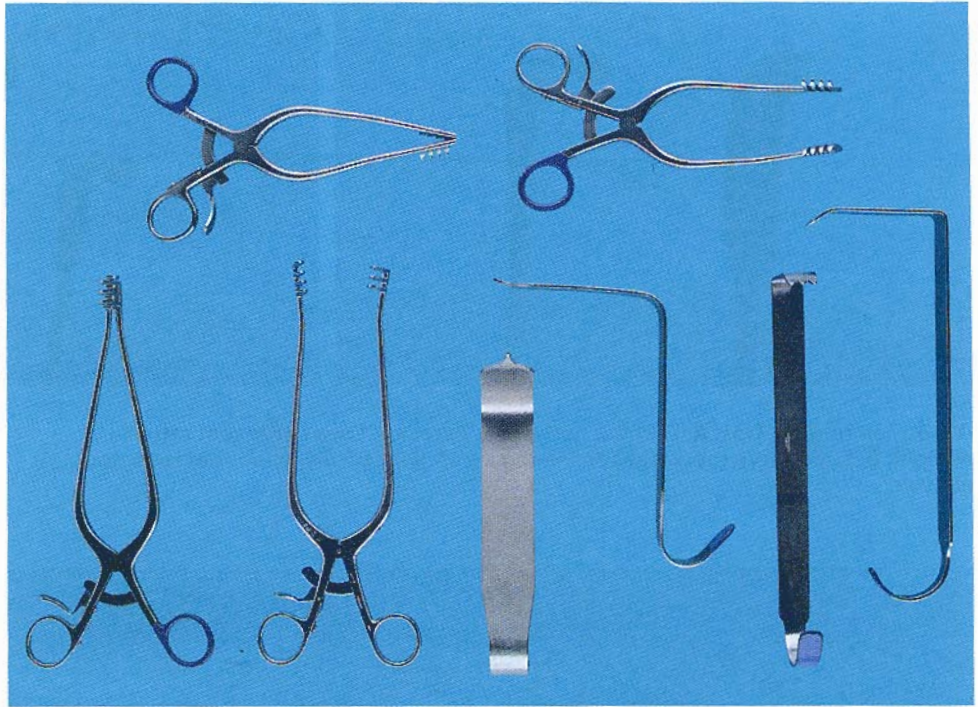


Williams Laminectomy Microretractors

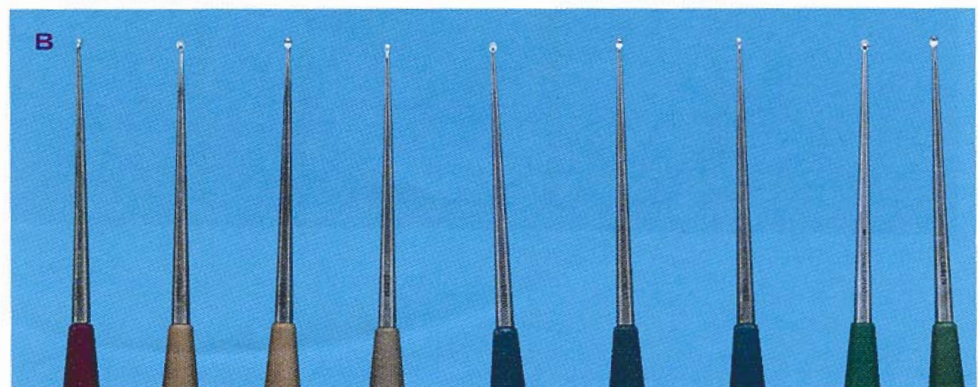
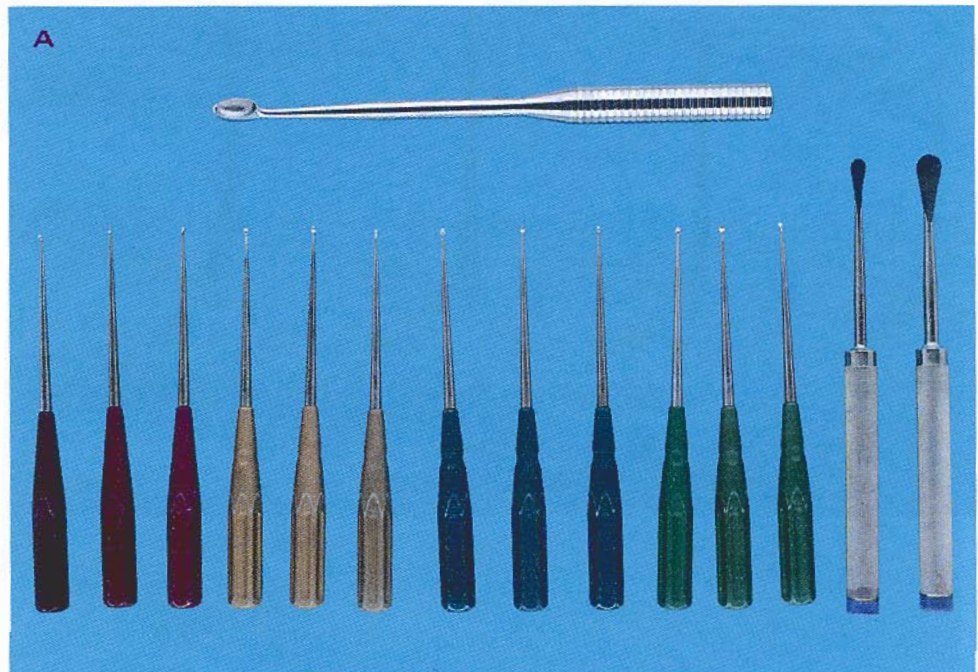


