guild, Project Co-ordinator (Smoking), Kings Cross Hospital, Clepington Road, Dundee, DD3 8EA for calibration as and when required

Disposable SteriBreath™ mouthpieces, disposable D-pieces and wipes can be ordered from the Health Promotion Library, Kings Cross Hospital (www.tayhp.com)