



S1 Fig. Bending angles of 4.0-mm diameter thin bronchoscope with 2.0-mm diameter channel. (A) Maximal upward manipulation of the thin bronchoscope without placing anything in the bronchoscopy channel. (B) Maximal upward manipulation of the thin bronchoscope with radial probe endobronchial ultrasound in the bronchoscopy channel. (C) Maximal upward manipulation of the thin bronchoscope with a 1.9-mm diameter reusable cryoprobe in the bronchoscopy channel. (D) Maximal upward manipulation of the thin bronchoscope with a 1.7-mm diameter disposable cryoprobe in the bronchoscopy channel. (E) Maximal upward manipulation of the thin bronchoscope with a 1.1-mm diameter disposable cryoprobe in the bronchoscopy channel.