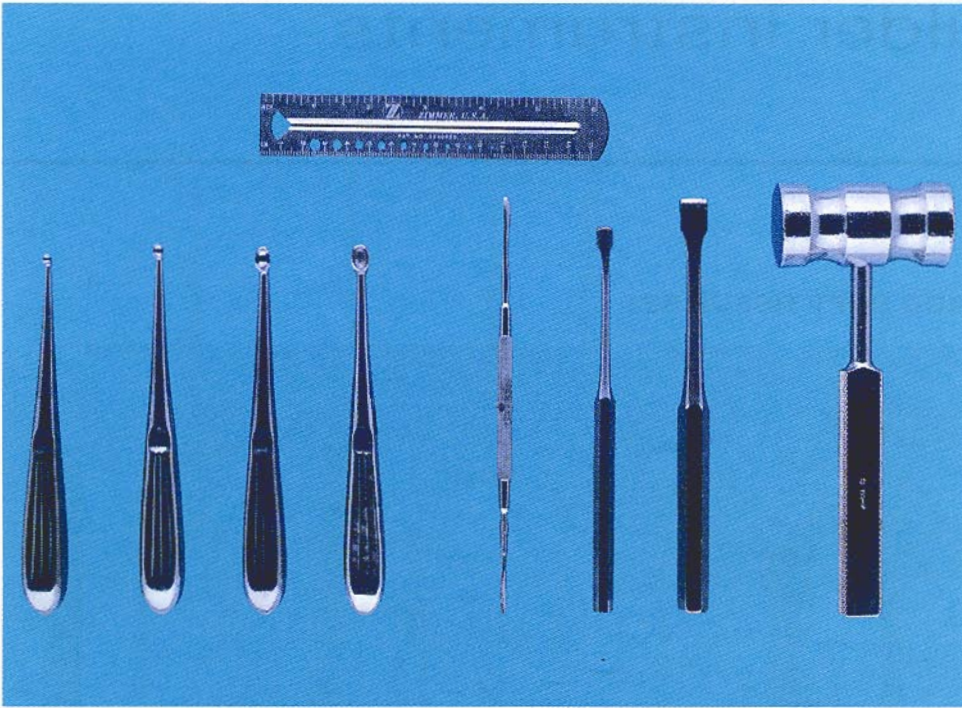
14-1 *Left to right, Williams laminectomy microretractors: short blade, right handed, back view; long blade, right handed, front view; long blade, left handed, front view.*

43-5 *Top*, 2 Adson cerebellar retractors, medium. *Bottom*, left to right, 2 Weitlaner retractors, straight, long; 2 Taylor spinal retractors: short, front view; long, side view; 2 Hibbs laminectomy retractors: narrow, front view; wide, side view.

