

New Technologies and Design for Balneology for Safety in the Years of Covid19

Hydromassage in Today's "No-Touch" Normal

October 28th 2020

VI International Congress "Spa Treatment"

Ministry for Healthcare of the Russian Federation, Moscow

1. Unbescheiden GmbH – the company
2. Influence of Covid19 on balneotherapeutic institutions
3. Solutions for the “no-touch” normal

Founded in 1869
Equipment for thermal baths and spa centres
Customers in Germany and abroad



Family-owned
CEO:
Veronika Unbescheiden
Sales Director:
Heinrich Unbescheiden
Production Director:
Mark Unbescheiden



Production of hydrotherapy and balneotherapy equipment
Preparation of moor
Pools



AVANTGARDE



SPA



HYDROTHERAPY

Perfectly adapted to
treatment courses. Easy to
operate.
Also adapted to specific
requirements.
Optimal conditions for different
hygiene processes.



**Porto Platanias Beach
Resort & Spa,**
Crete/ Greece



Falkensteiner Group
Austria



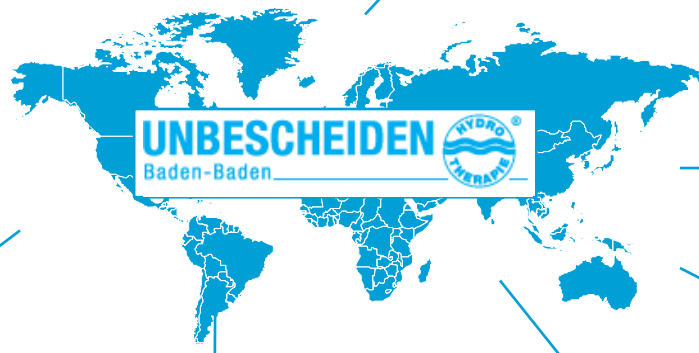
Novi Resort,
Novi Vinodolski/ Croatia



Kronenhof
Pontresina/ Switzerland



Barvikha Hotel & Spa,
Moscow/ Russia



Sanatorium Marino,
Kursk/ Russia



Budersand Hotel - Golf & Spa
Sylt/ Germany



Thermes marins de Cannes
Cannes/ France



Hasdrubal hotel group,
Tunisia



**Sofitel Zallaq
Thalassa Sea & Spa**
Bahrain

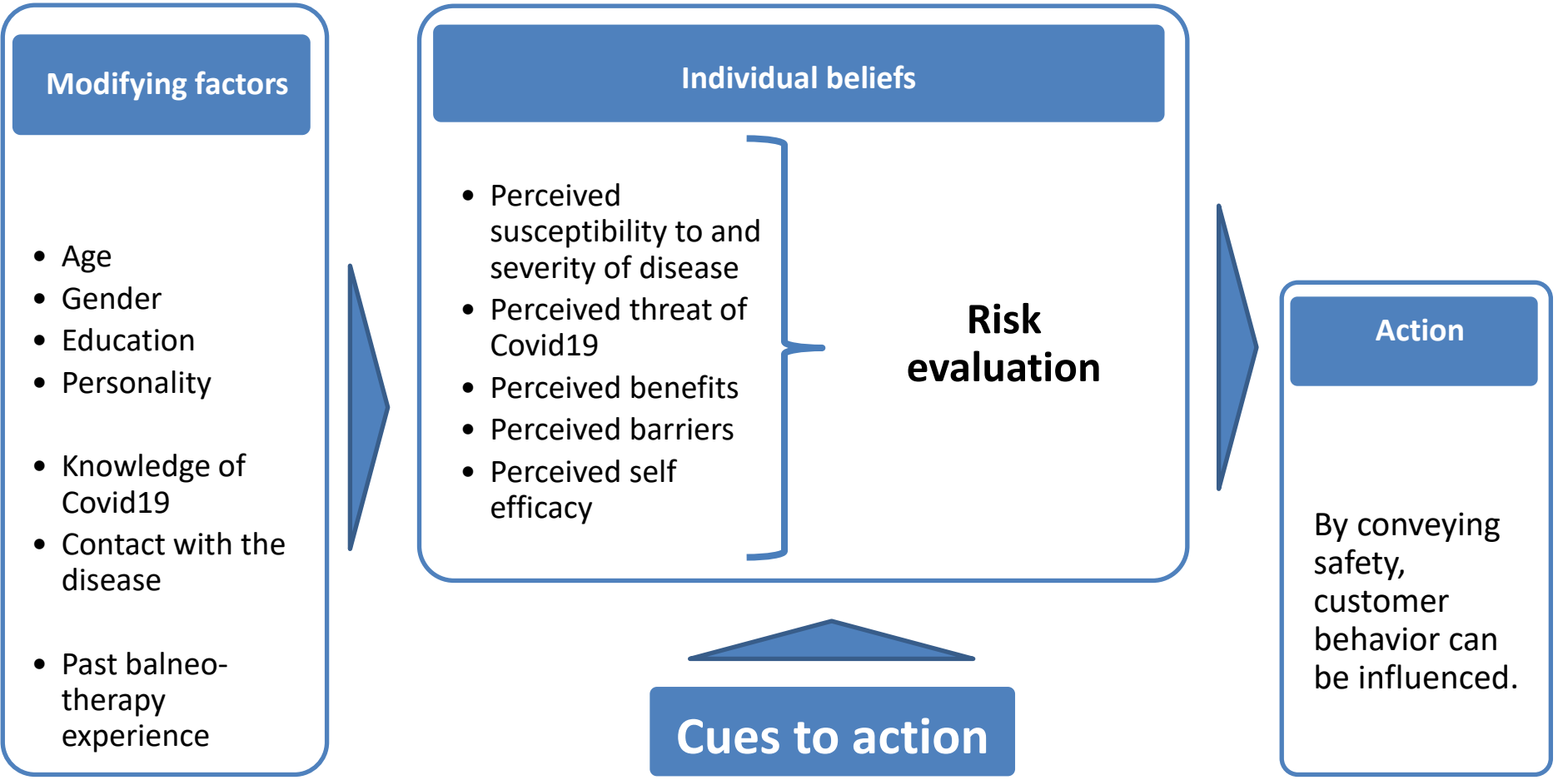
Pandemic

- Legal requirements
 - Safety concepts
 - Hygiene regulations

- Change in customer behavior
- Uncertainty among customers due to risk of infection

Effects on balneotherapeutic institutions

- Increasing costs
- Organizational changes
- Economic losses



Center design

In existing centers, there are only limited possibilities:

- Organization within rooms, e.g. re-grouping or separating beds from each other in relaxation areas
- Ventilation / Use of air filters
- Optimization of movement areas, e.g. no waiting chairs restricting the passage width

Organization

Check all processes and procedures and optimize them with regard to the new requirements :

- E.g. make cleaning intervals shorter and limit the number of customers, ...
- Clearly communicate rules and measures and follow them
- Visibility and comprehensibility of the safety and hygiene concepts

Treatments

Offer treatments during which an adequate distance can be kept and hygiene rules can be followed:

