

Dental Equipment

Made by hand and mind, in Japan

 **Belmont**



 Belmont

Beautiful, Healthier Lives

Belmont's innovations for dentistry stem from a long and withstanding heritage in the fulfilment of the human need for comfort and desire for beauty. Across the globe, this desire is deepening.



台車は配膳専用台車です。作業台車と

ピックアップ日	4/23
組立日	4/24
機種	① 5L-1L
台数	2台

大

Pictured: Mr. Atsushi Otani (大谷 篤), Chair Assembly group, Production division, Takara Belmont factory in Osaka

Made by hand and mind, in Japan

Since 1921 in Osaka, Japan, Takara Belmont has been casting metals for chairs. Almost one hundred years on, still in Osaka, we manufacture every piece of every chair and light or x-ray unit we deliver to market.

The provenance of our product is thus unquestionable, and the high quality of our products is maintained by the familiarity of eye, hand and mind that comes with our loyal workers. This gives us peace of mind before it gives you peace of mind.

For our long-standing factory managers, the tireless metalworkers and dedicated assembly-line technicians, the factory is a workplace where minds are relaxed and spirits are devoted.

Future Treatment Centres

In the dental industry, where 86.7%¹ of all Operators and Assistants suffer from MSDs², Belmont believe there is a healthier way to work.

Belmont's advancement of Below-the-Patient delivery system ergonomics realises a greater efficiency of time, space and energy. A level of console versatility yet unseen where your every task becomes easier; less reaching, a new calmness and the clearest lines of communication. This is what we strived for, a better daily operation for all.

Cleo II | tbCompass | Voyager III



¹ Ohlendorf D, Erbe C, Hauck I, Nowak J, Hermanns I, Ditchen D, Ellegast R, Groneberg D. (2016) Kinematic analysis of work-related musculoskeletal loading of trunk among dentists in Germany. *BMC Musculoskeletal Disorders*, 17(1). | ²MSD, Musculoskeletal Disorder

Pictured: Mr. Tadashi Genno (源野 忠), Light Assembly group, Production division, Takara Belmont factory in Osaka

Cleo II

Key features of the range:

- Below-the-Patient swing-arm delivery system
 - Folding and extending legrest chair
 - Preparation zone
 - Rotating cuspidor
 - Flexible delivery options
 - Air and Electric versions
 - Available with Seamless or Luxury upholstery
 - Standard, Ultrasoft and Ultrasoft Pro fabric options
 - Upgradeable Operator's console functionality
-



Cleo II 'Surgery System'

Work unobstructed from the front, side or behind the Patient

Luxury Upholstery in Sassy (Ultrasoft fabric)



Maximised workflow and a greater variety of operation are the key achievements of the Cleo II treatment centre. An inclined Cleo II chair is a very gentle welcome to any Patient entering the surgery and enables the most pleasant consultation position possible.



- Operator console key features:**
- 4 programmable Operator settings
 - First-priority handpiece selection
- 'E' version additional features:**
- Digital display and timer
 - Preset micro-motor
 - Torque control with Auto-Reverse
 - 2 fibre-optic turbine hoses



