3M | Prevena™ Incision Therapy

PRM | Proactive Risk Management (PRM) with 3M™ Prevena™ Therapy

Clinical evidence (level I):
Orthopedic surgery, TKA & THA

Patient and procedure risk stratification backed by clinical evidence

While surgical patients may benefit from Prevena Therapy, patients at high risk for complications such as surgical site infection may see added benefit. The following uses select study data[1-3] to provide an illustrative guide to aid in risk stratification. This is not an all-inclusive list of risk factors. Clinicians are advised to use their clinical judgment to identify high-risk patients or high-risk procedures.

Start here

Patient Risk Stratification
Hip and knee arthroplasty

Does the patient have **at least one** of the following risk factors for developing surgical site complications?

- ☐ Obesity (e.g.BMI>35 kg/m2)
- ☐ Active tobacco use
- ☐ Diabetes mellitus
- ☐ Autoimmune disease
- ☐ Chronic kidney disease
- ☐ Non-aspirin anticoagulation
- ☐ Staphylococcus aureus nasal colonization

Yes

No

Procedure Risk Stratification
Hip and knee arthroplasty

Is the procedure **high risk**?

- ☐ Emergency surgery
- ☐ Revision surgery
- ☐ Extended surgical time
- ☐ Traumatized soft tissue
- ☐ High-tension incision
- ☐ Multiple incisions

Yes

No

Consider Prevena Therapy

For additional safety information and instructions for use, consult the 3M™ Prevena™ Incision Management System Clinician Guide or contact your local 3M representative.

Standard Dressing

References

1. Willy C, Agarwal A, Andersen CA, De Santis G, Gabriel A, Grauhan O, Guerra OM, Lipsky BA, Malas MB, Mathiesen LL, Singh DP, Reddy VS. Closed incision negative pressure therapy: international multidisciplinary consensus recommendations. Int Wound J. 2017 Apr;14(2):385-398. **OPEN ACCESS**

2. Higuera-Rueda CA, Emara AK, Nieves-Malloure Y, Klika AK, Cooper HJ, Cross MB, Guild GN, Nam D, Nett MP, Scuderi GR, Cushner FD, Piuzzi NS, Silverman RP. The Effectiveness of Closed-Incision Negative-Pressure Therapy Versus Silver-Impregnated Dressings in Mitigating Surgical Site Complications in High-Risk Patients After Revision Knee Arthroplasty: The PROMISES Randomized Controlled Trial. J Arthroplasty. 2021 Jul;36(7S):S295-S302.e14. **OPEN ACCESS** *Note that the length of therapy may be outside the range recommended in the Instructions for Use.*

3. Newman JM, Siqueira MBP, Klika AK, Molloy RM, Barsoum WK, Higuera CA. Use of Closed Incisional Negative Pressure Wound Therapy After Revision Total Hip and Knee Arthroplasty in Patients at High Risk for Infection: A Prospective, Randomized Clinical Trial. Journal of Arthroplasty. 2019 Mar;34(3):554-559. **OPEN ACCESS** *Note that the length of therapy may be outside the range recommended in the Instructions for Use.*

Advancing the standard of care.

View the orthopedic clinical evidence summary

3M

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3M™ Prevena™ 125 Therapy Unit and 3M™ Prevena™ Plus 125 Therapy Unit manage the environment of closed surgical incisions and remove fluid away from the surgical incision via the application of -125mmHg continuous negative pressure. When used with legally marketed compatible dressings, Prevena 125 and Prevena Plus 125 Therapy Units are intended to aid in reducing the incidence of seroma; and, in patients at high risk for post-operative infections, aid in reducing the incidence of superficial surgical site infection in Class I and Class II wounds.

The effectiveness of Prevena Therapy in reducing the incidence of SSIs and seroma in all surgical procedures and populations has not been demonstrated. See full indications for use and limitations at mykci.com.

The indication statement does not apply to the Prevena Plus 125 Therapy Unit (14-Day) that comes with the 3M™ Prevena Restor™ System Kits (see Prevena Restor System Instructions for Use).

NOTE: Specific indications, limitations, contraindications, warnings, precautions and safety information exist for these products and therapies. Please consult a clinician and product instructions for use prior to application. Rx only.