- Quick and easy assurance of hygiene
- Touchless treatments: Safety distances can be kept even during the treatment

Manual massage



Dry hydromassage

Manual pressure jet massage



Automatic pressure jet massage



What it is

- Clinically evaluated means of treatment in rehabilitation and physiotherapy centers in Germany
- Follows the principles of classical hydro- and balneotherapy
- Customized for personalized massage experiences
- Touchless
- Easy to clean and disinfect
- Minimal staff time

How it works

- Customer is positioned on a comfortable cover on top of a tub filled with pleasantly heated water
- Water nozzles placed ergonomically below the cover are used for the application of a relaxing massage
- Treatment focuses can individually be set on a touchscreen
- Easy cleaning and disinfection measures



„The use of dry hydromassage units is paramount when treating muscle tension. Studies have proven that they are effective for pain relief.“

Detlef Kalth, MD
specialist for orthopedics, Berlin in Igel Plus

„All the experiences that have to do with touch and closeness now need to be enjoyed with caution. This can have a negative influence on staff as well as guests.“

Spa Operator
in: Hydromassage in Today's „No-Touch“ Normal

„High-grade devices that can be personalized, with a massage pressure that actually has a measurable effect on the central nervous system and comes very close to a manual massage would solve a lot of the ‚hands-off‘ issues that our industry is grappling with.“

International Industry Expert
in: Hydromassage in Today's „No-Touch“ Normal



- Treatment courses in automatic hydromassage tubs are modelled on treatment courses during a manual pressure jet massage.
- Automatic nozzle systems massage the customer in individual sequences with increasing and decreasing pressure. The setting of individual programs is possible.

- Covid19 will change the behavior of the customers lastingly for many years.
- During the acute phase of the pandemic, it is important that customers experience safety when visiting a hydrotherapeutic institution.
- Adaptions concerning design and organization will make an essential contribution to this. By adapting the range of treatments on offer, safety for both customers and staff can be increased.

Since 1869

Experience the Power of Water.
Systems for Wellness,
Spa and Hydrotherapy.