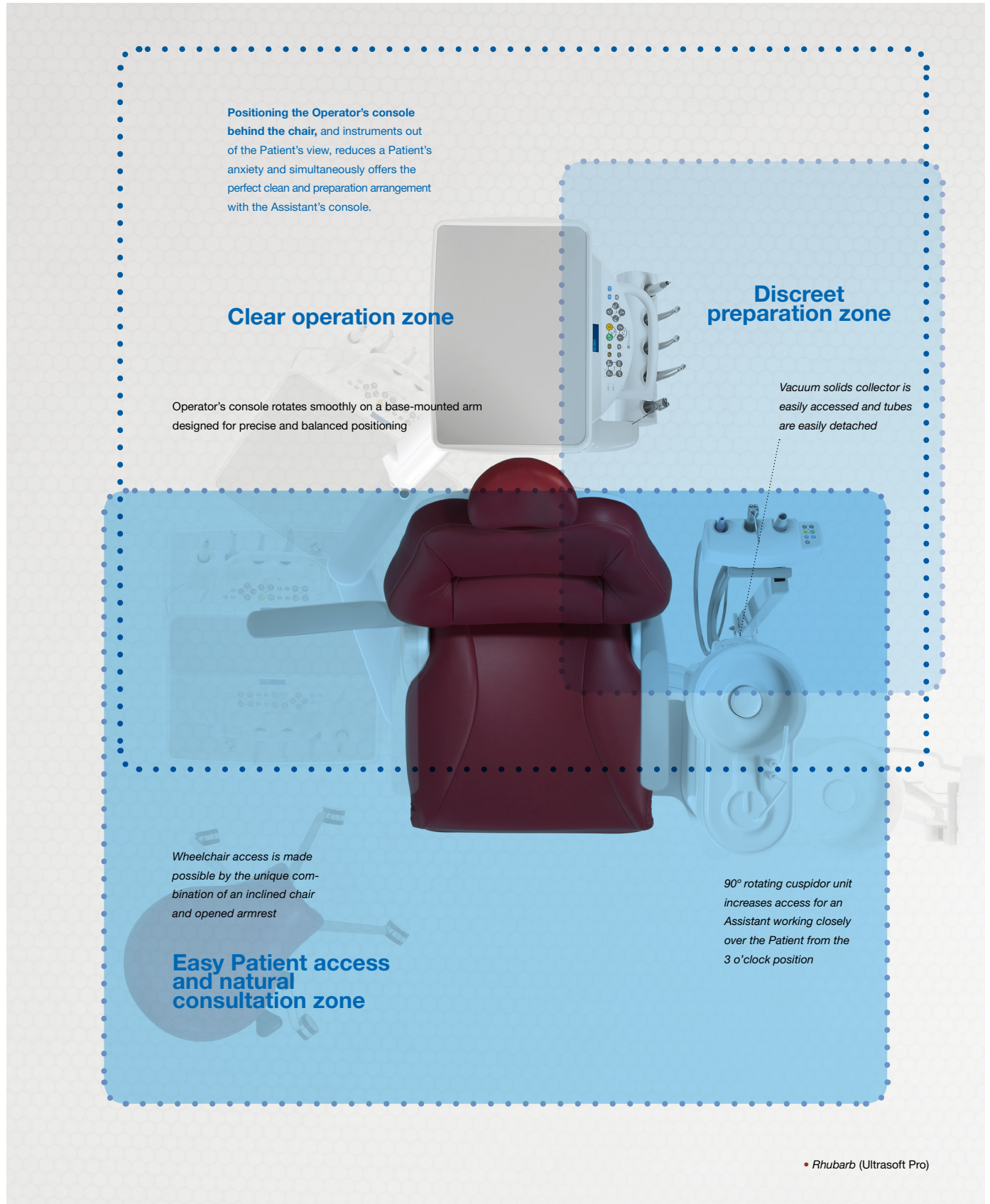
900 LED Series

Below-the-Patient delivery system

Cleo II 'Surgery System'

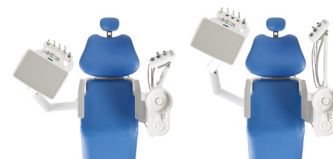
Permits multiple dental disciplines with optimised Operator comfort

Folding legrest and detachable, foldaway armrest for perfect Patient entry and exit



Control and precision are the prerequisites of the Cleo II.

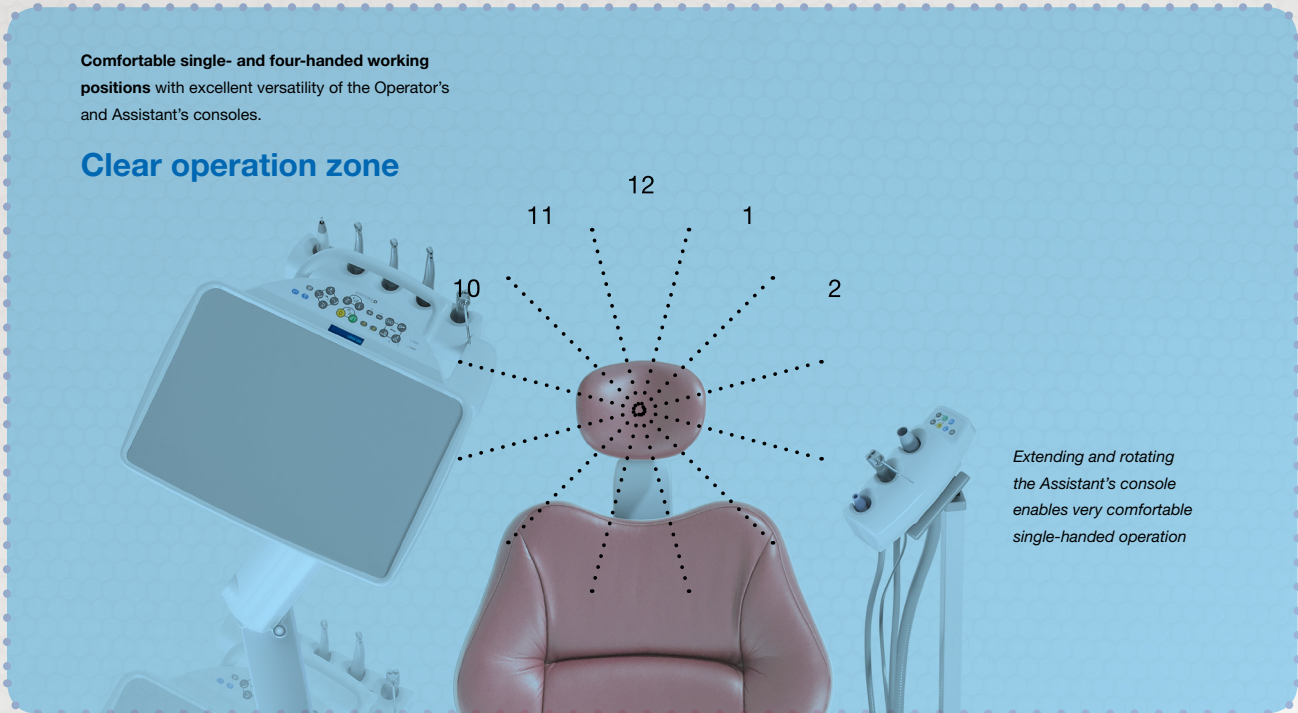
The Operator's console rotates smoothly on a compact, base-mount enabling an Operator easy access between the 9 and 1 o'clock positions. Hygiene-conscious at every point, the Cleo II is designed to perform in the most demanding dental surgery environments.



