Disposable Plastic Handle Surgical Scalpel

Cat.No. 510601-510630

Intended Use

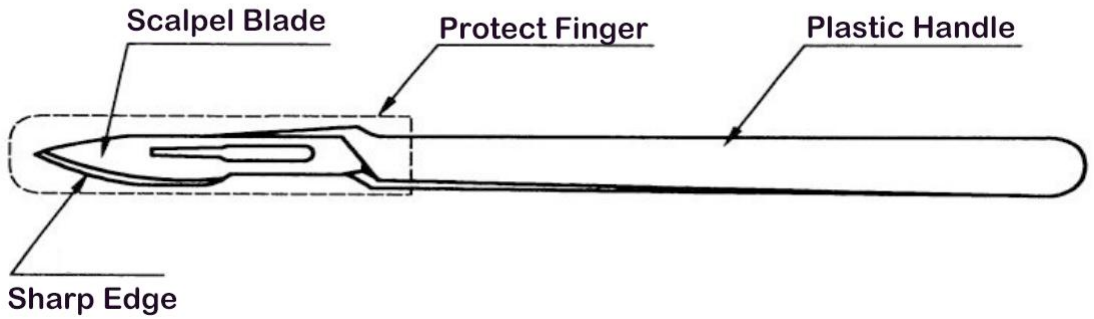
Sterile surgical blades & scalpels with plastic handles are applied to incision soft tissues of the human body in the clinic.

Application

The surgical scalpels can be applied to surgical incisions in the department of surgical, gynecology, obstetrics, urology, orthopedics, orthopedics, and stomatology.

Product Structure

- The knife edge line is gliding with two edges. Blade thickness is 0.4mm and an applied knife hole could be worked in every standard handle. Good Blade body met different clinical demands.
- Blade holes have two sizes: large and small, which conform to GB8662 standard, and could be worked in every standard knife handle.



Picture 1. surgical scalpel drawing

Blade Material Of Surgical Scalpel

Carbon steel

The disposable surgical scalpel blade is made of tool steel T10, import tool steel SK4, and SK2. The material has good tenacity, is wearable, and meets the requirement of GB1298 standard. The surgical blade hardness could be more than 800HV10 by heat treatment.

Stainless steel

The surgical scalpel blade mainly is made of 4Cr13 stainless steel met YY0174 standard and GB3280 standard. The material has good tenacity, wearable applied to blade producing. The blade hardness could be more than 700HV10 by heat treatment.

Specification

Cat. No.	Description	Qty/case
Disposable Carbon Steel Surgical Scalpel		
510601	No.10	500
510602	No.11	500
510603	No.12	500
510604	No.13	500

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510605	No.14	500
510606	No.15	500
510607	No.16	500
510608	No.18	500
510609	No.19	500
510610	No.20	500
510611	No.21	500
510612	No.22	500
510613	No.23	500
510614	No.24	500
510615	No.25	500
Disposable Stainless Steel Surgical Scalpel		
510616	No.10	500
510617	No.11	500
510618	No.12	500
510619	No.13	500
510620	No.14	500
510621	No.15	500
510622	No.16	500
510623	No.18	500
510624	No.19	500
510625	No.20	500
510626	No.21	500
510627	No.22	500
510628	No.23	500
510629	No.24	500
510630	No.25	500

Capability

- After heat treatment, carbon steel surgical blade hardness should be more than 800HV10, stainless steel surgical blade should be more than 700HV10.
- Incision force should be less than 0.8N when cutting the 1# suture.
- Surgical Blade body surface roughness Ra≤0.4μm, blade cut edge surface roughness Ra≤0.8μm.
- Surgical scalpel blade has good elasticity which transmutation conformed to YY/T0174 after elasticity test.
- Connection of sterile surgical blade and surgical scalpel handle.
- Blade hole is conformed to GB8662 standard, and could be worked in every standard knife handle, so disassembly is easy and safe.

Instruction For Use

1. According to the user's body shape and location, select the appropriate type of surgical blade.
2. Install the surgical blade on the handle. It is best to use surgical blade assembly equipment.
3. This surgical grade scalpel is sterilized product, open the package and use directly.

Forbid using

1. Forbid using the disposable surgical scalpel if the package is broken.

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2. Forbid using the disposable surgical scalpel if the blade is broken.

Notice:
1. Choose the right surgical blade and handle according to the operation.
2. The sutures have been sterilized which can be used immediately not to re-sterile.
3. Carefully operation avoids damaging the blade point and knife edge.
4. Operator must operate based on the rule avoid to cutting in operation.
5. The castoff should be disposed of after use.
6. The medical surgical scalpel should be stored in dry surroundings which have clean not causticity gas. It should be avoid to pressure, sunshine point-blank, and rainwater.

Warning
1. Packing damage is prohibited used.
2. Surgical blades are sterilized by Gamma Ray.
3. Surgical blade is a disposable product, and shall not be reused to prevent cross-infection.
4. The surgical scalpel should be used by professional physicians, not allowed by non-professional doctors.
5. After use, the surgical scalpels should be centralized and then treated according to medical device waste.
6. The disposable surgical scalpels are valid for five years and are not allowed to be used in excess of the expiry date.
7. This disposable surgical scalpel should be stored in a relative humidity of no more than 80%, with no corrosive gas, and well-ventilated indoors.

Storage
The safety surgical scalpel should be stored in 25℃ room-temperature surrounding which have 80% wetness and clean not causticity gas.

Classification of product
Sterile surgical blade, in the clinic, is only applied to incision human soft tissues and non-absorbable in human body. Therefore, it is classified as Ⅱ a class medical device, according to the regulation in Rule 6 of Classification Rules in Annex Ⅸ among Medical Device Directive.

Shelf Life
The surgical scalpel is guaranteed to safe use within 5 years of expiry date in the normal storage conditions.