

## Application

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AbGel &ndash; Absorbable Gelatin Sponge USP is non-toxic, non-allergenic, non-immunogenic, and non-pyrogenic. AbGel is already gamma-sterilized, it should not be re-sterilized. Double packing is provided to maintain the sterility of the product. The sponge is easily cut to fit the bleeding surface. It may be applied dry or saturated with physiological salt solution or thrombin or any antibiotic solution. to the wound using pressure. The origin and degree of bleeding will determine the precise time and number of sponges required for haemostasis. Press

AbGel firmly on the bleeding site, it will become fixed within a short period of time and thus control bleeding. With the AbGel can be left in situ and is fully absorbed.

AbGel absorbs 40-50 times, its weight of whole blood and adheres easily to the bleeding site. The uniform porosity of AbGel guarantees a favourable haemostasis. When implanted in vivo, it is completely absorbed within 3-5 weeks.

AbGel &ndash; Absorbable Gelatin Sponge USP is a fast working, absorbable haemostatic device. It has wide range of applications. It has very effective and stops bleeding fast and used in various surgeries like:

- Dental Surgery : AbGel may be used in oral surgery, dry or saturated with thrombin solution to control bleeding in extractions and apicentomies especially in patients with a tendency to bleed extensively.
- Malingnancy : AbGel moistened with physiological salt solution or thrombin solution stops bleeding from tumor beds after
- Abdominal Surgery : AbGel may be used dry, saturated with physiological salt solution or with thrombin solution. It is highly effective in stopping bleeding of the denuded visceral surfaces especially of the gall bladder, liver and spleen.
- Orthopedic Surgery : AbGel moistened with physiological salt solution or thrombin solution, can be used to control bleeding from bone tissue. It does not interfere with healing process and is readily absorbed.
- Neuro Surgery : AbGel moistened with thrombin solution is effective in repairing torn dural venous sinuses to which ligatures can not or should not be applied, in stopping oozing from the dura under edges of the bone flap, in controlling bleeding in hemiated disc operations, in osseous bleeding and epidural bleeding in laminectomy.

- Genito Urinary Surgery: Abgel embedded nephrotomy incisions controls the bleeding without interfering with the healing process. Urinary wetting will not prevent absorption of the gelatin sponge. It will control hemoerrhage following suprapubic prostatectomy and retrobubic prostatectomy.
  
- Anorectal Surgery: AbGel is effective and well tolerated as a haemostatic dressing for the control of anal bleeding during plastic repair of an imperforate anus, and following hemorrhoidectomy and fistula operations.
  
- Gynaecological Surgery: AbGel of inestimable value in controlling bleeding during veginal plastic operations, extensive pelvic dissections, cervical amputation and biopsy and secondary bleeding after abdominal hysterectomy. It is not to be used menorrehagia or to contrl post-partum bleeding.
  
- Otolaryngological Surgery: AbGel saturated with physiological salt solution eliminates post operative bleeding in sub mucous resections. Strip of AbGel placed in the nose and held for a few seconds will prevent bleeding following removal of nasal polyps. The same procedure can be utilized to control bleeding following sinus operations, adenoidectomy and tonsillectomy. The gel packing will disappear in approx five days.