Equally comfortable single- and four-handed operation

Comfortable single- and four-handed working positions with excellent versatility of the Operator's and Assistant's consoles.

Clear operation zone



Extending and rotating the Assistant's console enables very comfortable single-handed operation

Easy-clean porcelain spittoon with cup-filler and bowl-flush

From consultation through treatment, Cleo II provides supreme access and working comfort for the Operator and Assistant

Cleo II 'Flexible System'

Mobile configurations to suit any Practice
and the flexibility of Air and Electric versions
to fulfil individual preferences

Patient-friendly, synchronised chair

'Flexible System' key features:

Chair:

- Folding and extending legrest with safety feature
- Chair preset positions
- Twin-articulating headrest
- Lumbar support
- Foldaway, detachable armrests (both sides)
- Integrated foot control stalks

Cuspidor:

- 90° rotatable
- Assistant's console
- Assistant 3-way autoclavable syringe
- Easily-detached HV and saliva ejector tubings
- Porcelain cuspidor bowl
- Automatic bowl-flush and cup-filler
- Bottled water system
- Chair preset controls



Chair movements are
synchronised

Ultra-slim backrest improves
Operator's working comfort

90° cuspidor rotation enables greater access to the Patient
during operation



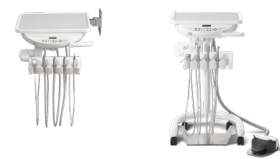
*A folded legrest and foldaway
armrest ensures zero
obstruction to Patient entry
and exit*

Integrated foot control
stalks for chair movements
including two programmable
presets, Last-Position memory
and Auto-Return

Cleo's unique folding-extending chair occupies an unusually small footprint and provides unrivalled comfort, natural support and enhanced access for both Operator and Patient.



Uniquely compact and ideal flexibility



Clesta II 'M' and 'MC' A / E versions

Clesta II 'MC' key features:

- Air and Electric versions
- Smooth-running castors
- Height-adjustable
- Rotating and tilting instrument holder
- Foot control for instruments
- Tube-tidy and foot control plate
- Removable rubber mat



900 LED Series

Folding and extending legrest

Clesta II 'MC'

- Coastal (Ultrasoft Pro)

Operating Lights – please see page 76 | Upholstery Fabrics and Colours – please see page 108

Cleo II

Packages, 'Flexible' systems and compatible equipment

Package notes: Air (A) and Electric (E) versions available to all Cleo II treatment centre packages

Cleo II treatment centre packages

'Surgery System'



Chair, Operator's table and cuspidor with Assistant's console

'Flexible System'



Chair and cuspidor with Assistant's console

Cleo II compatible modular & mobile delivery systems

Clesta II 'MC' (A)



Air version

Clesta II 'MC' (E)



Electric version

Clesta II 'M' (A)



Air version

Clesta II 'M' (E)



Electric version

Voyager III 'MC' (A)



Air operation

Voyager III 'M' (A)



Air operation

LED operating light options

900 LED Series



10 LEDs

300 LED Series



5 LEDs

Halogen operating light options

700 Series



Halogen

Cleo II

Features and options

Below-the-Patient delivery system

Base-mounted delivery arm



Holder type



4 handpiece outlets

'Flexible' systems and bespoke delivery options



Cleo II 'Flexible System' & Clesta II 'MC'



Clesta II 'M'

Operator's table & console options

Electric version with upgrade options



Easy-clean surfaces with single-piece membrane securing the console

Air version



Easy-clean surfaces with single-piece membrane securing the console

Rectangular, Below-the-Patient table



Autoclavable removable rubber mat

Chair features

Twin-articulating headrest



Ultra versatile movements operated by one hand, fitting for various Patient heights including small children

Synchronised, smooth, near-silent chair movements



Cuspidor features

Spittoon



Hygiene-conscious, easy-clean cuspidor and spittoon

Assistant's console



Single-piece membrane securing the console

Upholstery options

Luxury upholstery



Available with Ultrasoft Pro or Ultrasoft fabric

Seamless upholstery



Available with Ultrasoft Pro, Ultrasoft or Standard fabric

Operating light mounting options

900 LED Series light as example



Unit-mounted for Cleo II



Ceiling-mounted with pole length options



tbCompass

Key features of the range:

- Ambidextrous
 - Below-the-Patient swing-arm delivery system
 - Preparation zone
 - Vac-Pac System option
 - Flexible delivery options
 - Air and Electric versions
 - Available with Seamless or Luxury upholstery
 - Standard, Ultrasoft and Ultrasoft Pro fabric options
 - Air operating system
 - Upgradeable Operator's console functionality
-



tbCompass 'Surgery System'

Ambidextrous, equipped and efficiency focussed

Luxury Upholstery in Persian Green (Ultrasoft Pro fabric)

Extremely versatile ambidextrous treatment centre



The willing versatility of the Operator's and Assistant's consoles ensures comfortable single- and four-handed working positions, and further permits various, useful operation and preparation zones.



