



QuikClot[®]

for Interventional
and Diagnostic
Procedures

INTRODUCING QuikClot® Interventional® & QuikClot® Radial®

QuikClot Interventional (QCI) and QuikClot Radial (QCR) hemostatic dressings are two innovative hemostatic devices targeted for use in diagnostic and interventional procedures. Unlike standard gauzes, they stop bleeding faster, even on anticoagulated patients.^{1,2}

- FDA/CE cleared for the local management and control of surface bleeding from vascular access sites, percutaneous catheters or tubes utilizing introducer sheaths up to 12 Fr.
- FDA/CE cleared for patients on drug-induced anticoagulation treatment for up to 7 Fr.

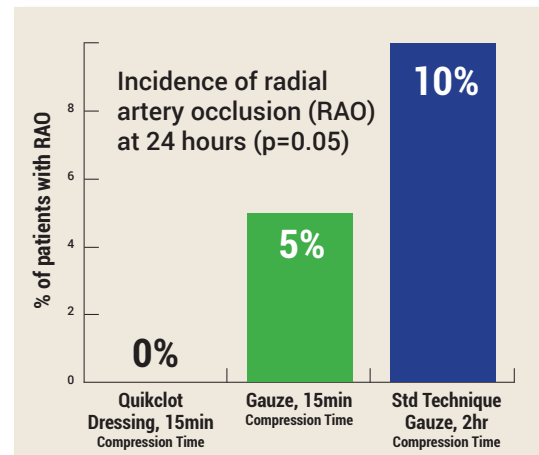
Superior Bleeding Control Clinically proven efficacy and safety

| | QuikClot Gauze (n=100) | Manual Compression (n=100) | P Value |
|--------------------------------|------------------------|----------------------------|---------|
| Mean Hemostasis Time (minutes) | 5.4 ± 1.5 | 26.2 ± 15 | <0.001 |
| Cumulative Frequencies | | | |
| 5 minutes | 83% | 10% | <0.001 |
| 6 minutes | 91% | 30% | <0.001 |
| 8 minutes | 100% | 38% | <0.001 |

Trabattoni D, Montorsi P, Fabbicocchi F, Lualdi A, Gatto P, Bartorelli A. A new kaolin-based haemostatic bandage compared with manual compression for bleeding control after percutaneous coronary procedures. *Eur Radiol.* 2011;21:1687-1691.

Fast & Effective:

- Promotes clotting within minutes of application^{1,4}.
- Stops bleeding faster than standard gauze⁵
- Works on drug-induced, anticoagulated patients^{1,2}



Politi L, Aprile A, Paganelli C, et al. Randomized clinical trial on short-time compression with kaolin-filled pad: a new strategy to avoid early bleeding and subacute radial artery occlusion after percutaneous coronary intervention. *J Interven Cardiol.* 2011;24:65-72.

Safe & Comfortable:

- Non-invasive and does not cause vascular complications
- No oozing or hematomas after achieving hemostasis, and post-ambulation⁴
- "Allows for a shorter and painless hemostasis procedure"⁴

Intuitive and Efficient Solution QuikClot for you and your team

Easy-to-use:

- Familiar format that does not require intensive training⁵
- Conforms readily to wound site
- Simple application and short compression time minimizes hand fatigue and allows more time to care for patients

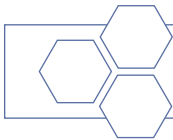
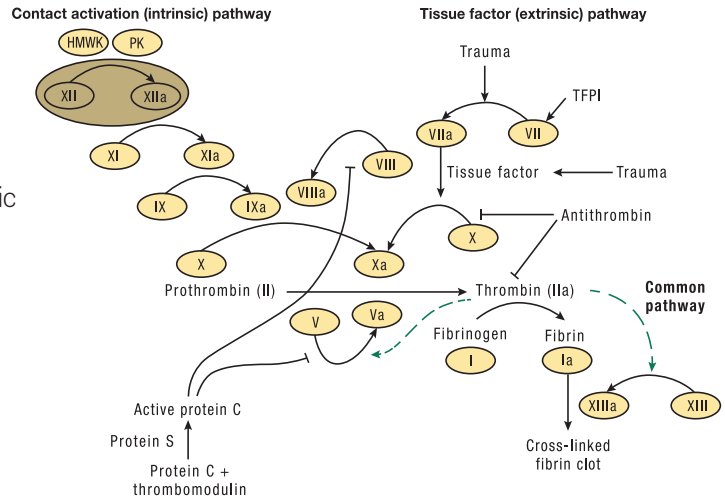
Cost-effective:

