



## MONITORING AIRFLOW WITH B-MODE ULTRASOUND

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### The Invention

UW-Madison researchers have developed a method and system for monitoring or quantifying airflow changes in a subject's airway using B-mode ultrasound. Their approach is compatible with existing ultrasound probes or could be developed as a specialized/standalone probe/system. A subject's airway could be monitored for changes in airflow before, during, or following a procedure, or may be used as a general patient monitoring tool. Exemplary applications include monitoring for changes in breathing status during and after sedation (anesthesia).

### Additional Information

#### For More Information About the Inventors

- [Guelay Bilen-Rosas](#)
- [Humberto Rosas](#)

#### Tech Fields

- [Medical Devices : Diagnostics & monitoring tools](#)
- [Medical Imaging : Ultrasound](#)

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