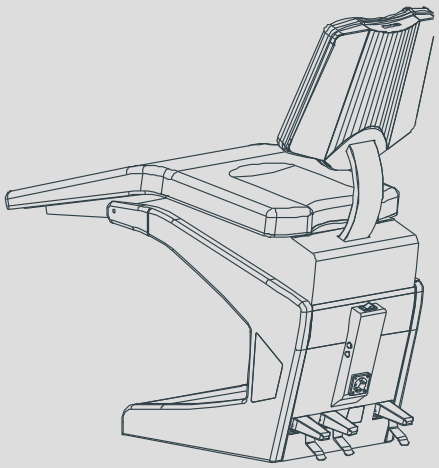
ORTHORA 200

PROGRAMMING



Programming of the following function

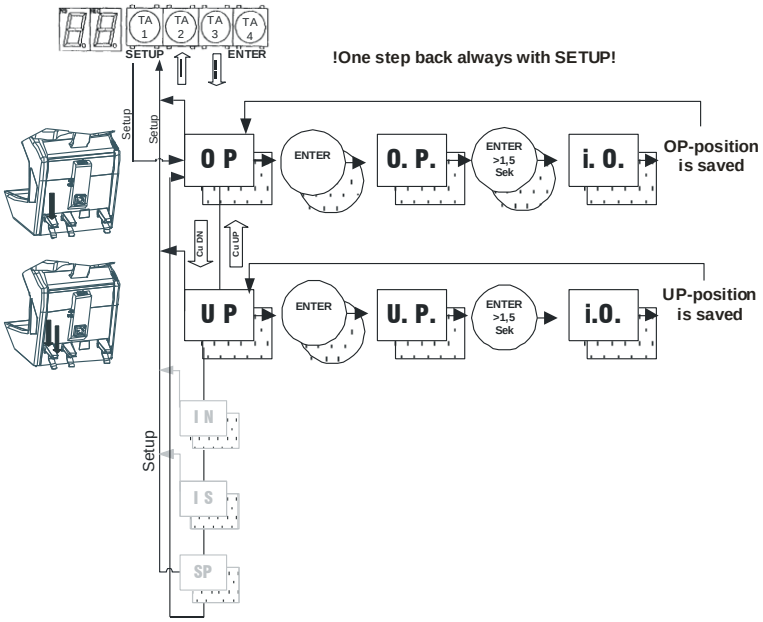
Treatment position	**OP**
Treatment position	**UP**
Instrument data	**IN**
Instrument values	**IS**
Automatic rinsing time	**SP**
Seting hygiene cycle	**H1 - H4**

320.8770.79 / 2112

MIKRONA

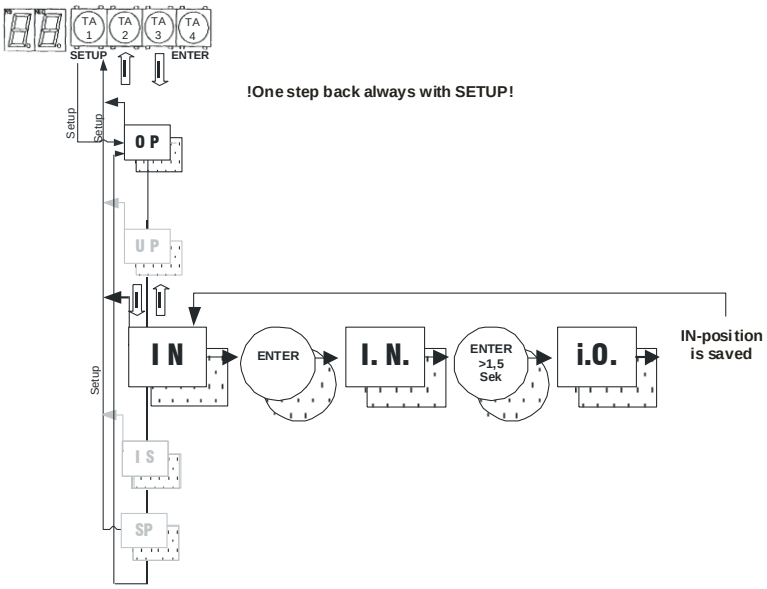
Programming the two freely selectable treatment positions (OP,UP)

1. Move the entry / exit position
2. Draw the bed upholstery upwards and remove it
3. First treatment position (**OP**): manually move to the desired position and program it according to the diagram. Pressing the pedal once allows an automatic movement to the position.
4. Second treatment position (**UP**): manually move to the desired position and program it according to the diagram. Pressing the pedal twice allows an automatic movement to the position.