- A cost-effective alternative to expensive vascular closure devices
- Reduces need for further costly treatments due to access-site complications⁵
- Shortens post-procedure and ambulation times⁴; enables more cases to be treated per day

The Kaolin Difference

Understanding how QuikClot works

QuikClot is nonwoven gauze impregnated with kaolin, using a proprietary methodology. Kaolin is a naturally occurring, inorganic mineral that accelerates the body's natural clotting process.^{1,6} Kaolin works on contact with blood to immediately initiate the clotting process by activating factor XII.⁵ This reaction leads to the transformation of factor XII to its activated form XIIa, which instigates the rest of the coagulation cascade.⁷



QuikClot devices do not contain animal proteins, human proteins, shellfish, or botanicals, which could potentially cause adverse allergic reactions.



QUIKCLOT® INTERVENTIONAL®

QuikClot Interventional comes in pad form with or without an adhesive bandage.

Recommended for hemostasis use in diagnostic and interventional procedures.



QUIKCLOT® INTERVENTIONAL® PRE-SLIT

QuikClot Interventional Pre-Slit comes in pre-slit pad form with or without an adhesive bandage.

Recommended to easily fit around catheters, tubes or introducer sheaths where bleeding or oozing is a problem.



QUIKCLOT® RADIAL®

QuikClot Radial comes in roll form with a unique direct pressure adhesive bandage. The direct pressure bandage holds the roll dressing in place in order to maintain constant downward pressure required for compression.

Recommended for hemostasis use in diagnostic and interventional procedures.



All QCI, QCI Pre-slit and QCR are made of soft, white, nonwoven, hydrophilic gauze material impregnated with kaolin, that is both safe and effective in accelerating the body's natural clotting cascade^{1,6} without any exothermic reaction.

REFERENCES

1. Trabattoni D, Montorsi P, Fabbicocchi F, Lualdi A, Gatto P, Bartorelli AL. A new kaolin-based haemostatic bandage compared with manual compression for bleeding control after percutaneous coronary procedures. *Eur Radiol.* 2011;21:1687-1691.
2. Pahari M, Moliver R, Lo D, Pinkerton D, Basadonna G. QuikClot Interventional Hemostatic Bandage (QCI): a novel hemostatic agent for vascular access. *Cath Lab Digest.* 2010;18(1):28-30.
3. Kheirabadi BS, Scherer MR, Estep JS, Dubick MA, Holcomb JB. Determination of efficacy of new hemostatic dressings in a model of extremity arterial hemorrhage in swine. *J Trauma.* 2009;67:450-460.
4. Trabattoni D, Gatto P, Bartorelli AL. A new kaolin-based hemostatic bandage use after coronary diagnostic and interventional procedures. *Int J Cardiol.* 2012;156(1):53-54.
5. Politi L, Aprile A, Paganelli C, et al. Randomized clinical trial on short-time compression with kaolin-filled pad: a new strategy to avoid early bleeding and subacute radial artery occlusion after percutaneous coronary intervention. *J Interv Cardiol.* 2011;24(1):65-72.
6. Lamb KM, Pitcher HT, Cavarocchi NC, Hirose H. Vascular site hemostasis in percutaneous extracorporeal membrane oxygenation therapy. *Open Cardiovasc Thorac Surg J.* 2012;5:8-10.
7. Dee KC, Puleo DA, Bizios R. *An Introduction to Tissue-Biomaterial Interactions.* Hoboken, NJ: Wiley & Sons; 2002.



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MCM-662_032917