

Collection: 016005; Video Rate:29.97 fps; Master Digital Formats: 1920 x 1080 Uncompressed 10-bit 4:2:2. Prores(HQ); Acquisition Format: S16. Film

016005-IL01C012: Pig Trachea and Bronchi. Air filled lumen. View into lungs. Track out from mucus plug in bronchus to top of main Bronchus at the Carina. Mucus visible on the walls of the Bronchi. Endoscopic lighting. Biological simulation.

016005-IL01C013: Pig Trachea and Bronchi. Air filled lumen. View into lungs. Track out from mucus plug in bronchus to top of main Bronchus at the Carina. Mucus visible on the walls of the Bronchi. CU walls. Endoscopic lighting. Biological simulation.

016005-IL01C014: Pig Trachea and Bronchi. Air filled lumen. View into lungs. Track down into Bronchi. Clean with occasional mucus plaques visible on the walls of the Bronchi. Endoscopic lighting. Biological simulation.

016005-IL01C015: Pig Trachea and Bronchi. Air filled lumen. View into lungs. Track out of Bronchi. Mucus visible on the walls of the Bronchi. Endoscopic lighting. Biological simulation.

016005-IL01C016: Pig Trachea and Bronchi. Air filled lumen. View into lungs. Static view of Trachea from near top. Endoscopic lighting. Biological simulation.

016005-IL01C017: Pig Trachea and Bronchi. Air filled lumen. View into lungs. Static view of Carina from Trachea. Coughing action and slow constriction of the main Bronchi Endoscopic lighting. Biological simulation.

016005-IL01C019: Pig Trachea and Bronchi. Air filled lumen. View into lungs. Track down Trachea to Carina. Condensed air effect synchronised with breathing movements. Could be used as smoke or as allergen. Endoscopic lighting. Biological simulation.

016005-IL01C020: Pig Trachea and Bronchi. Air filled lumen. View into lungs. Static view of Carina. Condensed air effect synchronised with breathing movements. Could be used for smoke inhalation. Endoscopic lighting. Biological simulation.

016005-IL01C021: Pig Trachea and Bronchi. Air filled lumen. View into lungs. Static view of Trachea. Condensed air effect synchronised with breathing movements. Could be used for smoke inhalation. Endoscopic lighting. Biological simulation.

016005-IL01C022: Pig Trachea and Bronchi. Air filled lumen. View into lungs. Static view of Trachea. Condensed air effect synchronised with breathing movements. Could be used for smoke inhalation. Endoscopic lighting. Biological simulation.

016005-IL01C023: Pig Trachea and Bronchi. Air filled lumen. View into lungs. Track down Trachea to Carina. Condensed air effect synchronised with breathing movements. Could be used for smoke inhalation. Endoscopic lighting. Biological simulation.

016005-IL01C024: Pig Trachea and Bronchi. Air filled lumen. View into lungs. Track down Trachea to Carina. Condensed air effect synchronised with breathing movements. Could be used for smoke inhalation. Endoscopic lighting. Biological simulation.

016005-IL01C025: Pig Trachea and Bronchi. Air filled lumen. View into lungs. Track down into Bronchi. Mucus plaques visible on the walls of the Bronchi. Condensed air effect with breathing movements. Could be used as smoke or as allergen. Endoscopic lighting. Biological simulation.

016005-IL01C026: Pig Trachea and Bronchi. Air filled lumen. View into lungs. Track down into Bronchi. Mucus plaques visible on the walls of the Bronchi. Condensed air effect with breathing movements. Could be used as smoke or as allergen. Endoscopic lighting. Biological simulation.

016005-IL01C027: Pig Trachea and Bronchi. Air filled lumen. View into lungs. Track down into Bronchi. Mucus plaques visible on the walls of the Bronchi. Condensed air effect with breathing movements. Could be used as smoke or as allergen. Endoscopic lighting. Biological simulation.

016005-IL01C028: Pig Trachea and Bronchi. Air filled lumen. View into lungs. Static view of bronchus constricting. Mucus plug visible. Endoscopic lighting. Biological simulation.

016005-IL01C029: Pig Trachea and Bronchi. Air filled lumen. View into lungs. Static view of mucus plug. Breathing movements. Constriction and relaxation of bronchus. Endoscopic lighting. Biological simulation.

016005-IL01C030: Pig Trachea and Bronchi. Air filled lumen. View into lungs. Static view of bronchus constricting. Mucus plaque visible. Laboured breathing stops (death). Endoscopic lighting. Biological simulation.

016005-IL01C031: Pig Trachea and Bronchi. Air filled lumen. View into lungs. Static view of bronchus with laboured asthmatic breathing. Dust and dirt, allergens on the wall. Endoscopic lighting. Biological simulation.

016005-IL01C032: Pig Trachea and Bronchi. Air filled lumen. View into lungs. Static view of bronchus with laboured asthmatic breathing. Dust and dirt, allergens on the wall. Coughing action at the end. Endoscopic lighting. Biological simulation.

