



End-Stage Renal Disease Facilities Workgroup Update

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Prevention Priorities

- Prevention of Intravascular Infections
- Prevention of Bloodborne Pathogen Transmission
- Prevention of Influenza and Pneumococcal Disease
- Prevention Priority Implementation Bundles
- Education and Training



Five-Year National Metrics and Evaluation Targets

Metric	Proposed Target
All BSIs stratified by access type	Pooled mean ≤ 5.0 ; Relative Improvement Rate (RIR) $\geq 40\%$
Access-related BSIs stratified by access type	RIR $\geq 50\%$
Seasonal influenza vaccination for ESRD Patients	$\geq 90\%$
Facilities reporting to NHSN	$\geq 90\%$
Any central venous catheter (CVC) use in patients on hemodialysis	Absolute target $\leq 20\%$ or RIR $\geq 20\%$
Screening for Hepatitis C antibody	$\geq 70\%$
Hepatitis B vaccine coverage in ESRD patients	$\geq 90\%$



Challenges

- Federal Level - Enhancing communications and collaboration strategies between state survey agencies and ESRD Networks
- State level - Increasing communication between state health departments and ESRD networks especially where it concerns outbreak response
- Facility provider level— transitions of care, resources, prophylactic antibiotic use, tracking blood cultures, data reporting
- Patient Level – Increase patient involvement



Future Directions

- Antimicrobial Resistance
- Prevention through access care
- Viral hepatitis epidemiology
- Role of environment
- Engineering solutions and processes
- New medication and devices
- Reducing ESRDs
- Expansion of Emerging Infections Program