

**Supplementary Table S3.** Commercially available fiberoptic scopes and intubation endoscopes

Type	OD (mm)	Vendor	Name	Product type	Working length (cm)	Channel (Port)	Tip deflection up/down
rigid FOS	2.0	Karl Storz	BRAMBRINK® Intubation Endoscope	11605 C & 11605 CV (ETT ID 2.5–3.5 mm)	22	-	distal bending 40°, angle of view 100°
	3.5		BONFILS® Intubation Endoscope	10332 B & 10332 BD (ETT ID 4.0–5.5 mm)	35	-	distal bending 40°
	2.5	MPI Co.	Multiview Scope®, Stylet scope attachment	MVS-SC25 (OD 2.5 mm)	36	oxygen supply port	-
	3.5			MVS-SC35 (OD 3.5 mm)	38.5		
	5.0			MVS-SC50 (OD 5.0 mm)	40		
	2.1	Olympus	Multiview Scope®, Fiberscope attachment	MVS-FS20L	55	-	120°/120°
	2.2		Rhinolaryngoscope	MVS-FS20S	36		
	2.2	Pentax	Laryngoscope	ENF-XP	30	-	130°/130°
	2.4	Pentax	Nasopharyngo Laryngoscope	LF-P	60	-	120°/120°
	2.4	Pentax	Intubation scope	FNL-7RP3	30	-	130°/130°
flexible FOS	2.5	Karl Storz	Intubation scope	FI-7P/7BS	60	-	130°/130°
	2.5	Karl Storz	Laryngo-fiberscope	11101 SK	27	-	180°/90°
	2.7	Pentax	Laryngo-fiberscope	11101 SP	37	-	180°/90°
	2.7	Pentax	Bronchoscope	FB-8V	60	+	180°/130°
	2.8	Karl Storz	Intubation-fiberscope	11301 AA1	65	+	140°/140°
	2.8		Broncho-fiberscope	11003 BC	54	+	170°/120°
	2.8		Broncho-fiberscope	11005 BC	70	+	170°/120°
	2.85	Karl Storz	FIVE (Flexible Intubation Video Endoscopes) 3.0®	11301 ABXK (ETT ID 3.0 mm)	51.5		140°/140°
	3.0	Pentax	Intubation scope	FI-9BS	60		130°/130°
	3.1	Olympus	Intubation scope	LF-DP	60	+	120°/120°
	3.4–3.5	Pentax	Intubation scope	FI-10P2/10BS	60	+	130°/130°
			Bronchoscope	FB-10V	60	+	180°/130°
			Nasopharyngo Laryngoscope	FNL-10RP3/10RBS	30	-	130°/130°
	3.7	Karl Storz	Laryngofiberscope	11001 RD	34	+	180°/100°
			Laryngofiberscope	11101 RP	30	-	180°/90°
	4.1–4.2	Olympus	Intubation-fiberscope	11302 BD2	65	+	140°/140°
	4.1–4.2		Broncho-fiberscope	11002 BD	54	+	180°/100°
	4.9	Pentax	Intubation/Laryngoscope	LF-2/GP	60	+	120°/120°
			Intubation scope	FI-13P/13BS	60	+	160°/130°
	5.0	Karl Storz	Bronchoscope	FB-15V	60	+	180°/130°
			Nasopharyngo Laryngoscope	FNL-15RP3	30	-	130°/130°
	5.1–5.3	Olympus	Laryngoscope	11001 UD	23	+	180°/100°
			Broncho-fiberscope	11001 BN	54	+	180°/100°
		Pentax	Intubation scope	FI-16BS	60	+	160°/130°
		Karl Storz	Intubation-fiberscope	11301 BN1	65	+	140°/140°

OD, outer diameter; FOS, fiberoptic scope; ID, inner diameter