016005-IL01C033: Pig Trachea and Bronchi. Air filled lumen. View into lungs. Static view of bronchus with laboured breathing. Breathing slows to a halt in death.. Endoscopic lighting. Biological simulation.

016005-IL01C034: Pig Trachea and Bronchi. Air filled lumen. View into lungs. Static view of Trachea with laboured breathing. Breathing slows to a halt in death.. Endoscopic lighting. Biological simulation.

016005-IL01C035: Pig Trachea and Bronchi. Air filled lumen. View into lungs. Static view of bronchus. Laboured breathing movements. Mucus plaques on walls. Endoscopic lighting. Biological simulation.

016005-IL01C036: Pig Trachea and Bronchi. Air filled lumen. View into lungs. Static view of bronchus constricting. Subtle constriction. Mucus plaques visible. Endoscopic lighting. Biological simulation.

016005-IL01C039: Pig Trachea and Bronchi. Air filled lumen. View into lungs. Static view of bronchus constricting. Slow constriction and faster expansion. Mucus plaques visible. Endoscopic lighting. Biological simulation.

016005-IL01C040: Pig Trachea and Bronchi. Air filled lumen. View into lungs. Track out of lungs from Bronchi to top of Trachea. Mucus present. Laboured breathing. Endoscopic lighting. Biological simulation.

016005-IL01C041: Pig Trachea and Bronchi. Air filled lumen. View into lungs. Track into Bronchi from top of Trachea. Mucus present. Laboured breathing. Jerky, medical endoscopy movement. Dirt and Dust allergens in airway. Endoscopic lighting. Biological simulation.

016005-IL01C042: Pig Trachea and Bronchi. Air filled lumen. View into lungs. Static view of bronchus constricting. Slow constriction and faster expansion. Mucus plaques visible. Breathing alters. Endoscopic lighting. Obvious expansion.

016005-IL01C043: Pig Trachea and Bronchi. Air filled lumen. View into lungs. Static view of bronchus constricting. Strong constriction and good expansion. Mucus plaques visible. Breathing alters. Pull out to top of Trachea and start laboured breathing movements. Endoscopic lighting. Obvious expansion.and constriction.

016005-IL01C052: Pig Trachea and Bronchi. Air filled lumen. View into lungs. Track into bronchi. Mucus free airway. Endoscopic lighting. Biological simulation.

016005-IL01C054: Pig Trachea and Bronchi. Air filled lumen. View into lungs. Track out from watery mucus plug, deep in airway, towards Carina. Mucus free airway. Close to bronchial wall. Endoscopic lighting. Biological simulation.

016005-IL01C055: Pig Trachea and Bronchi. Air filled lumen. View into lungs. Track out from bronchi to Carina. Mucus free airway. Endoscopic lighting. Biological simulation.

016005-IL01C057: Pig Trachea and Bronchi. Air filled lumen. View into lungs. Static view in airway with floating allergen Dust being drawn into the lungs during inspiration. Endoscopic lighting. Biological simulation.

016005-IL01C058: Pig Trachea and Bronchi. Air filled lumen. View up towards trachea. Static view in airway. Condensed vapour from breath. Endoscopic lighting. Needs motion blur.

016005-IL01C059: Pig Trachea and Bronchi. Air filled lumen. View towards Trachea. Static view in airway. Condensed vapour from breath. Then move into larger airway. Endoscopic lighting. Needs motion blur. And action reversed.

016005-IL01C060: Pig Trachea and Bronchi. Air filled lumen. View towards Trachea. Static view in large airway. Condensed vapour from breath. Then track backwards into smaller airway. Endoscopic lighting. Biological simulation.

016005-IL01C063: Pig Trachea and Bronchi. Air filled lumen. View towards Trachea.. Condensed vapour from breath. Track backwards deeper into smaller airways. Endoscopic lighting. Biological simulation.

016005-IL01C064: Pig Trachea and Bronchi. Air filled lumen. View towards Trachea.. Condensed vapour from breath. Track backwards deeper into smaller airways. Endoscopic lighting. Biological simulation.

016005-IL01C067: Pig Trachea and Bronchi. Air filled lumen. View towards Trachea. Very subtle condensed vapour from breath. Track backwards deeper into smaller airways. Hold and then track back forwards back into larger airways. Endoscopic lighting. Biological simulation.

016005-IL01C068: Pig Trachea and Bronchi. Air filled lumen. View towards Trachea.. Condensed vapour from breath. Track backwards deeper into smaller airways. Hold and then track back forwards back into larger airways. Shot ends with particulate allergen floating in airway. Endoscopic lighting. Biological simulation.

016005-IL01C070: Pig Trachea and Bronchi. Air filled lumen. View towards Trachea. Track backwards from Trachea deeper into smaller airways. Hold and then track back up to Trachea. Endoscopic lighting. Biological simulation.