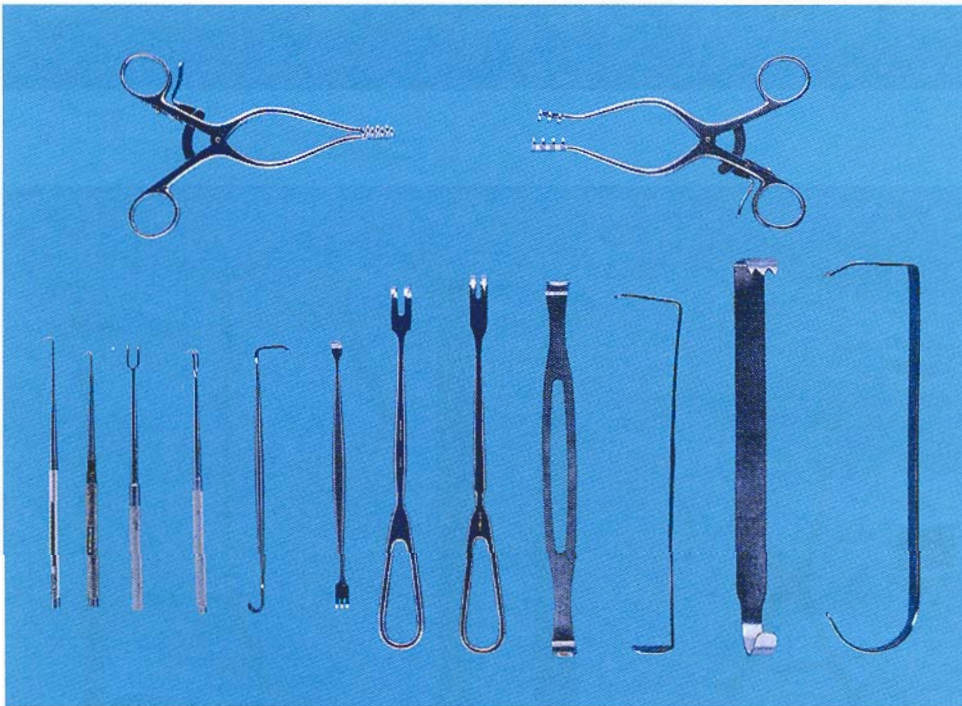


43-6 A, *Top*, 1 Mellon curette, long, large. *Bottom*, left to right, 3 curettes, size 4-0: reverse angled, angled, and straight; 3 curettes, size 2-0: reverse angled, angled, and straight; 3 curettes, size 3-0: reverse angled, angled, and straight; 3 curettes, size 0: reverse angled, angled, and straight; 1 Cobb spinal elevator, narrow; 1 Cobb spinal elevator, wide. **B**, *Left to right*, Curette tips: 1 4-0, straight; 3 2-0: reverse angled, angled, and straight; 3 3-0: reverse angled, angled, and straight; 2 0: reverse angled and straight.





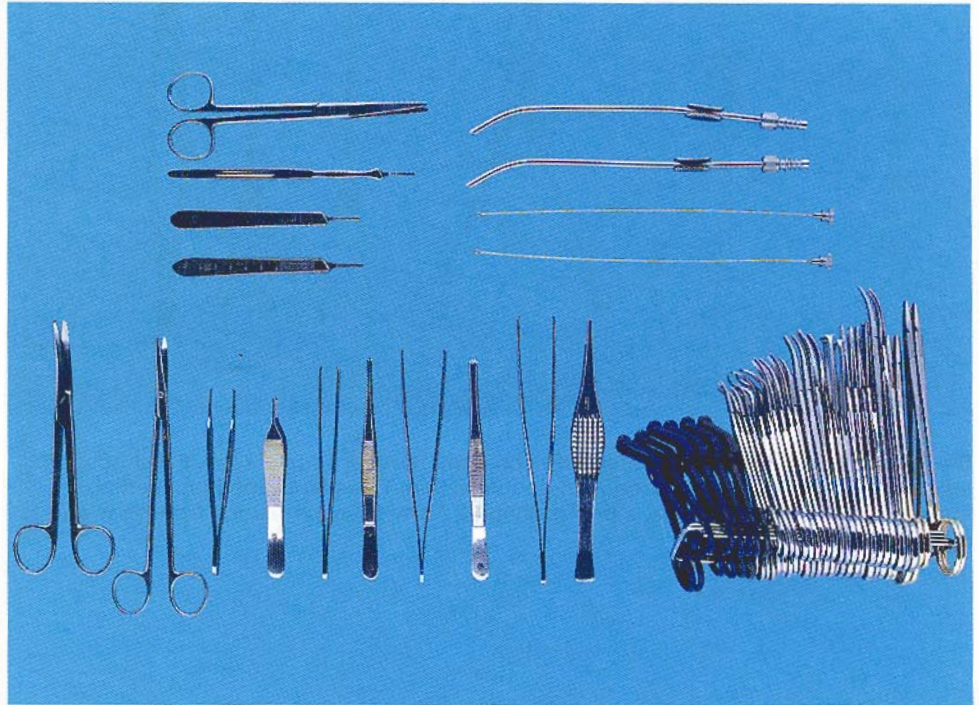
85-3 *Top*, 1 metal ruler, 6 inch. *Bottom, left to right*, 4 Spratt curettes, Nos. 2 to 5; 1 Freer elevator; 1 Key periosteal elevator, 1/4 inch; 1 Key periosteal elevator, 1/2 inch; 1 metal mallet.