Programming the instrument data (IN)

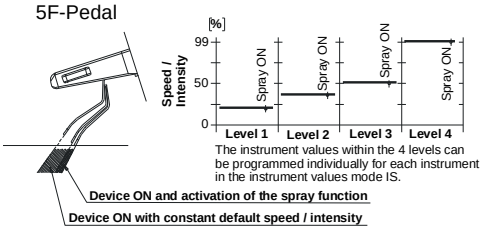
1. The standard and factory settings of the instrument data have been programmed to the maximum.
2. The operator may individually store the basic settings of the instrument data (**IN**). Set the instrument to the desired performance and program it according to the diagram.



Programming of the similar instrument values (IS)

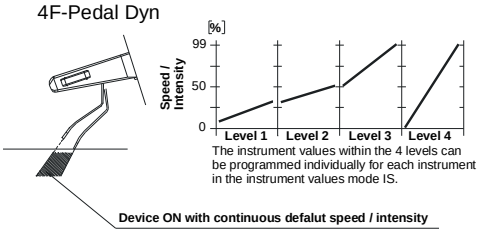
1. The standard - and factory setting of the similar instrument values is on the instruments and speed-levels as following

5F-Pedal



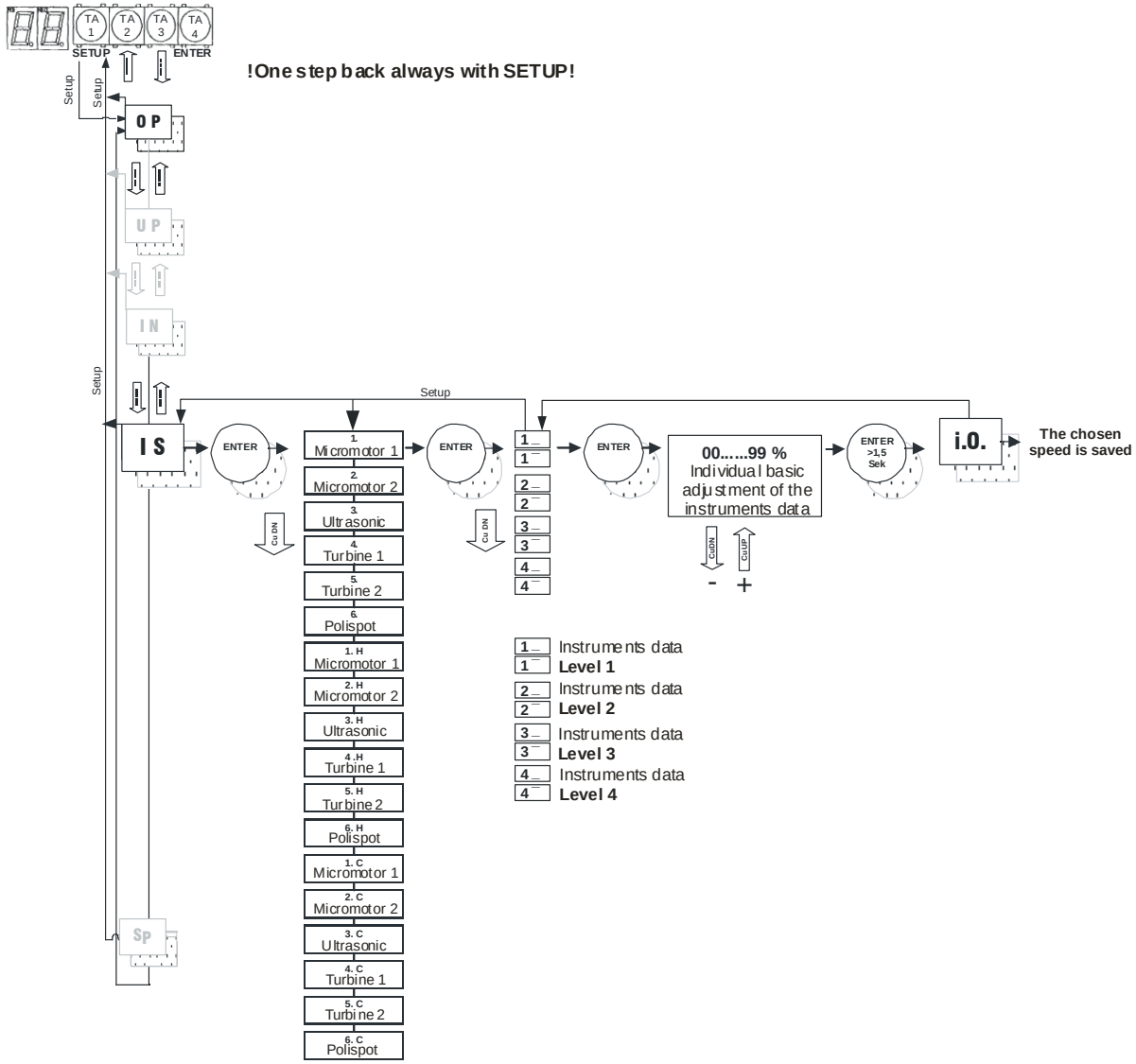
	% Wert	Level 1	% Wert	Level 2	% Wert	Level 3	% Wert	Level 4
Micromotor MC3	5%	ca. 2,8V ca. 5'000min-1	35%	ca. 9,6V ca. 16'000min-1	65%	ca. 16,4V ca. 28'000min-1	99%	ca. 24,0V ca.40'000min-1
Micromotor DMX	7%	ca 1,2V ca. 2'500min-1	22%	ca 1,7V ca. 8'000min-1	42%	ca 2,5V ca. 16'000min-1	99%	ca 4,9V ca.40'000min-1
Ultrasonic SATELEC	0%	0V	35%	ca. 2,0V	75%	ca. 3,5V	99%	ca. 5,0V
Ultrasonic EMS	0%	0V	35%	ca. 0,5V	75%	ca. 1,0V	99%	ca. 1,4V
Turbine	10%	ca. 1,5 bar	25%	ca. 2,0 bar	40%	ca. 2,5 bar	99%	ca. 3,0 bar

