

Preliminary Development and Verification of a New Agitation Method for the ESP Culture Technology.

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TREK Diagnostic Systems has designed the VersaTREK,[™] the next generation in automated microbial detection systems. VersaTREK is a redesign of the ESP[®] Culture System. A primary design goal was to evaluate the benefits of an alternative method of agitation for rapid, accurate recovery. **VorTrexing[™]** was named as the action created from the incorporation of a stir bar into each aerobic bottle. Several studies were conducted to evaluate various agitation methods. The major advantages of VorTrexing were excellent oxygenation of the media due to a more efficient mixing of the aerobic bottle, a better quality oxygen consumption curve, and more rapid time to detection. Additionally, the VersaTREK system is more **versatile** than any other system available today, performing four tests on one platform. The system accommodates blood and body fluid samples, Myco detection, and Mtb. susceptibility testing, with an “**Any Bottle anywhere Concept**” (**Loading as simple as ABC!**) supporting **enhanced ergonomics**.

This information was compiled from an article written by N.M. Sullivan and D. Fett and presented at the 2002 ASM General Meeting held in Salt Lake City, poster C-5.

There's nothing standard about **VersaTREK** ...Designed for better recovery, simple ease of use, improved patient care, and greater value.