

What if You Could Seal Off an Access Site?

Case Study: PRO QR to Control Oozing from a Temporary Dialysis Catheter

Background: A 66-year-old female with diagnosis of Leukemia had a **12 Fr dual lumen temporary dialysis catheter** placed for procedure of leukopheresis. The patient was on a Coumadin regimen (therapeutic range). Over the course of **five days**, there was noticeable oozing from the insertion site and the initial attempt to redress the site proved unsuccessful. As oozing continued, the soiled bandage created an environment vulnerable to microbial colonization and potential subsequent infection.

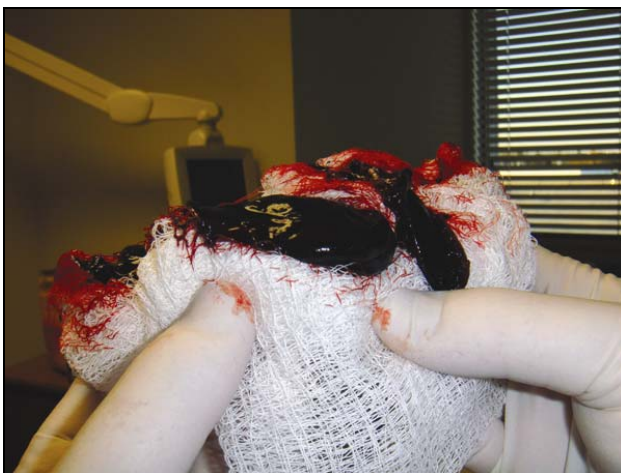
PRO QR Powder forms a seal to stop the flow of blood and provides extra-luminal protection over the insertion site and around the line. ***The use of PRO QR Powder upon insertion of the catheter could have prevented the oozing and clot formation.***



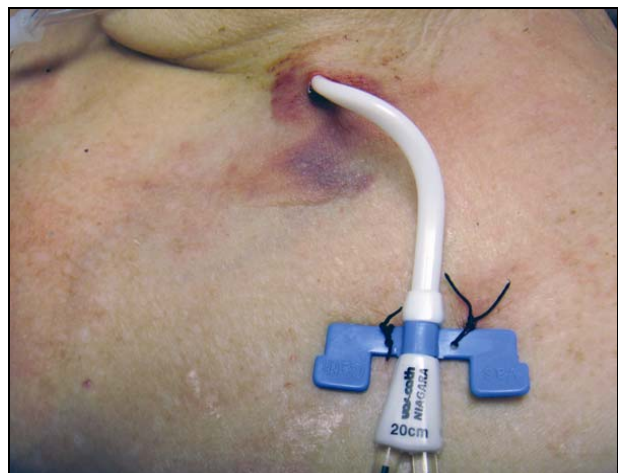
Evaluation showed a very large bandage over the site in an attempt to achieve hemostasis. Staff indicated that several modes had been employed to try to control the oozing.



Upon investigation of the bandage, it took nearly 15 minutes to expose the catheter and clot. The "ooze" had wicked to a very large-sized clot.



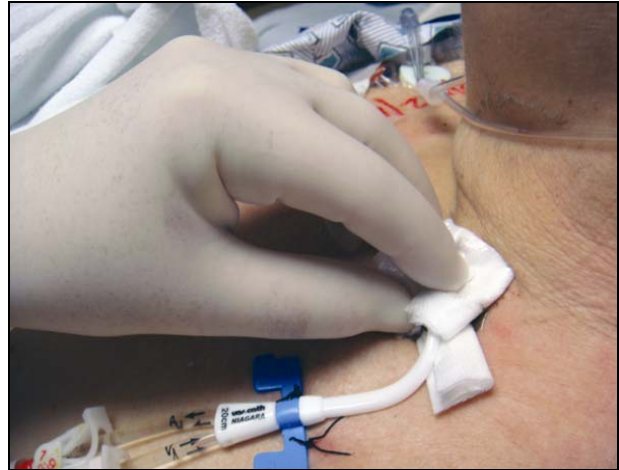
The clot was removed with gauze.



The site was cleaned with chlorhexidine. Oozing continued.



PRO QR Powder was applied completely around the dialysis catheter.



Pressure was held with non-adherent dressing on top of the PRO QR Powder for two minutes to achieve hemostasis and to form the PRO QR seal. **This seal allows “nothing in, nothing out.”**



The site was dressed per protocol.



The patient was transferred to another site. A follow-up call to the staff the day after PRO QR application revealed that the dressing was intact. There was **NO** oozing or leaking from the site.

Pro QR Powder proved highly effective in maintaining hemostasis and protecting the access site.

Photos by Penny Offer, CRNI

For more information about PRO QR Powder, please visit <http://www.PROQR.com> or call Biolife at 1-800-722-7559.