016005-IL01C071: Pig Trachea and Bronchi. Air filled lumen. View towards Trachea. Dust and allergen particles in airflow. Track backwards from Trachea deeper into smaller airways. Endoscopic lighting. Biological simulation.

016005-IL01C072: Pig Trachea and Bronchi. Air filled lumen. View into lungs. Static view of bronchus constricting. Mildly. Laboured breathing action. Endoscopic lighting. Biological simulation.

016005-IL01C073: Pig Trachea and Bronchi. Water filled lumen. View into lungs. Static view. Air filling bronchus with babies first breath. Endoscopic lighting. Biological simulation.

016005-IL01C074: Pig Trachea and Bronchi. Air filled lumen. View into lungs. Static view of bronchus. Laboured breathing action. Endoscopic lighting. Biological simulation.

016005-IL01C075: Pig Trachea and Bronchi. Water filled lumen. View into lungs. Static view. Air filling bronchus with babies first breath. Endoscopic lighting. Biological simulation.

016005-IL01C076: Pig Trachea and Bronchi. Water filled lumen. View into lungs. Static view. Air filling bronchus with babies first breath. Endoscopic lighting. Biological simulation.

016005-IL01C077: Pig Trachea and Bronchi. Water filled lumen. View into lungs. Static view. Air filling bronchus with babies first breath. Endoscopic lighting. Biological simulation.

016005-IL01C078: Pig Trachea and Bronchi. Air filled lumen. View towards Trachea. Camera tracks in reverse deeper into airways. Constricted bronchi and mucus plaques. Obstructive airways disease. Subtle constriction and expansion of the airway. Endoscopic lighting. Biological simulation.

016005-IL02C002: Pig Trachea and Bronchi. Air filled lumen. View into lungs. Camera tracks deeper into airways to major constriction. Constricted bronchi and mucus plaques. Endoscopic lighting. Biological simulation.

016005-IL02C003: Pig Trachea and Bronchi. Air filled lumen. View into lungs. Slow track away from constriction through diseased airway. Mucus plaques. Vapour condensate in the air. Endoscopic lighting. Biological simulation.

016005-IL02C004: Pig Trachea and Bronchi. Air filled lumen. View into lungs. Slow track away from constriction through diseased airway. Mucus plaques. Vapour condensate in the air. Endoscopic lighting. Biological simulation.

016005-IL02C008: Pig Trachea and Bronchi. Air filled lumen. View into lungs. Camera tracks from solid mucus plug in airway to top of Trachea. Damaged airway. Laboured breathing. Endoscopic lighting. Biological simulation.

016005-IL02C009: Pig Trachea and Bronchi. Air filled lumen. View into lungs. Diseased Trachea. Static view of single inspiration. Endoscopic lighting. Biological simulation.

016005-IL02C010: Pig Trachea and Bronchi. Air filled lumen. View into lungs. Travel down diseased airway from top of Trachea with allergen. Endoscopic lighting. Biological simulation.

016005-IL02C011: Pig Trachea and Bronchi. Air filled lumen. View into lungs. Travel down diseased airway from top of Trachea with allergen. Arrive at mucus plug. Endoscopic lighting. Biological simulation.

016005-IL02C013: Pig Trachea and Bronchi. Air filled lumen. View into lungs. Travel down diseased airway from top of Trachea with allergen. Arrive at mucus plug. Endoscopic lighting. Biological simulation.

016005-IL02C014: Pig Trachea and Bronchi. Water filled lumen. View into lungs. Carina with air coughing water out of the lungs as in drowning. Endoscopic lighting. Biological simulation.

016005-IL08C200: Pig Trachea and Bronchi. Air filled lumen. View from Trachea towards vocal chords.. Camera tracks from tongue down Trachea to Carina and into main Bronchus. Light from exterior. Some endoscopic fill. Biological simulation.

016005-IL08C203: Pig Trachea and Bronchi. Air filled lumen. View from Trachea towards vocal chords.. Camera tracks from tongue down Trachea to Carina and into main Bronchus. Light from exterior. Some trans-illumination through Tracheal tissue. Biological simulation.

016005-IL08C204: Pig Trachea and Bronchi. Air filled lumen. View from Trachea towards vocal chords.. Camera from Main Bronchus up to Tongue. Light from exterior. Some trans-illumination through Tracheal tissue. Biological simulation.

016005-IL08C205: Pig Trachea and Bronchi. Air filled lumen. View from Trachea towards vocal chords.. Camera tracks from black down Trachea to Carina and into main Bronchus. Light from exterior. Some endoscopic fill. Biological simulation.

016005-IL08C206: Pig Trachea and Bronchi. Air filled lumen. View from Trachea towards vocal chords.. Camera from Main Bronchus up to Tongue. Light from exterior. Some endoscopic fill. Biological simulation.