



*OFFLU virtual SIV group
meeting
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Richard Webby

St Jude Children's Research Hospital

M. Neiley, J. Lowe and B. Blair

University of Illinois

What noise does flu make?



- Two groups of 60 pigs (0-7 days post wean) known to be infected with IAV
- SOMO (Sound Talks Inc) recording devices were used to capture pig cough sound signatures (RDI).
- Twelve samplings, conducted on Monday, Wednesday and Friday each week over 4 weeks were performed.
- Nasal wipes (NW)
- Nasal swabs (NS)
- One oral fluid sample per group
- Air Sample

- Nasal wipes appear to be the preferred sample type (need up to 42 samples to have 95% confidence).
- Increased cough is associated with a higher likelihood of detecting IAV with nasal swabs.
- Pen or group-based sampling resulted in poor detection of infection under these conditions.

