



# Home Peritoneal Dialysis Training Practices and Peritonitis Rates in Children on Maintenance Peritoneal Dialysis



DOERNBECHER  
CHILDREN'S  
Hospital

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Training practices and peritonitis rates in children on maintenance peritoneal dialysis: results from the Standardizing Care to Improve Outcomes in Pediatric End Stage Kidney Disease (SCOPE) collaborative



**HYPOTHESIS:** Compliance with 4 components of PD training impacts risk for peritonitis in children on PD

## DESIGN & OUTCOMES:



### 4 components of training

50 SCOPE Centers  
2168 Children on PD  
1936 PD Catheters

Perform a Home Visit

1-to-1 trainer-to-patient/family ratio

Training  $\geq 10$  days after catheter insertion

Individual training session length  $\leq 3$  hours

Compliance with each component

Compliance with all 4 components

No difference in days to peritonitis  
OR  
Peritonitis within 90 days of training completion

No difference in days to peritonitis  
OR  
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1393 Initial PD trainings with at least 90 days follow-up

106 episodes of peritonitis

**CONCLUSION:** No associations between 4 PD training components and risk for peritonitis were found. SCOPE requires monthly review of PD catheter practices which may have decreased the impact of training non-compliance.

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