

Supplemental digital content

1A Dissection equipment. List of instruments and micro-instruments for macroscopic–microscopic dissection that we routinely use in the laboratory. Catalog V. Mueller Vernon Hills, Illinois, United States.

- 1B** Vessel cannulation materials
- 1C** Latex injection materials
- 1D** Photography equipment
- 1E** 3D Projection equipment

Specimen preparation equipment

Dissection equipment (Supplement 1A)*

Reference	Item
NL3785–030	RHOTON MICRO SCISSORS STR OVER LGTH 7IN
NL1090	PENFIELD DISSECTOR #1 DBL-END 7–1/2IN
NL1091	PENFIELD DISSECTOR #2 ADBL-END 7–3/8IN
NL1092	PENFIELD DISSECTOR #3 ADBL-END 7–1/4IN
NL1093	PENFIELD DISSECTOR #4 SLIGHT CVD 8–1/2IN
NL1094	PENFIELD DISSECTOR #5 ADBL-END 11–1/2IN
NL1310	DAVIS BRAIN SPATULA DBL-END 10&13MM 8IN
NL1415	VITAL ADSON TISSUE FORCEP SERR TUNG-CARB
NL1464	VITAL CUSHING TISS FORCEP BAYON T/C TIP
NL1570	CUSHING TISS FORCEP BAYON SERR 1 × 2 TEETH
NL1900	FRAZIER SUCT TUBE 7FR WORK LGTH 3–7/8IN
NL1900–9	FRAZIER SUCTION TUBE 9FR WK LGTH 3–7/8
NL1902	FRAZIER SUCT TUBE 10FR WORK LGTH 3–7/8IN
NL1903	FRAZIER SUCT TUBE 12FR WORK LGTH 3–7/8IN
NL630	LEKSELL RONG FORCEP DBL-ACT 8 × 16MM 8–1/2
NL630–001	LEKSELL RONG FORCEP DBL-ACT 7 × 13MM 8–1/2
NL950	ADSON CERBELLUM RETR 4 × 4 PRONGS 7–1/2IN
OS4000	LANGENBECK PERIOSTEAL ELEVATOR 17MM WIDE
RH1650-S	SUPER CUT METZ DISSECT CVD SCISSOR 5–3/4
SU1403–001	SURGICAL KNIFE HANDLE #3 5IN W/METRIC
SU1407	SURGICAL KNIFE HANDLE #7 6–3/8IN
SU16005	VITAL CRILE-WOOD NDL HLDR 3600 TEETH 6IN
SU1804	VITAL MAYO DISSECTING SCISSORS STR 6–3/4
SU1945	METZ DISSECT SCISSOR DEL CVD-ON-FLAT 7IN
SU2702	HALSTED MOSQUITO FORCEPS 5IN CVD
SU2735	CRILE ARTERY FORCEPS 5–1/2IN CVD
SU2760	PEAN ARTERY FORCEPS 6–1/2IN CVD
SU2910	ROEDER TOWEL FORCEPS W/BALL STOP 5–1/2IN
SU3110	WEITLANER RETR 3 × 4 SHARP PRONGS 5–1/2IN
SU3112	WEITLANER RETR 3 × 4 SHARP PRONGS 6–1/2IN
SU4054	FORCEPS TISSUE ALLIS 4 × 5 TEETH 6IN
88–3875	FREER SS ELEVATOR RND HNDL 6MM SHRP/BLNT
NL3785–031	RHOTON MICRO SCISSORS CVD OVER LGTH 7IN
NL4000	YASARGIL MICRO SCISSORS STR BLADE 11.5MM
NL4001	YASARGIL MICRO SCISSOR CVD UP BLADE 11MM
OP0911–002	CASTRO FIXATION FORCEPS 0.3MM 1 × 2 TTH STR

(Continued)

