

Standard Operating Procedure (SOP)

Autarkic water supply as well as cleaning and disinfection of water lines in medical, dental / oral surgical treatment units according to EN 1717 DIN 1988-100 by means of ALPRO-BCS (BottleCareSystem)



WHAT	WHEN	HOW	BY MEANS OF
ALPRO-BCS, ALPRO MEDICAL	Daily and if necessary	<p>Wear protective gloves, a waterproof apron + protective glasses!</p> <ul style="list-style-type: none"> ➤ Fill the ALPRO-BCS pressure bottles with tap water (according to local drinking water requirements) ➤ and 1 % (15 ml) disinfection solution (measuring cup) 	<p>tap water (according to local drinking water requirements)</p> <p>Alpron, ALPRO MEDICAL</p>
Locking of the prepared pressure bottle at the bottle holder of the ALPRO-BCS system	<ul style="list-style-type: none"> ➤ as needed 	<p>Wear protective gloves, a waterproof apron + protective glasses!</p> <ul style="list-style-type: none"> ➤ Screw the filled pressure bottle carefully into the bottle holder of the ALPRO-BCS system ➤ Pressurize the pressure bottle with compressed air by pressing the lever (position 1) at the outside of the ALPRO-BCS system ➤ Now you can start the treatment 	<p>ALPRO-BCS system and BCS bottle</p>

WHAT	WHEN	HOW	BY MEANS OF
Replacement of pressure bottle	When emptying the bottle	<p>Wear protective gloves, a waterproof apron and protective glasses!</p> <ul style="list-style-type: none"> ➤ <u>Release the pressure bottle in pressurized condition</u>, until you hear that air escapes. After that switch off compressed air (lever in position 0) ➤ Afterwards take the pressure bottle and refill it (see above) or replace it by an already prepared bottle 	<p>BCS bottle</p> <p>Tap water (according to local drinking water requirements)</p> <p>1 % Alpron (15 ml)</p>
Disinfection of the water lines	At the end of the workday, prior to the weekend or holidays (longer standstill periods)	<p>Wear protective gloves, a waterproof apron and protective glasses!</p> <p>Fill <u>pressure bottle</u> with label <u>Bilpron only</u> with at least 200 ml Bilpron and screw it into the bottle holder</p> <p>Pressurisation see above</p> <ul style="list-style-type: none"> ➤ Flush all water-bearing systems until bilpron (blue) visibly comes out ➤ Leave the bottle at the system (location, or see processing BCS bottle with BC-San 100) ➤ Contact time at least 10 hours, max. 3 months 	<p>BCS bottle</p> <p>Bilpron</p> <p>Measuring cup (500 ml)</p>

WHAT	WHEN	HOW	BY MEANS OF
Processing (cleaning / disinfection) of the BCS bottles	At visible contamination; <u>at least once a week</u>	Pour the complete contents of BC-San 100 (100 ml) into to the pressure bottle and fill up with drinking water. <ul style="list-style-type: none"> ➤ Close the filled pressure bottle with screw cap and discard solution only when starting work ➤ Or screw filled pressure bottle carefully into the bottle holder of the ALPRO-BCS system ➤ Contact time at least 6 hours – afterwards discard content 	BCS bottle BC-San 100
Disinfection of the <u>thread of the BCS pressure bottle</u> Disinfection of the <u>thread of the BCS bottle holder</u> and of the riser pipe	Every workday	Clean the internal areas of the bottle holder and the riser and by a disinfection cloth / wipe	MinutenWipes/ PlastiSept eco Wipes or BC-San 100 solution

Note: After longer standstill periods (before starting work and after weekends / holidays) rinse the water lines thoroughly with a 1 % solution of Alpron / drinking water via the pressure bottle for 2 min.

Instruction by:

Taken note of:

Date/Signature (Practice operator)

Date/Signature (Staff)