4F-Pedal Dyn



	% Wert	Level 1	% Wert	Level 2	% Wert	Level 3	% Wert	Level 4
Micromotor MC3	5%-35%	2,8V-9,6V 5'000min1-16'000min1	35%-65%	9,6V-16,4V 16'000min1-28'000min1	65%-99%	16,4V-24,0V 28'000min1-40'000min1	5%-99%	2,8V-24,0V 5'000min1-40'000min1
Micromotor DMX	0%-7%	0,8V-1,15V 100min1-2'600min1	7%-25%	1,15V-1,9V 2'600min1-9'600min1	30%-60%	2,1V-3,25V 11'500min1-23'100min1	0%-99%	0,8V-4,9V 100min1-40'000min1
Ultrasonic SATELEC	0%-35%	0,0V-2,0V	35%-75%	2,0V-3,5V	75%-99%	3,5V-5,0V	0%-99%	0,0V-5,0V
Ultrasonic EMS	0%-35%	0,0V-0,5V	35%-75%	0,5V-1,0V	75%-99%	1,0V-1,4V	0%-99%	0,0V-1,4V
Turbine	10%-25%	15,0V-18,0V 1,5 bar-2,0 bar	25%-40%	18,0V-20,0V 2,0 bar-2,5 bar	40%-99%	20,0V-25,0V 2,5 bar-3,0 bar	10%-99%	15,0V-25,0V 1,5 bar-3,0 bar

2. By the operator can be changed the standard - and factory setting of the instruments data individually for each speed or intensity on the instruments. Select the appropriate instrument in accordance with diagram (IS), Set the instrument to the desired performance and program it according to the diagram. On the turbine the minimum value is approx. 1.5 bar.