- Operator console key features:**
4 programmable Operator settings
First-priority handpiece selection
- 'E' version additional features:**
Digital display and timer
Preset micro-motor
Torque control with Auto-Reverse
2 fibre-optic turbine hoses



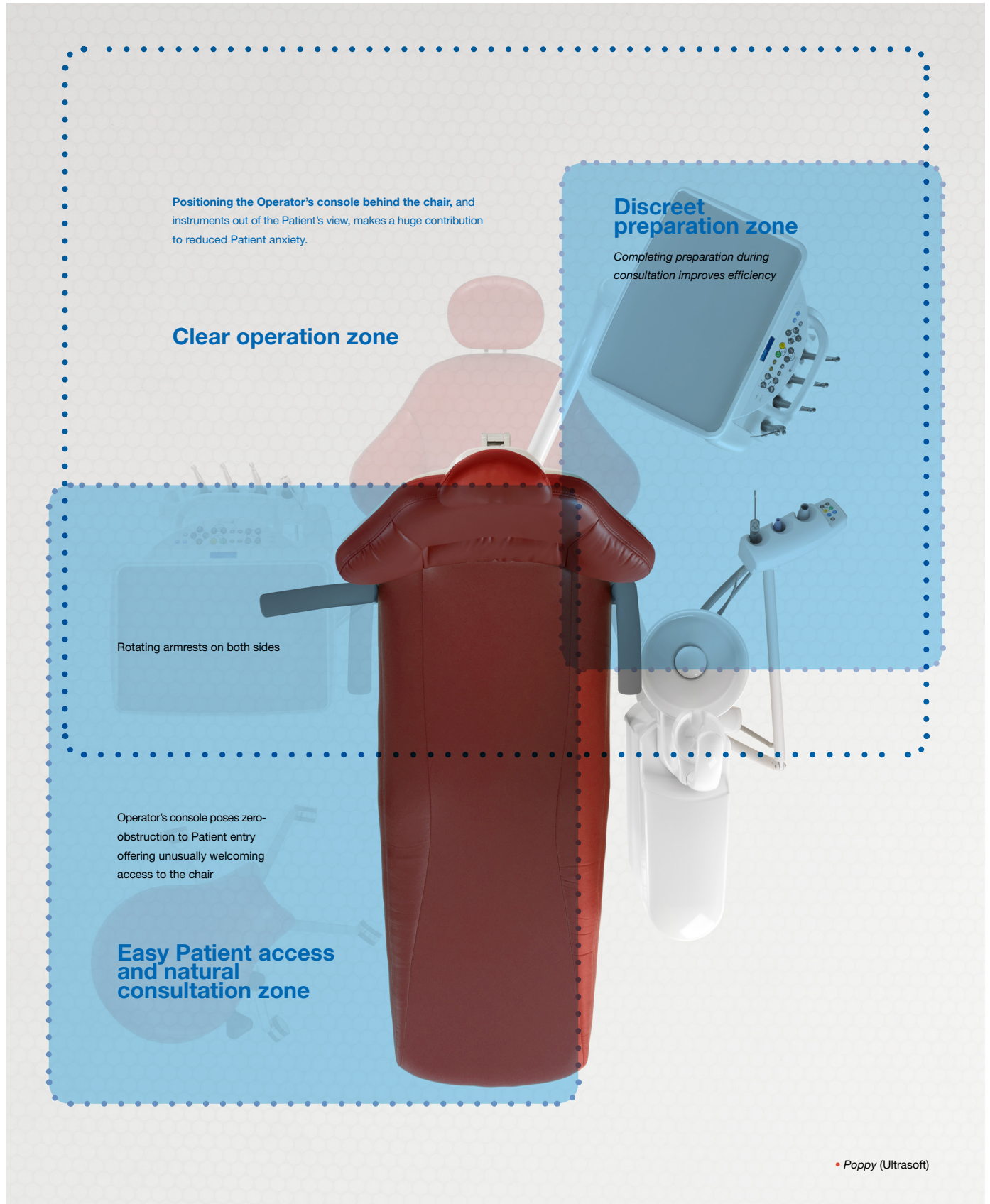
900 LED light

Vacuum solids collector is easily accessed and tubes are easily detached

tbCompass 'Surgery System'