Reference	Item
OP0911–401	CVD DRESSING FORCEPS W/SERR GENTLE CVD
OP0911–402	DRESSING FORCEPS W/SERR GENTLE CVD TIPS
OP0917–851	WESTCOTT TENOTOMY MED BLUNT CVD SCISSORS
OP0917–852	WESTCOTT TENOTOMY MED BLUNT STR SCISSORS
OP3302	CASTROVIEJO CORNEO FORCEPS 1 × 2 0.5MM TTH
L-0101	KERR MIC-HDL 3MM 7IN(18CM) UP 90DEG
L-0127	KERR MIC-HDL 5MM 8IN(20CM) DOWN 90DEG
NL6146	LOVE-GRUENWALD PITUITARY FORCEPS 2 × 10MM
NL6147	LOVE-GRUENWALD PITUITARY FORCEP 2 × 10MM
NL3785	RHOTON MICRONEUROSURGICAL 19/SET

Note: list of instruments and microinstruments for macroscopic-microscopic dissection that we routinely use in the laboratory. Catalog V. Mueller Vernon Hills, Illinois, United States.

Vessel cannulation materials (Supplement 1B)

Material	Reference
VA cannula	Jet Tip Arterial Tube, 1/16" × 2" Probe Tip Curved, ART062–2-CPB Design & Mfg. Co. LLC, Bedford, United States, distributor Dodge Company, Billerica, United States.
CA cannula	4" Threaded Hub Carotid Tube, Medium 1/4," Instruments Design & Mfg. Co. LLC, Bedford, United States, distributor Dodge Company, Billerica, United States.
IJV cannula	4" Threaded Hub Carotid Tube, Large 5/16," Instruments Design & Mfg. Co. LLC, Bedford, United States, distributor Dodge Company, Billerica, United States.
Luer-lock adapters for cannula	Instruments Design & Mfg. Co. LLC United States, distributor Dodge Company, Billerica, United States.
Arterial fixation forceps with three holes	Instruments Design & Mfg. Co. LLC, Bedford, United States, distributor Dodge Company, Billerica, United States.

Abbreviations: CA, carotid arteries; IJV, internal jugular veins; VA, vertebral arteries.

Latex injection materials (Supplement 1C)

Material	Reference
Red latex for arteries	Red latex injection medium, CAROLINA, Burlington, United States
Blue latex for veins	Blue latex injection medium, CAROLINA, Burlington, United States
Red and blue dye to enhance latex color of red/blue latex	ChromaFlo, Ashtabula, United States 830–494 Cal-Tint II 16-Ounce Colorants Permanent Red ChromaFlo, Ashtabula, USA® 830–7216 Cal-Tint II 16-Ounce Colorants, Blue

Photography equipment (Supplement 1D)

Material	Reference
Photographic camera	Canon EOS 80D Canon Inc., Tokyo, Japan
Ring flash	Canon MR-14EX II Macro Ring Lite Flash, Canon Inc., Tokyo, Japan
Ring adapter for macrolens	Canon Macrolite Adapter 67 Canon Inc., Tokyo, Japan
100 mm macrolens	Canon EF 100mm f/2.8 Macro USM Fixed Lens Canon Inc., Tokyo, Japan
Three-way tripod head	Manfrotto MHXPRO-3W, Manfrotto, Cassola, Italy
Micrometric positioning sliding plate	Manfrotto 454, Manfrotto, Cassola, Italy
Canon RS-60E3 remote control	Canon Inc. Tokyo, Japan

3D Projection equipment (Supplement 1E)

Material	Reference
Active 3D projector	Optoma X600 XGA 6000 Lumen, Optoma, Taipei, Taiwan
Active glasses for 3D projector	DLP Link 3D Glasses, GooDee Ultra-Clear HD 144 Hz 3D Active Rechargeable Shutter Glasses, GooDee, United States
Handheld device to check 3D in any screen with a Powerpoint presentation	Pokescope Graphic Media Research, Cannon Falls, Minnesota, United States