

BIRTHING BED AVE



BORCAD[®]

COMFORT
FOR LIFE

PHILOSOPHY

AVE FROM THE LATIN TERM
„WELCOME“ TO THE WORLD

The design of the birthing bed AVE embraces both the individual comfort requirements of a woman in labour and the professional needs of a birthing team, accenting the aesthetics and functionality of the whole product.



FEELING OF SAFETY



FREEDOM TO CHOOSE A BIRTHING POSITION



RESPECTING THE NEEDS OF A WOMAN IN LABOUR



MOTHER-CHILD INTIMACY

DESIGN



UNIQUE AND FUNCTIONAL DESIGN

respecting the principles of the obstetrics,
the attending personnel and the woman
in labour herself.



AUTHOR

of the design is Jiří Španihel

Every new thing begins
with the development...

DESIGN AWARD
granted by the CZ Design Center





INNOVATIONS



SLIDING OF
THE FOOT SECTION
with no need
to remove it.



FOOT SECTION

Sliding of the foot section creates space facilitating the work of the personnel. There is no need to remove this section from the bed, which prevents dorsal injuries from being incurred to the personnel when manipulating with the product.

The control is quick and simple. By sliding out the foot section, you can get the AVE quickly into a horizontal position while making use of a high load capacity of the section as well as using a wide and comfortable area as a mat for a child. When tilted off, the section can be also used as a foot support.

Original solution
by BORCAD



LEG RESTS

The conception of leg rests is an original solution by the BORCAD Company. It allows for an extremely quick adjustment of the leg rests into the position required. This solution enables the personnel to respond very quickly and effectively to situations which may occur during the delivery.

The offer includes also a version with detachable leg rests allowing you to make use of a hand grip even when the leg rests are removed.



QUICK AND EASY
MANIPULATION

HAND GRIPS

Increase the comfort of a woman in labour in the second stage of childbirth.



MASSAGE SEGMENT

The massage segment mitigates the pains of a woman in labour and contributes to increasing the comfort and calmness before the delivery itself. It is possible to choose the massage in two speed degrees.

Thanks to a simple and comfortable control, a woman in labour can switch on the massage by herself.



LUMBAR SUPPORT

A smoothly adjustable convexity of the lumbar support will meet specific needs of every woman in labour and reduces their pains during the first stage of childbirth.

It eliminates the necessity of using additional mats and cushions.



SIMPLE CONTROL

LOW ACCESS HEIGHT

A very low access height of the birthing bed (including mattress) of 600 mm facilitates comfortable access even to a woman in labour of short stature.

WIRELESS FOOT CONTROLLER

Seat and back sections or the height range adjustment of the bed can be remote-controlled. The virtue of the controller is its safety, no cabling is necessary. The controller signals the condition of the battery and its range is up to 10 metres.



HYGIENE WITH NO COMPROMISE

EASY CLEANING

Compact construction of particular sections of the rest area and the plastic cover of the gear reduce the time needed for the cleaning of the bed. The construction of the birthing bed contains no cutting points or sharp edges, which increases the safety of the attending personnel.

1. Antibacterial artificial leather
2. Seamless upholstery
3. Compact and separate space



SAFETY



1. Side rails
2. Wide rest area
3. No sharp edges
4. Clear fixation of control elements
5. Low access height
6. No cutting points
7. Firm construction



8. Trendelenburg position

FEEL
AT EASE





YES TO NATURAL CHILDBIRTHS

„The society-wide effort should help the environment in maternity hospitals become more human. There is a huge opportunity for midwives to get engaged to their full potential. I can imagine that one day a vast majority of childbirths will take place under the supervision of a midwife only who would work in secured environment with a doctor somewhere close and ready to help at once. This is the way. There is no point in having each physiological delivery conducted by a doctor. However, it is not pointless to make each delivery proceed in a hospital. Or, if you wish, in safe environment.“



MUDr. Petr Velebil, CSc.

Senior Doctor in the Department of Obstetrics at the ÚPMD (Institute for the Care of Mother and Child) in Prague-Podolí, Vice-Chairman of the Foetal Medicine Section of the Czech Gynaecological and Obstetrical Society. He worked at Centers for Disease Control (USA) and as a gynaecologist at the Canadian Medical Care private clinic.

BIRTHING POSITIONS



Using a vast array of accessories of the birthing bed AVE allows for the delivery to be conducted by means of a classic or an alternative method.