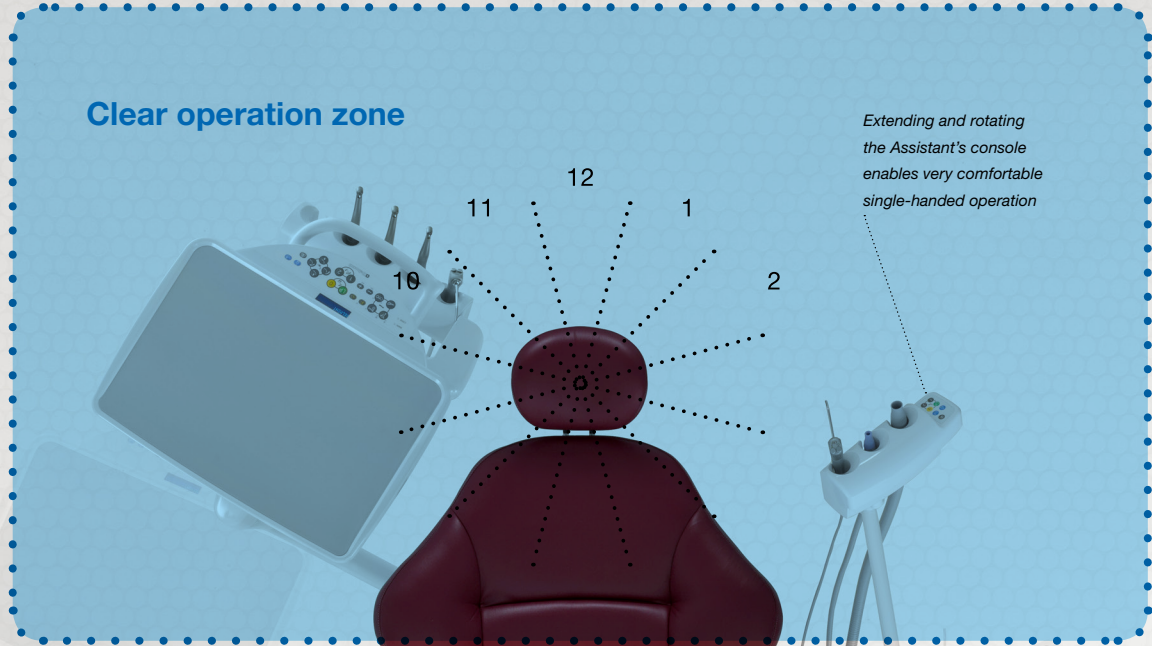
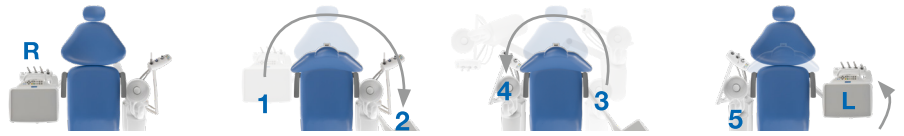
From consultation through treatment, enjoy supreme access and working comfort for the Operator and Assistant

Ambidextrous treatment centre



To begin, raise and incline chair and release cuspidor locking pin. Swing the table and cuspidor round to opposite sides and **finally**, position the cuspidor and secure cuspidor locking lever.

Ambidextrous changeover takes 60 seconds >



Operator's console rotates smoothly on a base-mounted arm designed for precise and balanced positioning

180° rotating spittoon with cup-filler and bowl-flush

Easy-clean, detachable cup-filler holder, porcelain spittoon bowl and vacuum tubes

tbCompass Flexible Options

'Vac-Pac System' and a compact package with modular equipment



tbCompass 'Vac-Pac System'

Ambidextrous treatment centre

Quick-disconnect tubings

Vac-Pac unit key features:

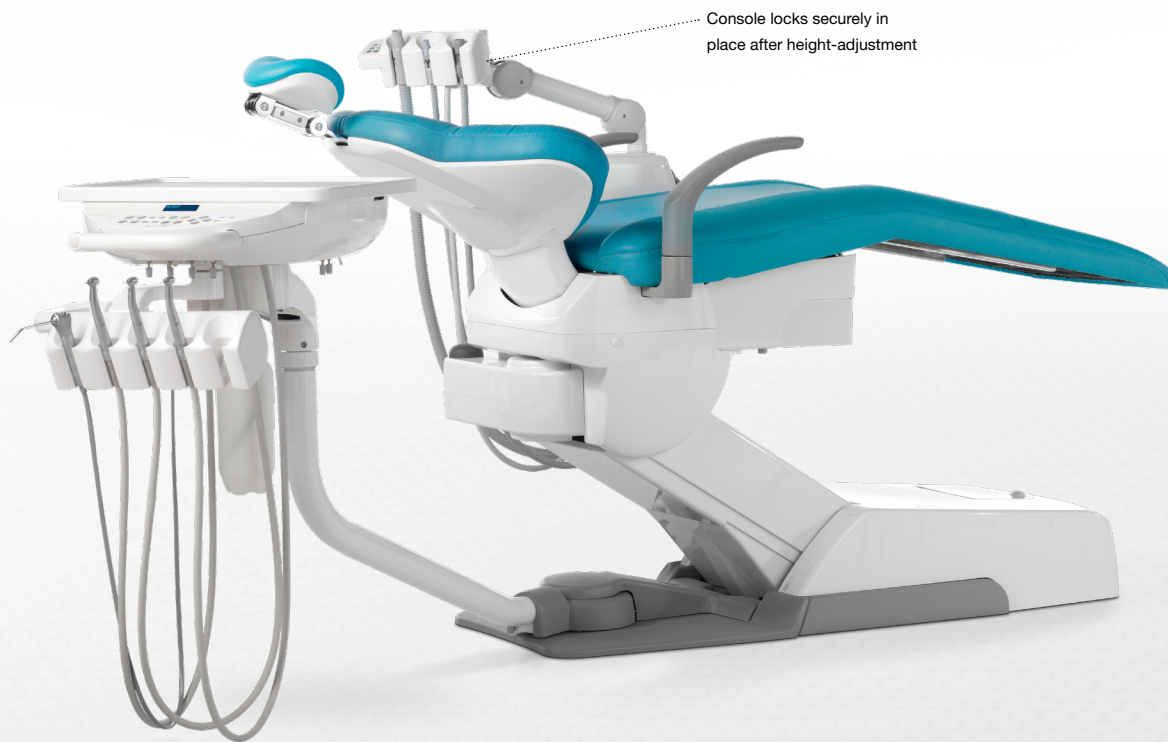
- Height-adjustable and extendable Assistant's Console
- Easy-access detachable filter
- Assistant's Console with chair and light controls
- Autoclavable HVE
- Saliva ejector
- Spittoon funnel connection

