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Experimental Huskiness (Hoarseness)

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Some experiments with excised human larynxes are discussed. A current of air brings the vocal folds into vibration. The air is heated to 37 °C and saturated with water vapour.

By exerting a calibrated force on the different muscles which move the arytenoid cartilages the larynx functions almost as in life. Several causes of huskiness (hoarseness) are simulated with this experimental set-up, while the acoustical and visual results are registered. Some results are correlated with data obtained from a normal subject.