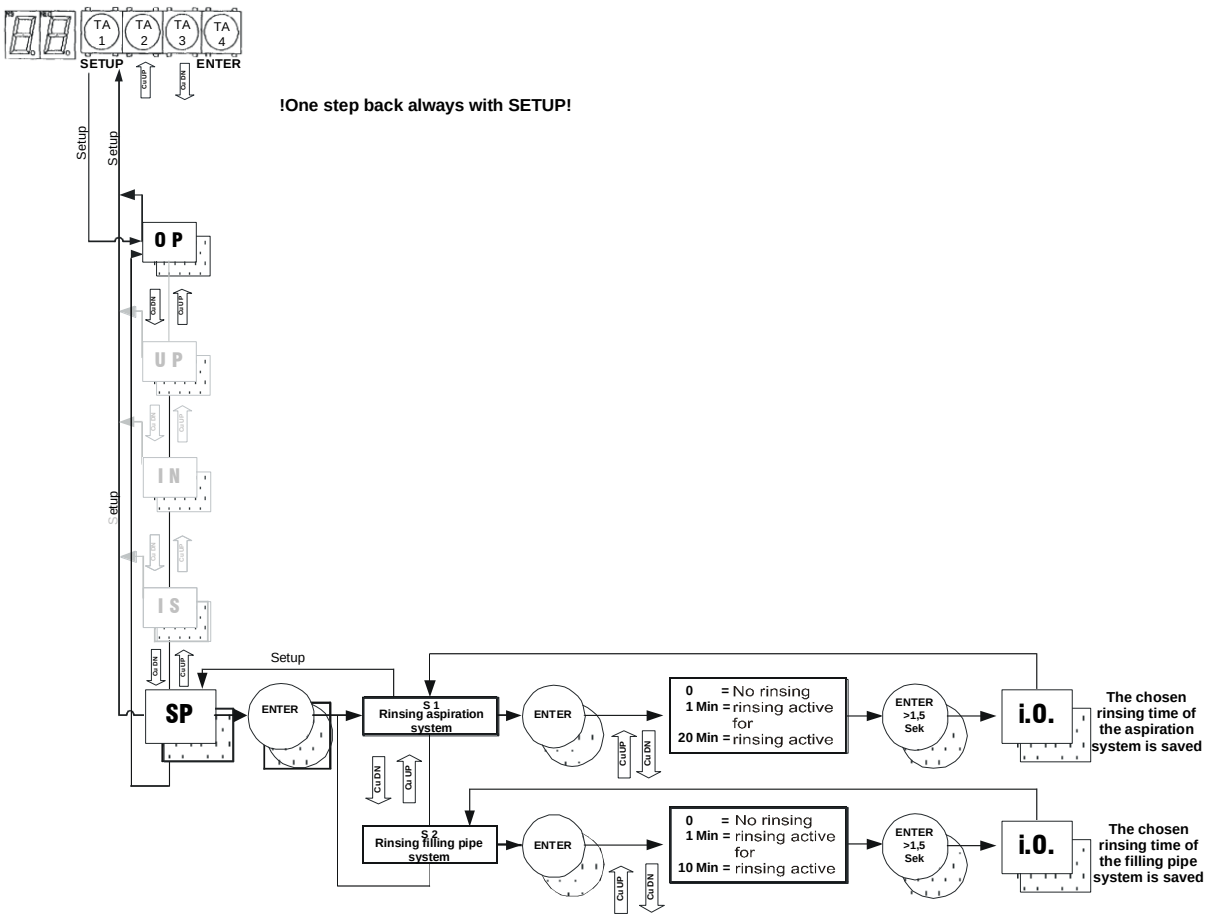


Automatic rinsing time (SP)

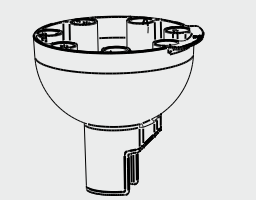
1. The default rinsing settings of the aspiration system is set to 3 minutes for dry aspiration and to 0 minutes for wet aspiration (no aspiration activated). Latter is only activated if the unit is equipped with an aspiration component. The default rinsing setting time of spittoon system is 1 minute.

2. The default rinsing setting of the aspiration system "S1" can be reset individually to between 0 minutes (no aspiration activated) and 20 minutes. Program the aspiration system according to the scheme. The aspiration cycle can be interrupted at anytime by pulling the small or large aspiration hose.

The default rinsing setting of the spittoon system "S2" can be reset individually to between 0 minutes (no aspiration activated) and 10 minutes. Program the aspiration system according to the scheme. The aspiration cycle can be interrupted at anytime by slightly pressing the on/off rinsing button (at filling pipe).



Programming the automatic rinsing length for:



- **Instruments (H1)**
- **Rinsing length of basin rinsing (H2)**
- **Rinsing length of glass filler (H3)**
- **Follow-up time of suction machine (H4)**

Operation and preparation of the CleanHub
(see document 320.8500.02 Operation CleanHub)

H1. The basic setting for the flushing automation of the instruments (H1) can be set by the operator from 0 sec (no flushing active) to 990 sec. The flushing length for the instruments is to be programmed according to the diagram.

Factory setting for rinsing the instruments (H1):
a) with existing bottle system 30 sec.
(Attention: the syringe is rinsed as soon as the bottle is pressurised or under pressure).
b) if connected to the mains water supply 120 sec.

H2. The basic setting for the length of basin rinsing (H2) can be set by the operator from 0 sec (no rinsing active) to 990 sec. The flushing length for the spittoon is to be programmed according to the diagram. It is recommended to programme the flushing cycle for the spittoon to S1 and S2 to 0 min.

Factory setting for the rinsing length of the basin rinsing (H2):
a) with existing bottle system 120 sec.
b) if connected to the domestic water supply 180 sec.

H3. The basic setting for the rinsing length of the glass filler (H3) can be set by the operator from 0 sec (no rinsing active) to 99 sec. The rinsing length for the spittoon must be programmed according to the diagram.