Vac-Pac unit optional features:

- 3-Way Syringe
- Handheld spittoon funnel

Once disconnected from the main unit, disposal of the filter is a simple, hygienic task of pushing through the retaining rod

Ample access for an Assistant working closely over the Patient from the 2-5 o'clock position



tbCompass package options are especially broad, offering the ultimate configuration flexibility to suit any Practice and procedure. A 'Vac-Pac System' can save a surgery significant space on the Assistant-side, where the 'Flexible System' compacts on the Operator's side. A choice of Electric or Air versions complete the options available.



tbCompass 'Flexible System' & Clesta II 'MC'

Ambidextrous treatment centre

Clesta II 'M' A / E versions

'Flexible System' key features:

Chair:

- Twin-articulating headrest
- Chair preset positions
- Rotating armrests (both sides)
- 8-way foot control

Cuspidor:

- Ambidextrous, 90° rotatable
- Easily-detached porcelain cuspidor bowl with 180° rotation
- Assistant's console
- Assistant 3-way autoclavable syringe
- Easily-detached HV and ejector tubings
- Automatic bowl-flush and cup-filler
- Chair preset controls



Expansive, unobstructed
Operator access

900 LED Series

Clesta II 'MC'

• Schooner (Ultrasoft)

Flexible Delivery Systems – please see page 54 | Upholstery Fabrics and Colours – please see page 108

tbCompass

Packages, 'Flexible' systems and compatible equipment

Package notes: Air (A) and Electric (E) versions available to all tbCompass treatment centre packages

tbCompass treatment centre packages

'Surgery System'



Chair, Operator's table and cuspidor with Assistant's console

tbCompass 'Flexible' treatment centre packages

'Vac-Pac System'



Chair, Operator's table and Vac-Pac system

'Flexible System'



Chair and cuspidor with Assistant's console

'Flexible Dr System'



Chair and Operator's table

tbCompass compatible modular & mobile delivery systems

Clesta II 'MC' (A)



Air version

Clesta II 'MC' (E)



Electric version

Clesta II 'M' (A)



Air version

Clesta II 'M' (E)



Electric version

Voyager III 'MC' (A)



Air operation

Voyager III 'M' (A)



Air operation

LED operating light options

900 LED Series



10 LEDs

300 LED Series



5 LEDs

Halogen operating light options

700 Series



Halogen

tbCompass

Features and options

Below-the-Patient delivery system

Base-mounted delivery arm



Holder Type



4 handpiece outlets

'Flexible' systems and bespoke delivery options (examples)



tbCompass 'Flex. Dr System' & Clesta II Ped. Cuspidor

tbCompass 'Flexible System' & Clesta II 'MC'

Operator's table & console options

Electric version with upgrade options and Air version



Easy-clean surfaces with single-piece membrane securing the console

Rectangular, Below-the-Patient table



Autoclavable removable rubber mat

Vac-Pac option

Features on tbCompass 'Vac-Pac System'

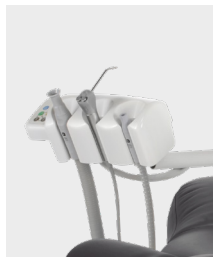


Cuspidor features

Hygiene-conscious, easy-clean cuspidor and spittoon



Assistant's console



Single-piece membrane securing the console

Spittoon options

Porcelain



Supplied as standard

Blue glass



Green glass



Pink glass



Optional, in lieu of Porcelain bowl

Upholstery options

Luxury upholstery



Available with Ultrasoft Pro or Ultrasoft fabric

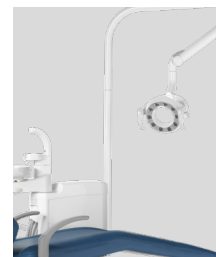
Seamless upholstery



Available with Ultrasoft Pro, Ultrasoft or Standard fabric

Operating light mounting options

900 LED Series light as example



Chair-mounted for tbCompass



Ceiling-mounted with pole length options



Voyager III

Key features of the range:

- Below-the-Patient swing-arm delivery system
 - Ambidextrous
 - Preparation zone
 - Flexible delivery options
 - Seamless upholstery
 - Standard, Ultrasoft and Ultrasoft Pro fabric options
 - Air operating system
 - Upgradeable Operator's console functionality
-



Voyager III 'Surgery System'

Ambidextrous, hygiene-conscious
and simple to operate

Seamless Upholstery in Sonora (Ultrasoft fabric)



The **central pivot design** enables the very easy changeover procedure and provides 100% equality for left- and right-handed Operators. The simplicity of this elegant solution also allows the table to be positioned behind a Patient for discretion or cleaning and preparation.



