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Ergonomic work in dental clinics

- VELA Samba 150



PLACE:
**Dentist Skovsgaard,
Assentoft, Randers,
Denmark**

Dentist:
Herluf Skovsgaard

Apart from working in his clinic and developing equipment and work stations, Herluf Skovsgaard runs a comprehensive and worldwide course organisation. Here he teaches dentists and assistants about work methods and layout of clinics.

In 2013 Herluf Skovsgaard's book, 'Dancing Hands,' was published - a textbook for dentists and clinic assistants on organisation, work place design, work methods, precision work and teamwork.

In 2007 the chair VELA Samba 150 was developed in collaboration with Herluf Skovsgaard. The chair is extremely well suited for the work tasks in the dental clinic.

Dentist Herluf Skovsgaard finds that VELA Samba 150 chair has many advantages:

"VELA Samba 150 is exceedingly well suited for dentists and assistants who have to lean forward to look into patients' mouths. The short seat, with forward tilt, and the support from the seat, which is built up of different types of foam and has a rounded front, mean that the chair provides an optimum sitting posture. The thighs slope, the curve in the lumbar area is preserved and the support of the seat bones is horizontal, which means that you don't glide forward on the seat."

DAILY CHALLENGES

- :: Dentists and assistants often suffer from neck pains, pains in the upper part of the back and pains in the shoulders because of static work postures.
- :: Static work increases the need for variation of work postures. Forward-leaning necks and backs often occur when a dentist and assistant must be able to look into patient's mouths. In order to prevent discomfort in the back, it is important to avoid rounding the back.
- :: It is important to get very close to the patient and at the same time preserve a good sitting posture.
- :: Backrests often limit free movement of the arms during treatments.
- :: In order to achieve variation during the day, it is an advantage that the chairs support various different work postures.



WHAT THE DENTIST SAYS ABOUT VELA SAMBA 150 – BACKREST AND SEAT



:: The elegant and narrow, ergonomically curved backrest does not limit the way in which I can move my arms and shoulders.

:: The short seat provides me with good support because it is built up of different types of foam and has a rounded front.

:: The padding is soft and very comfortable.

:: The chair can be used by people of varying heights. The low model can be adjusted from 44-66 cm in height. The high model can be adjusted from 50-70 cm in height.

:: When I am having a break or talking to a patient, and I do not need to lean forward, I can lean a bit backwards and relax with support from the narrow backrest.



WHAT THE DENTIST SAYS ABOUT VELA SAMBA 150

- :: The chair ensures a healthy back – especially when the assistant and I have to lean forwards to look into patients' mouths to perform our work.
- :: Vela Samba 150 makes it easy for me to work in a balanced, dynamic sitting posture. My back is in balance, the curve in my lumbar area is preserved when I lean forwards. I avoid rounding my back, the intervertebral disks are subjected to equal strain, my thighs slope downwards, and I prevent discomfort in my back
- :: The chair allows two different sitting postures: a good, forward-leaning posture and a posture when I am having a break or relaxing.
- :: The seat bones, which carry my body's weight when I am sitting down, are supported horizontally so that I do not glide forward. By tilting the seat a few degrees forward, I sit comfortably with sloping thighs and my back in balance.



VELA Samba 150



VELA SAMBA 150

- :: Height adjustment via the handle under the seat is easy to operate.
- :: Height adjustment via foot-control keeps your hands free for working on the patient.
- :: Tilting of the seat is easily done by the help of a handle.



VELA Samba 150



VELA - Danish Quality

VELA is a Danish family-owned company founded in 1935 by Vermund Larsen. VELA has its head office in Aalborg and its own development department as well as production, upholstery workshop, sales and marketing departments. In order to be closer to our customers, we also have three sales and service offices across Denmark.

CHAIRS BUILT WITH CARE AND PRECISION

VELA's R&D department is focused constantly on optimising safety, functionality and design in collaboration with our therapists, who always ensure ergonomic comfort for the users. Our chairs are designed for medical purpose in the health care sector. That means, we take the high level of wear and tear into consideration, when making the chair.

VELA use quality materials in their production, e.g. durable mechanical parts. Also VELA upholster the chairs with fabrics that are long term wear-resistant, so the chairs will look nice and be serviceable for many years.

All VELA chairs are manufactured in Denmark, and for this reason we can offer the fastest delivery times on the market. We do not manufacture the chair until it has been ordered, allowing us to customise it.

SPECIALISTS IN PERFECT UPHOLSTERY

VELA has its own upholstery workshop, with over 300 types of foam, fabrics and colours in stock at all times. All chairs carry the CE-marking and comply with current standards.