



BD Surgical Clippers

Setting the standard in pre-operative hair removal



Introduction

The BD Surgical Clippers quickly remove hair in a single pass, while reducing the risk of skin irritation and infection compared to traditional razors.¹⁻⁶ We consulted clinicians and incorporated the features they recommended to deliver a durable model which is easy to use and to clean, with a long life and long run time.

The versatility, hygiene, and performance of our BD Surgical Clippers along with the single use disposable head, which potentiality reduces the microscopic skin trauma, makes them suitable for any area of your healthcare facility.



The effects of clipping vs. shaving

In studies where multiple infection prevention initiatives were implemented that included replacing razors with surgical clippers, infection rates were lowered.[†]

Study	Razor	Clipper
Liau ¹ (2010)	3.1%	0.5%
Graf ² (2009)	3.6%	1.8%
Trussell ³ (2008)	3.5%	1.5%
Dellinger ⁴ (2005)	2.3%	1.7%
Alexander ⁵ (1983)	6.4%	1.8%
Ko ⁶ (1992)	1.31%	0.6%

[†]Based on results from the AM clipper method. The AM clipper method was associated with significantly fewer infections than were the other methods, both at discharge and at 30-day follow-up.



Recommended by healthcare organisations

As a result, these leading healthcare organisations recommend hospitals use surgical clippers instead of razors when preoperative hair removal is necessary:

International guidelines

- World Health Organization (WHO)⁷
- The Institute of Healthcare Improvement⁸

U.S. guidelines

- Centers for Disease Control and Prevention (CDC)⁹
- Association of Perioperative Registered Nurses (AORN)¹⁰

European guidelines

- National Institute for Health and Clinical Excellence (NICE)¹¹
- Kommission für Krankenhaushygiene und Infektionsprävention (KRINKO)¹²
- Société Française d'Hygiène Hospitalière¹³
- Prevenzione delle infezioni del sito chirurgico, Emilia Romagna Region¹⁴
- Prevenir la Infección del Lugar Quirúrgico, Plan Nacional Resistencia Antibióticos¹⁵



Choose our surgical clippers for efficient, high performance clipping

Our durable, efficient clippers support patient perioperative hair removal in a single pass and minimise the risk of compromising the skin. The BD Surgical Clippers set the standard in perioperative hair removal - thanks to:

Performance

Surgical clipper blades provide a close cut while maintaining skin integrity. The cutting ability, closeness of cut and specific head types for each hair type allow to remove hair in a single pass.

Versatility

A single handle with easy to change clipping heads make it ideal for any area of your healthcare facility.

Hygiene

Can be used in wet or dry clipping conditions and is fully submersible* for enhanced disinfection.

Safety

Main guidelines recommend clipping vs shaving to help minimise the risk of infection.



Durable materials

Durable external material increases compatibility with commonly used disinfectants.

Reliable ergonomics

40° angled ergonomic handle allows seamless hair removal.

New smooth button design makes cleaning easier.

Energy efficient technology

Battery life indicator alerts clinicians of low level charge.

Charging indicator.**

Lithium-ion battery technology facilitates longer run time and improves energy efficiency.

Instructions for use

Follow these steps for proper surgical clippers use and disposal for all clipper blades.

Step 1: Attach the blade

With gloves on, position a new blade on the top of the clipper head. Align the mark on the clipper blade to the arrow. Slide the blade toward the dot to secure it in place until you hear a click.

Step 2: Clip the hair

With logo facing up, hold Clipper at an approximate 40° angle to the patient, (hold between thumb and forefinger with hand underneath, similar to using a pen or a pencil, or with a standard over grip). Glide face of blade gently against surface of skin.

Step 3: Remove the blade

Turn the clipper off, position the clipper blade facing down over a sharps bin, and use your thumb to push the blade forward along the blade frame.

Step 4: Clean the clipper handle

Wash the clipper handle thoroughly with soap and water, then wipe the device with surface disinfectant or soak the handle in an antimicrobial agent for no more than 30 minutes.*

Step 5: Charge and store

Place the clipper handle in an upright position in the charging adapter. Lithium-ion battery technology facilitates longer runtime and improves energy efficiency. A battery life indicator light flashes blue to alert clinicians when to charge the unit.**



Hair-removal recommendations

Follow these steps for proper surgical clippers use and disposal for all clipper blades.

- Always rest the base of the clipping blade flat against the patient's skin. Do not change the angle or toe in the blade in an attempt to get a closer clip. Little to no downward pressure is needed for the clipper to remove hair.
- Always hold the skin taut with one hand while clipping with the other to ensure a smooth surface for clipping. This technique is especially important when clipping areas with loose skin. Avoid clipping over skin tags and other inconsistencies on the surface of the skin.
- Always move the clippers away from your body with a gentle push. Do not pull the clippers toward you across the patient's skin, and never apply a greater force than necessary.



Ordering information		
Cat No.	Description	Qty. (cs.)
5513E	Rechargeable surgical clipper	1
5514E	Charging adapter - EU	1
5514U	Charging adapter - UK	1
4406	General purpose blade	50
4412A	Neuro blade	20
4403A	SensiClip™ blade	20



BD offers three blade options for perioperative hair removal

Designed for a variety of procedures, each blade provides a close cut while maintaining skin integrity.



General purpose blade

Provides a versatile, effective solution to quickly remove all types of body hair with a cut that's similar to a razor.



Neuro blade

Designed for fast, convenient removal of thick hair on the scalp, usually in a single pass for a lower chance of skin irritation.



SensiClip™ blade

Specially for sensitive and hard-to-reach areas, the unique SensiClip blade is designed to optimise maneuverability, ease-of-use and safety.


References


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10. Association of Perioperative Registered Nurses. Recommended Practices for Preoperative Patient Skin Antisepsis. 2011 Perioperative Standards and Recommended Practices.
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13. Société Française d'Hygiène Hospitalière <https://www.sf2h.net/wp-content/uploads/2016/05/Recos-Antisepsie-SF2H-2016.pdf>, p.59
14. Prevenzione delle infezioni del sito chirurgico, Emilia Romagna Region, <http://assr.regione.emilia-romagna.it/it/servizi/pubblicazioni/dossier/doss261>
15. Prevenir la Infección del Lugar Quirúrgico, Plan Nacional Resistencia Antibióticos https://www.resistenciaantibioticos.es/es/system/files/content_images/programa_para_prevenir_infeccion_lugar_quirurgico.pdf

* BD Surgical Clippers can be cleaned with most alcohol-based antimicrobial agents or dilute acids/bases. Disinfectants containing benzyl alcohol can cause chemical damage to the external surface of the clipper handle or charger. This could void the warranty on the device. Submersion cannot exceed one meter depth for up to 30 minutes.

** It is recommended that clinicians unplug the charger from a power source when the solid orange light is no longer illuminated, indicating the device is fully charged.

Please contact your local BD representative for more information.

 The BD surgical clipper and its accessories are class 1 medical devices, CE marked according to the European Medical Regulation (EU) 2017/745 of the European Parliament and of the Council on Medical Devices. Read complete instructions for use provided with the device.

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