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Respiratory Motion, Inc. is excited to announce FDA clearance for use of the *ExSpirom*[™] 1Xi Minute Ventilation Monitor in Pediatric Patients

- Minute Ventilation (MV) is the earliest indicator of insufficient breathing. The *ExSpirom* is the first and only MV monitor capable of providing continuous, non-invasive measurements for individuals not on a ventilator.

Respiratory Motion, Inc. reported today that FDA clearance was received for the newest version of its *ExSpirom* Minute Ventilation (MV) monitoring system on Friday March 16th and announced its plan to launch the new *ExSpirom* at the Society for Pediatric Anesthesia-American Academy of Pediatrics in Phoenix, March 23-25.

Respiratory failure can occur anywhere in the hospital and early detection can often make the difference between life and death. MV monitoring is the most direct measure of respiratory status, providing the earliest warning of changes in respiratory status. Sufficient time to act is crucial in preventing bad outcomes. Respiratory Motion's *ExSpirom* is the first and only continuous Minute Ventilation Monitor that has been cleared for broad use in hospital and ancillary medical settings.

The *ExSpirom* has previously been used across a variety of medical environments, providing real time, point-of-care data to improve the care and hospital experience of adult patients receiving opioids and/or sedatives and those at increased respiratory risk, such as patients with COPD (emphysema), congestive heart failure, sleep apnea, abnormal response to pain medications, etc. A clinical study reported by Dr. Viviane Nasr and colleagues from Children's Hospital of Boston in December 2017 in the prominent medical journal *Anesthesia and Analgesia*, laid the groundwork for FDA clearance of the *ExSpirom* for use in children one year of age and older.

Respiratory Motion CEO, Dr. Jenny Freeman, previously a practicing pediatric cardiovascular surgeon, noted that "it is particularly rewarding to be able to bring the *ExSpirom's* life saving advantages to the vulnerable pediatric population. It is very challenging to manage pain in our small patients and we have been striving to create a device to help optimize both the safety and the comfort of hospitalized children. We are now working to extend the technology to benefit newborns and premature infants. Respiratory Motion is committed to building technology that can be used to improve the care of everyone, everywhere."

Whereas other technologies focus on reducing "Failure to Rescue" in the hospital, i.e. identifying the patient in time that he can be rescued from death, the *ExSpirom* provides an earlier identification of changes in respiratory status and thereby the opportunity to "Avoid the Need for Rescue[™]." This approach provides both an outcome advantage for the patient and a cost advantage for the hospital. The sensitivity of the *ExSpirom* to report early changes and unlike other respiratory monitoring technologies, the *ExSpirom's* extremely low false alarm rate (even with the aggressive motion seen in

children), the **ExSpiron** is positioned to help caregivers in their quest to achieve both patient safety and patient (and family) satisfaction.

About Respiratory Motion, Inc.

Respiratory Motion, Inc. is the global leader in innovative Minute Ventilation Monitoring, useful across a wide variety of patient populations and environments. Our mission is to improve the quality and experience of care and reduce costs by providing continuous, accurate, real-time, non-invasive respiratory monitoring wherever care is delivered. www.respiratorymotion.com