Ambidextrous treatment centre

Base-mounted arm provides full Operator access from 9-3 o'clock

Operator's table key features:

- Air operation
- Control panel for chair movements
- Easy-clean surfaces
- Height-adjustable
- Removable steel tray and rubber mat

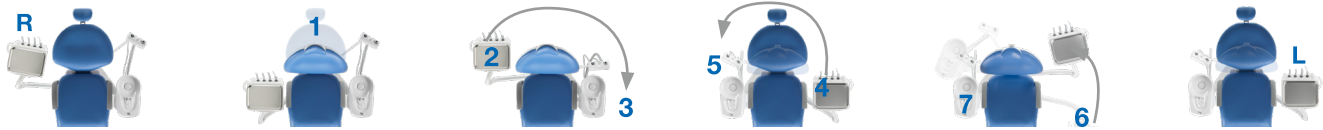
Control chair movements and instruments at the foot controls. Voyager III is an uncluttered, simple and reliable working partner which allows the Operator full control with the option of mounting a control panel on the Operator's console.

300 LED Series



Voyager III qualities

High value ambidextrous workflow-efficiency for Dentists and Hygienists



To begin, raise and incline chair and release cuspidor locking pin

Finally, position cuspidor and secure cuspidor locking pin

Swing table and cuspidor round to opposite sides

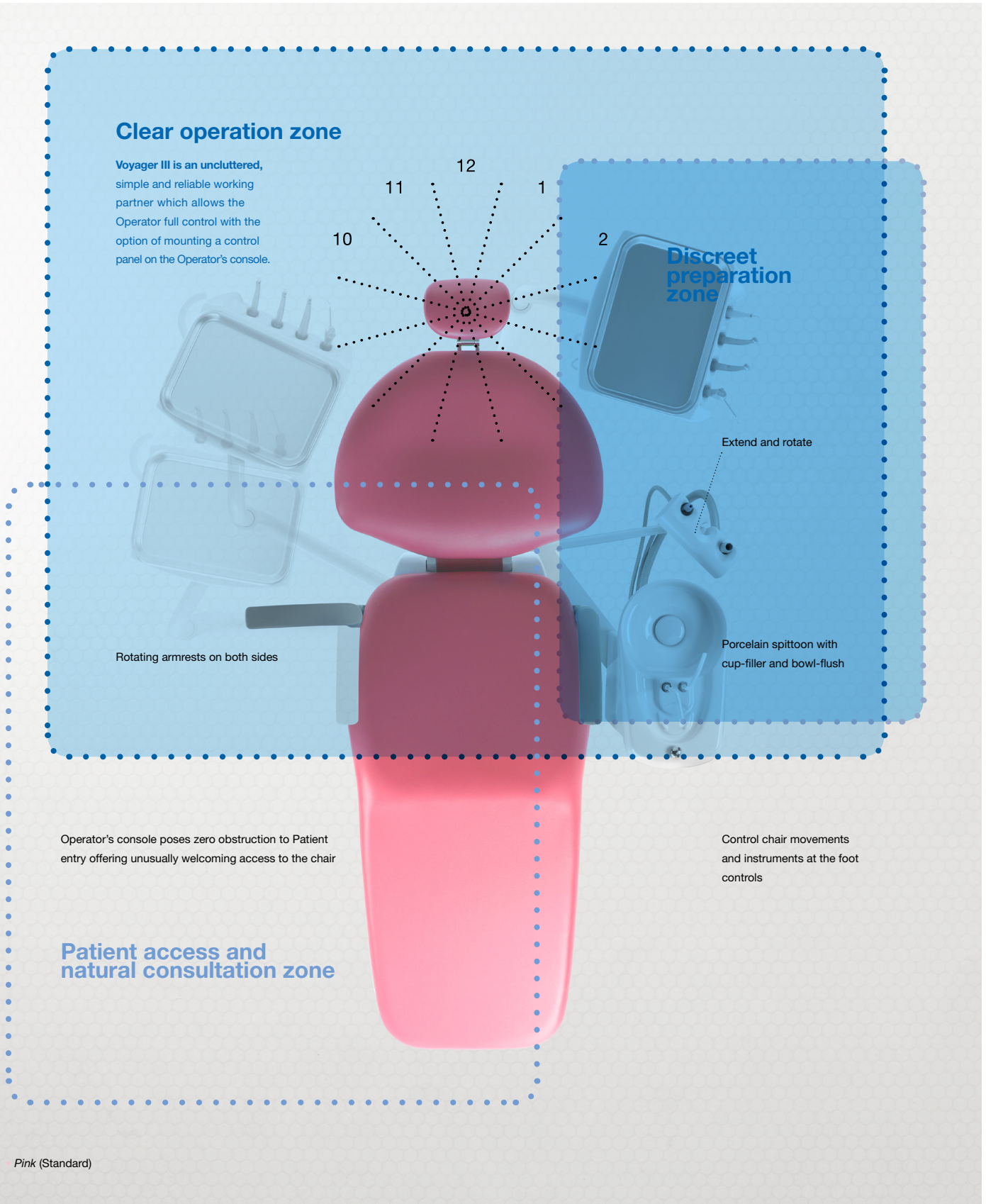
The cuspidor passes inside the console

Both the Operator's console and cuspidor easily rotate around the chair on centralised pivots below the backrest

60 second changeover requires no tools, no particular strength or technique and results in identical conditions for left- and right-handed Operators.

