



kurin[®]

Blood Culture Collection Sets



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Impacts of Blood Culture Contamination

Patients

- Delayed proper treatment
- Exposure to unnecessary antibiotics
- Increased length of stay and risk of HACs/HAIs

Hospital

- Financial
- Workflow disruption and inefficiencies
- Decreased patient/family satisfaction

Community

- Antimicrobial Resistance
- C Diff

FINANCIAL COST OF CONTAMINATED BLOOD CULTURES

- The cost of false positive blood culture is estimated at **\$4,500-\$10,000** according to literature.¹.
- The average hospital spends **more than \$1 million dollars** on unnecessary treatment of non-existent bloodstream infections.

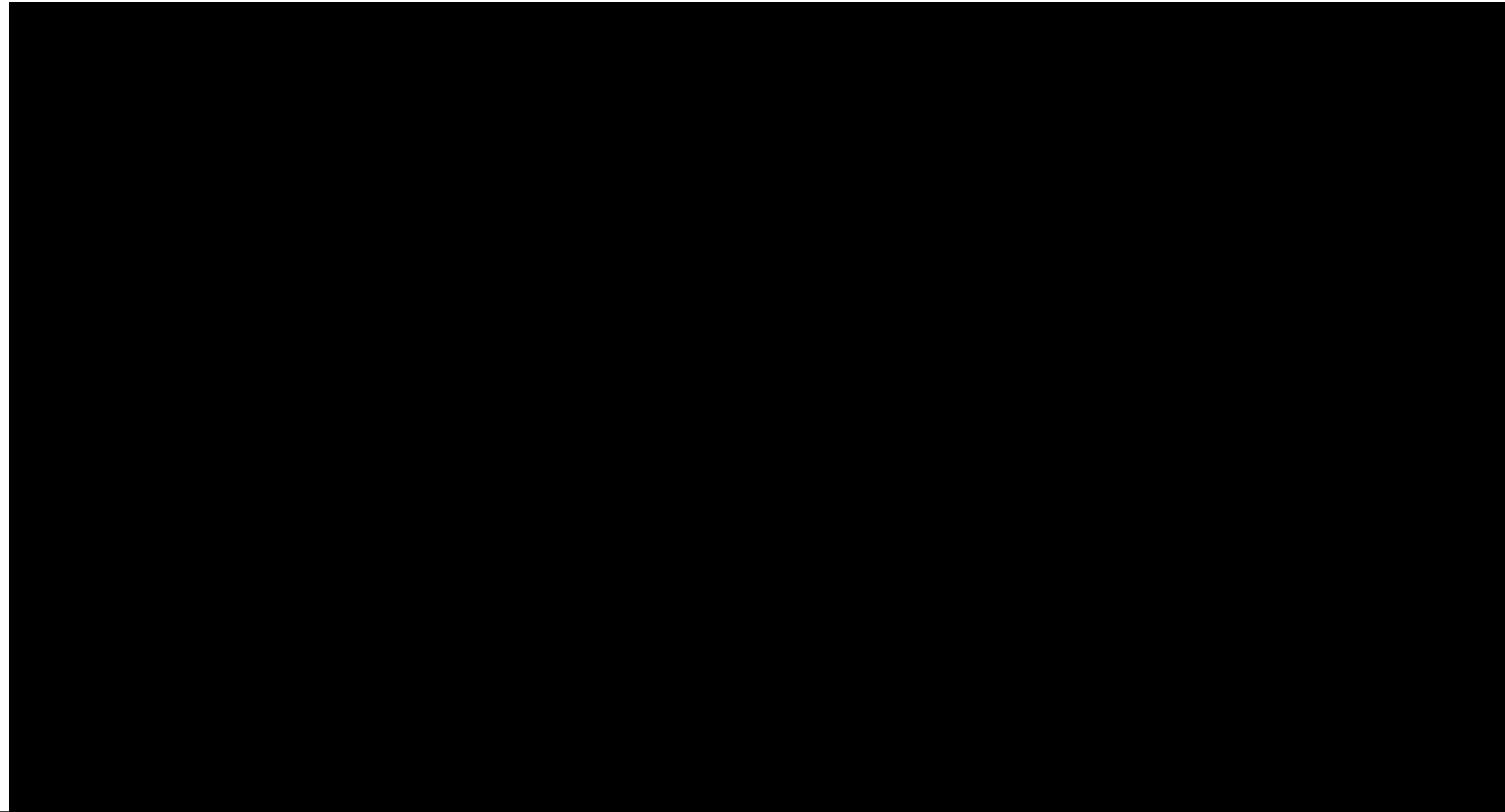


What is Kurin?

- FDA 510k Class 2 Cleared Device
(December 2016)
 - *Kurin has since received two additional 510k clearances*
- Passive technology
- Does not change technique to support high compliance
- Sidelines first 0.15ml blood



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KURIN PRODUCT LINE

Butterfly – Venipuncture



Fresh Peripheral IV Start



Low Volume



Bottle holders for BD, BioMerieux and Thermo Fisher Collection bottles.
Needle and bottle holder come pre-attached – ***No Assembly required!***

Kurin® Clinical Data: Two Peer Reviewed Publications

Emergency Nurses Association Online – Arenas et al.

Central Texas VA Health Care System

- First Peer Reviewed Publication Comparing technologies addressing the skin plug
- Both Products drastically reduced blood culture contamination rates regardless of initial volume of blood discarded
- Kurin® had ZERO contaminations for five straight months; 0.3% rate over 11 months
- Nurses chose Kurin® and have been using Kurin® for the past 3 years

Connecticut Medicine – O’Sullivan and Steere

Hartford Hospital

- Reducing False Positive Blood Cultures Using A Blood Diversion Device
- 3-month trial in ED department reducing contamination rate from 1.7% to 0.44% = 74.1% reduction
- Kurin was the only changed variable during trial



Additional Kurin® Clinical Data

APIC Oral and Poster Presentation – Ostwald and Whitsell

Oishei Children's Kaleida Health – Buffalo, NY

- Pediatric population
- Exclusively used the Kurin PIV
- Significant decrease observed
- 0 contaminations across 1175 collections
- P Value .0001

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Questions?