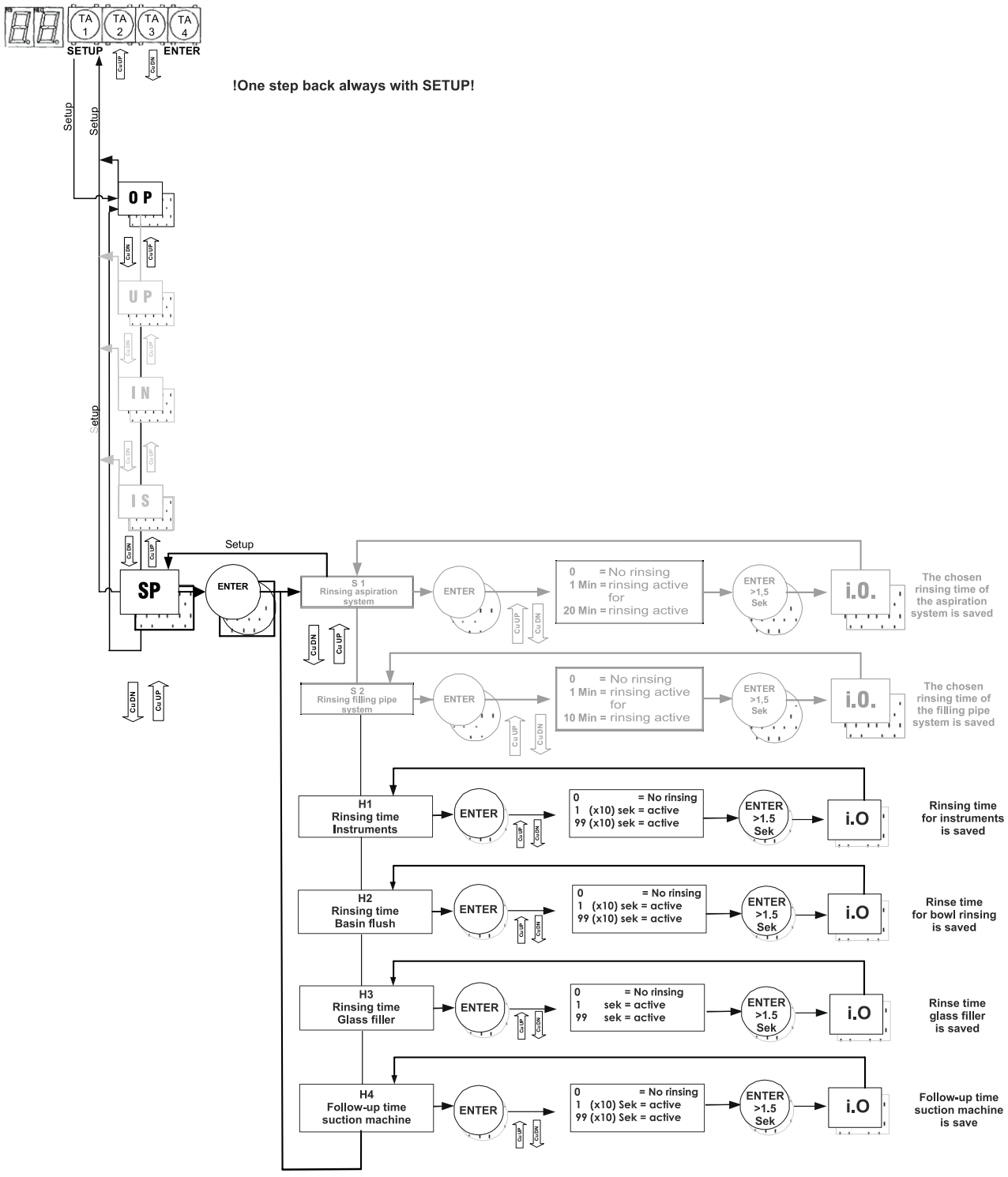
Factory setting for the rinsing length glass filler (H3):
a) with existing bottle system 60 sec.
b) if connected to the domestic water supply 60 sec.

H4. The basic setting for the suction machine run-on time (H4) can be individually adjusted by the operator from 0 sec (no run-on time active) to 990 sec. The run-on time for the spittoon must be programmed according to the diagram.

Factory setting for the suction machine run-on time (H4):
a) with existing bottle system 90 sec.
b) with direct connection to the domestic water supply 30 sec.

Programming the automatic rinsing length for:

- **Instruments (H1)**
- **Rinsing length of basin rinsing (H2)**
- **Rinsing length of glass filler (H3)**
- **Follow-up time of suction machine (H4)**



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