Voyager III 'Surgery System' right-handed set up

Ambidextrous treatment centre



Clear operation zone

Voyager III is an uncluttered, simple and reliable working partner which allows the Operator full control with the option of mounting a control panel on the Operator's console.

Discreet preparation zone

Operator's console poses zero obstruction to Patient entry offering unusually welcoming access to the chair

Patient access and natural consultation zone

Extend and rotate

Porcelain spittoon with cup-filler and bowl-flush

Control chair movements and instruments at the foot controls

Voyager III 'Flexible SP'

Clutter-free, easy-clean packages for specialist preferences

Ambidextrous treatment centre

Lowered chair and opened armrest pose an easy entry

'Flexible System' key features:

Chair:

- Twin-articulating headrest
- Lumbar support
- Chair preset positions
- Swing-out armrests (both sides)
- 8-way foot control

Cuspidor:

- Ambidextrous, 90° rotatable
- Porcelain spittoon bowl
- Manual cup-filler and bowl-flush
- Assistant's console
- Detachable high-volume evacuator and saliva ejector
- Detachable solids collector



Obstruction-free zone for easy entry and exit



ic-DF

• Laurel (Ultrasoft Pro)

The epitome of Operator-friendliness, with equal left- and right-handed compatibility, the simplicity of Voyager III is a blessing. Space-saving and highly efficient, the 'Flexible SP' package allows you to choose the delivery system most fitting to your Practice and your working method.



Voyager III 'M'

Voyager III 'MC' key features:

- Air operation option
- Smooth-running castors
- Height-adjustable
- Foot control for instruments
- Tube-tidy and foot control plate
- Removable stainless steel tray

Voyager III 'MC'



300 LED Series

Voyager III

Packages, 'Flexible' systems and compatible equipment

Package notes: Air (A) operation on all Voyager III treatment centre packages

Voyager III treatment centre packages

Surgery System



Chair, Operator's table and cuspidor with Assistant's console

Flexible SP



Chair and cuspidor with Assistant's console

Voyager III compatible modular & mobile delivery systems

Clesta II 'MC' (A)



Air version

Clesta II 'MC' (E)



Electric version

Clesta II 'M' (A)



Air version

Clesta II 'M' (E)



Electric version

Voyager III 'MC' (A)



Air operation

Voyager III 'M' (A)



Air operation

LED operating light options

900 LED Series



10 LEDs

300 LED Series



5 LEDs

Halogen operating light options

700 Series



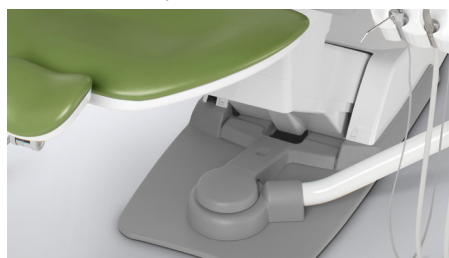
Halogen

Voyager III

Features and options

Below-the-Patient delivery system

Base-mounted delivery arm



Central pivot delivers ambidextrous delivery

Holder Type



3 handpiece outlets

'Flexible' and bespoke delivery options



Voyager III 'MC'



Voyager III 'M'

Operator's table & console options

Air operation



Hygiene-conscious design and easy-clean surfaces

Operator's control panel option



For chair movements

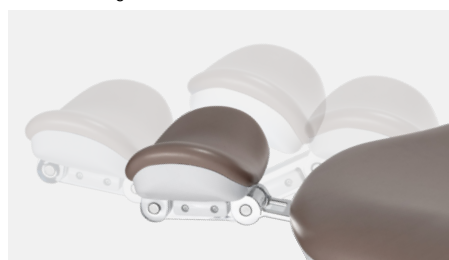
Rectangular, Below-the-Patient table



Removable stainless steel tray

Chair features

Twin-articulating headrest



Ultra-versatile movements operated by one hand, fitting for various Patient heights including small children

Ultra-slim backrest

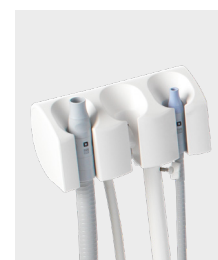


Cuspidor features

Porcelain spittoon



Assistant's console



Hygiene-conscious, easy-clean cuspidor, spittoon and Assistant's console

Upholstery options

Seamless upholstery



Available with UltraSoft Pro, UltraSoft or Standard fabric

Operating light mounting options

300 LED Series light as example



Chair-mounted for Voyager III



Ceiling-mounted with pole length options

Takara Belmont (UK) Ltd.

London Head Office & Showroom

Belmont House, One St. Andrews Way, Bow, London E3 3PA

T. 020 7515 0333

F. 020 7537 6102

Manchester Showroom

7 Quays Reach, Carolina Way, Salford, Manchester M50 2ZY

T. 0161 743 9992

E. dental@takara.co.uk

 **Belmont**