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› Belmont Quolis 5000 Dental Chair User Manual

Takara Belmont USA, Inc Quolis 5000

Belmont Quolis 5000 Dental Chair User Manual

Model: Quolis 5000 (BLM-Q-5000)

Brand: Takara Belmont USA, Inc.

1. INTRODUCTION

Welcome to the user manual for the Belmont Quolis 5000 Dental Chair. This document provides essential information regarding the safe and effective setup, operation, maintenance, and troubleshooting of your dental chair. Please read this manual thoroughly before installation and use, and retain it for future reference. Proper understanding and adherence to these instructions will ensure optimal performance and longevity of the product.

2. SAFETY INFORMATION

The Belmont Quolis 5000 Dental Chair is designed for professional dental use. Adherence to safety guidelines is paramount to prevent injury to patients or operators and to avoid damage to the equipment. Only qualified personnel should install, operate, and service this chair.

- **Professional Installation:** The chair must be installed by a certified technician in accordance with local regulations and manufacturer guidelines.
- **Power Supply:** Ensure the chair is connected to a properly grounded power outlet with the correct voltage. Do not use extension cords.
- **Patient Safety:** Always ensure the patient is properly seated and stable before operating the chair. Do not leave patients unattended in a moving chair.
- **Operator Awareness:** Keep hands and clothing clear of moving parts during operation.
- **Emergency Stop:** Familiarize yourself with any emergency stop functions.
- **Cleaning:** Use only approved cleaning agents and methods to prevent damage to surfaces and internal components.

3. PRODUCT OVERVIEW

The Belmont Quolis 5000 Dental Chair is engineered for patient comfort and operator efficiency, featuring an advanced electro-hydraulic operating system and ergonomic design.



An image of the Belmont Quolis 5000 Dental Chair, featuring its ergonomic design with a dark grey upholstery, adjustable headrest, and a sturdy base.

Key Features:

- **Seat Positioning System:** Smoothly and gently glides patients into the desired treatment position, reducing patient stress and anxiety.
- **Electro-Hydraulic Operating System:** Utilizes a reliable Belmont electro-hydraulic system for precise and quiet movement.
- **Synchronous Movement:** Backrest and seat move in conjunction to perfectly fit the patient's natural body motion, enhancing comfort.
- **Thin, Narrow Backrest:** Designed to provide patient comfort while improving operator access to the patient's oral cavity.
- **Articulating Dual Axis Headrest:** Accommodates the anatomy of each patient for optimal head support and positioning.

4. SETUP

The Belmont Quolis 5000 Dental Chair requires professional installation. Do not attempt to install the chair yourself unless you are a certified technician. Improper installation can lead to equipment malfunction, injury, or voiding of the warranty.

Installation Steps (Performed by Certified Technician):

1. **Unpacking:** Carefully unpack all components and inspect for any shipping damage.
2. **Positioning:** Place the chair base in the desired location, ensuring adequate space for full range of motion and patient access.
3. **Electrical Connection:** Connect the chair to a dedicated, grounded electrical outlet according to local electrical codes.
4. **Assembly:** Assemble the chair components (e.g., backrest, seat, headrest, armrests) as per the detailed installation guide provided to the technician.
5. **Initial Testing:** Perform functional tests to ensure all movements and controls operate correctly and smoothly.
6. **Calibration:** Calibrate any necessary settings for optimal performance.

5. OPERATING INSTRUCTIONS

The Quolis 5000 Dental Chair is operated via integrated controls, typically foot or hand controls (not explicitly detailed in product information, but standard for dental chairs). Familiarize yourself with the control panel layout before patient use.

Basic Operation:

- **Power On/Off:** Locate the main power switch, usually on the chair base or control unit.
- **Chair Up/Down:** Use the designated controls to raise or lower the entire chair.
- **Backrest Adjustment:** Adjust the backrest angle independently or synchronously with the seat.
- **Seat Tilt:** Adjust the seat tilt to achieve the desired patient position.
- **Headrest Adjustment:** The dual-axis headrest can be adjusted for height and angle to comfortably support the patient's head. Loosen the locking mechanism, position the headrest, and then secure the mechanism.
- **Pre-set Positions:** Many chairs include programmable pre-set positions for common procedures. Refer to your specific control panel for programming and recall instructions.
- **Emergency Stop:** In case of an emergency, activate the emergency stop button (if present) to immediately halt all chair movement.

6. MAINTENANCE

Regular maintenance ensures the longevity and reliable operation of your Belmont Quolis 5000 Dental Chair. Always disconnect power before performing any maintenance or cleaning.

Daily Maintenance:

- **Cleaning Upholstery:** Wipe down all upholstery surfaces with a mild, non-abrasive disinfectant solution approved for dental equipment. Avoid harsh chemicals that can damage the material.
- **Cleaning Hard Surfaces:** Clean plastic and metal surfaces with a damp cloth and mild detergent.
- **Inspection:** Visually inspect the chair for any signs of wear, loose components, or damage.

Periodic Maintenance (Monthly/Quarterly):

- **Lubrication:** Check and lubricate moving parts as recommended by the manufacturer's detailed service manual (for technicians).
- **Fastener Check:** Ensure all screws and fasteners are tight.
- **Cable Inspection:** Inspect power cords and control cables for any signs of fraying or damage.

Professional Servicing:

It is recommended to have the chair professionally serviced by a certified Belmont technician at least once a year, or more frequently depending on usage. This ensures proper calibration, component inspection, and preventive maintenance.

7. TROUBLESHOOTING

This section provides basic troubleshooting steps for common issues. For complex problems or issues not resolved by these steps, contact a certified service technician.

Common Issues and Solutions:

- **Chair Does Not Move:**

- Check if the main power switch is ON.
- Ensure the power cord is securely plugged into the outlet and the chair.
- Verify that the circuit breaker has not tripped.
- Check for any activated emergency stop buttons.

- **Movement is Jerky or Slow:**

- This may indicate an issue with the hydraulic system or motor. Contact a service technician.

- **Unusual Noises During Operation:**

- Cease operation immediately. Unusual noises can indicate mechanical failure. Contact a service technician.

- **Controls Unresponsive:**

- Check for any visible damage to the control cables or panel.
- Restart the chair by turning the main power off and then on again.
- If the issue persists, contact a service technician.

8. SPECIFICATIONS

Specification	Detail
Model Number	BLM-Q-5000
ASIN	B01DALYCFE
Manufacturer	Takara Belmont USA, Inc
First Available	March 22, 2016
Operating System	Electro-hydraulic
Headrest	Articulating Dual Axis

9. WARRANTY AND SUPPORT

For specific warranty information regarding your Belmont Quolis 5000 Dental Chair, please refer to the warranty card included with your purchase or contact Takara Belmont USA, Inc. directly. Warranty terms typically cover manufacturing defects for a specified period from the date of purchase.

Customer Support:

If you require technical assistance, service, or have questions about your dental chair, please contact Takara

Belmont USA, Inc. customer support. Ensure you have your model number (Quolis 5000 or BLM-Q-5000) and date of purchase available when contacting support.

Manufacturer: Takara Belmont USA, Inc.

Please visit the official Takara Belmont USA, Inc. website for the most current contact information and support resources.