

Renal Services

Citraflow™ 30% Catheter Lock Solution

This leaflet provides information on the use of Citraflow™ 30% solution for patients with a haemodialysis vascular catheter (tube).

What is Citraflow™ 30%?

Citra-flow™ 30% is a catheter lock solution for haemodialysis catheters. The benefits of Citra-flow™ 30% are two-fold:

- It helps stop bacteria growing in the catheter, which can cause infection
- Helps stop blood clots forming in the catheter, which can lead to the catheter becoming blocked.

What are the Active Ingredients in Citraflow™ 30 %?

Citraflow comes in different strengths and we use Citraflow™ 30% containing 30% trisodium citrate, which is the antibacterial part. The ingredients help to prevent blood clots from forming too.

Why is Citraflow™ 30% Used?

Expert advice suggests that an antibacterial catheter lock solution should be used as part of the ongoing care of haemodialysis catheters to help reduce the risk of infection. Studies in haemodialysis patients have shown that antibacterial lock solutions help to prevent a wide range of bacteria that may grow in your haemodialysis catheter.

How is Citraflow™ 30% Used?

At the end of each dialysis session your haemodialysis catheter will be



Patient Information

flushed with saline. A Citraflow™ 30% solution is then placed into both of the tubes (or “lumens”) in your haemodialysis catheter. The solution remains locked inside the catheter until your next dialysis session.

Before you start your next dialysis session the nurse will remove the Citraflow™ 30% solution from your haemodialysis catheter.

Are there any Side Effects of Citra-Lock™?

As the lock solution is placed in your haemodialysis catheter you may experience:

- A metallic taste in the mouth
- Tingling of the fingers

This should disappear after 20 seconds.

Citraflow™ 30% solution should not be used if you have heparin induced thrombocytopenia (HIT).

Additional Sources of Information

If you have any questions or require further information please talk with your renal healthcare team. Alternatively you can telephone the Renal Day Unit on 024 7696 7703.

The Trust has access to interpreting and translation services. If you need this information in another language or format please contact 024 7696 8264 and we will do our best to meet your needs.

The Trust operates a smoke free policy.

To give feedback on this leaflet please email feedback@uhcw.nhs.uk

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