ACCESSORIES



PPA-29-X Upholstered bar with 2 fixation screws



PPA-33 Big stainless bowl - 10 l



PPA-535 Birthing bed lighting



PPA-36 Telescopic stainless infusion holder



PPA-48.21 Foot controller



PPA-556 Wireless foot controller of all el. adjustable positions



PPA-65 Plastic basket for accessories



PPA-083 Bowl for instruments



PPA-70-X Semicircular bolster



PPA-128.X Bolster



PPA-71 Holder for controller



ZK-05.X Doctor's chair



GKB-076 Doctor's ergonom. foot-adjustable chair



PPA-00.37 Side rail without the upholstery - pair



PPA-00.35-X Side rail with the upholstery - pair



PPA-00.36-X Double side rail with the upholstery - pair

COLOUR OPTIONS



M – Corn yellow



T – Pink



F – Steel green



B – Brilliant blue



P – Orange

TECHNICAL PARAMETERS

DIMENSIONS

Full length	2 100 mm
Full width (excluding locking screws)	1 016 mm
Minimum height including the upholstering	600 mm
Width of mattress	960 mm

MANUAL ADJUSTMENT

Adjustment angle of the foot section	0° - 25°
Height range adjustment of the foot section	225 mm
Horizontal extension of the foot section	+0°, 60°, 90°

ELECTRONIC ADJUSTMENT

Maximum elevation of height adjustment	295 mm
Adjustment angle of the back section	-12° / +70°
Adjustment angle of the seat section	0° / +20°

ELECTRIC PARAMETERS

Standby accumulators	1,3 Ah
Voltage - input	100-230 V
Frequency	50/60 Hz
Type of protection	BF
Protection class	I
Level of protection	IP X4



STANDARD EQUIPMENT

- standard leg rests (pair) of one's choice
- sliding bowl stainless 4.5l / plastic 8l
- hand grips (pair)
- castors 125 mm, 1 x directional
- remote hand control
- central brake
- hooklet for attachment of controller on both sides of the bed
- infusion stand holder on both sides of the bed
- sliding foot section including the upholstering
- Equipotential coupling
- antibacterial artificial leather
- electric and manual Trendelenburg
- seamless upholstery
- network cable of one's choice
- Eurolath on both sides of the seat
- choice from 4 colour options
- bolster
- packaging
- handle of the back part with the upholstery/without the upholstery
- Backup battery

REFERENCES

BORCAD exports into more than 80 countries all over the world. Let yourself be inspired by the selected reference workplaces already using the added value of our birthing bed AVE.

CZECH REPUBLIC	FN Motol, Ústav pro péči o matku a dítě (ÚPMD - Podolí), Praha
POLAND	Szpital Chórzow, Kraków, Warszawa, Oświęcim, Tarnów
GERMANY	Mnichov, Klinikum Rechts der Isar
INDONESIA	Surabaya National Hospital
SLOVAKIA	Fakultná nemocnica s poliklinikou Nové Zámky
SWITZERLAND	HirSellanden Klinik St. Anna AG
U.A.E.	Life Line Hospital
RUSSIA	Programma modernizacii zdravoochranija v Kostromskoj oblasti
HUNGARY	Petz Aladár Megyei Oktatókórház
BULGARIA	SIA „Maichin Dom“
KAZAKHSTAN	Keruen-Medicus, TOO
LATVIA	SIA „Ziemeļkurzemes reģionālā slimnīca“
PERU	Instituto Nacional Materno Perinatal
THAILAND	Rajavithi Hospital
SLOVENIA	UKC Maribor
ITALY	Ospedale Buzzi, Milano
FRANCE	Clinique de l'Anjou
SPAIN	Hospital General Universitario Gregorio Marañón (Madrid)
AUSTRIA	O.Ö Gesundheits- u. Spitals-AG Landeskrankenhaus Freistadt
ECUADOR	Security Social Hospital, Santo Domingo City and Babahoyo City
SAUDI ARABIA	King Saud Medical City, Maternity Hospital, Riyadh
MEXICO	Hospital Angeles Acoxpa, Mexico City
TURKEY	Medipol Üniversitesi Hastanesi, Kolan Hospital Group, Acibadem Hospital Group





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Product meets requirements
of EN 60601-1 and 60601-2 standards.



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