

Q3 WHAT IS THE NEXT STEP IN MANAGEMENT?

- A. Further imagining (ultrasound or CT) to confirm diagnosis of tunnel infection
- B. Catheter removal
- C. Continue antibiotics as prescribed
- D. Both A and C

The correct answer is D.

Pseudomonas (and S. Aureus) infections often present with concomitant ESI and tunnel infections. Although a tunnel infection can be readily diagnosed on exam, it is important to obtain imaging 1.) diagnosis is unclear, or 2.) to further characterize the nature of infection. Pseudomonas infections are often associated with abscess formation which can be seen on ultrasound or CT, and this finding could warrant surgical evaluation.

Generally, the antibiotic treatment for ESI and tunnel infection (without peritonitis) the same.

Additional reading:

<https://journals.sagepub.com/doi/pdf/10.3747/pdi.2016.00120>

Guest, Steven. *Handbook of Peritoneal Dialysis*. CreateSpace, 2014.