Is HFOV still relevant in 2015

The Paediatric Experience

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High-Frequency Oscillation for Acute Respiratory Distress Syndrome

High-Frequency Oscillation in Early Acute Respiratory Distress Syndrome
Because we were cognizant that there is a learning curve associated with the use of HFOV, we enrolled more patients at centers that were experienced with HFOV, and we did not detect an interaction between treatment effect and the number of enrolled patients per site.

planned sample size. External validity was maintained by using a large number of different-sized ICUs spread across the United Kingdom. Most of the centers in this trial were inexperienced with the intervention at the start, but this was unavoidable, since few centers in the United Kingdom have experience with the use of HFOV. We invested heavily in training at each study center. The consent-refusal rate was low.
Why were the Adult Trials negative?

- Problems with the applied protocol
- The problem of the preload: the forgotten right heart
- The recruitable and non-recruitable lung
- Heavy sedation and paralysis