85-4 *Top*, 2 Weitlaner retractors, sharp prong, medium. *Bottom, left to right*, 2 Joseph skin hooks, single prong, side view; 2 Joseph skin hooks, double prong, front view and side view; 2 Miller-Senn retractors, side view and front view; 2 Volkmann retractors, 2 prong, sharp; 2 Army-Navy retractors, front view and side view; 2 Hibbs laminectomy retractors, narrow, front view and side view.

Soft Tissue Set

85-1 *Left, top to bottom,* 1 Mayo dissecting scissors, straight; 1 Bard Parker knife handle, No. 7; 2 Bard Parker knife handles, No. 3. *Top right,* 2 Adson suction tubes, curved, with finger valve controls, and stylets. *Bottom, left to right,* 1 Mayo dissecting scissors, curved; 1 Metzenbaum scissors, 7 inch; 2 Adson tissue forceps with teeth (1 × 2), front view and side view; 2 thumb tissue forceps with teeth (1 × 2), front view and side view; 2 thumb tissue forceps with multiteeth (4 × 5), front view and side view; 2 Ferris-Smith tissue forceps, front view and side view; 6 paper drape clips; 4 Halstead mosquito hemostatic forceps, curved; 2 Backhaus towel forceps; 4 Crile hemostatic forceps, 5½ inch; 4 Crile hemostatic forceps, 6½ inch; 2 Allis tissue forceps; 4 Ochsner hemostatic forceps, short; 2 tonsil hemostatic forceps; 2 Crile-Wood needle holders, 6 inch; 2 Crile-Wood needle holders, 7 inch.



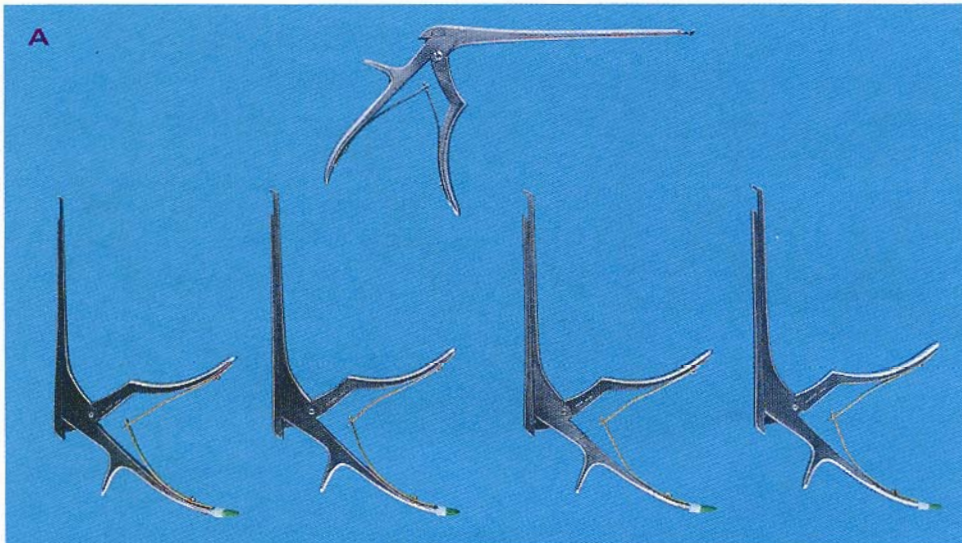
85-2 *Left to right,* 1 pliers; 1 Luer bone rongeur; 1 Adson rongeur, double action; 1 Ruskin-Liston bone-cutting forceps; 1 Smith-Peterson laminectomy rongeur.



Neuro Bone Pan Instruments



39-1 *Top, left to right, 1 Adson rongeur; 1 cup rongeur, 6 mm. Bottom, left to right, 1 Ruskin double-action rongeur, small straight; 1 Ruskin double-action rongeur, small curved; 1 Leksell rongeur, side curved; 1 Leksell rongeur, curved; 1 Smith-Peterson laminectomy rongeur.*



39-2 A, *Top, 1 Kerrison rongeur, 45 degree, 1 mm. Bottom, left to right, 4 Kerrison rongeurs, 45 degree: 2, 3, 4, and 5 mm.*
B, *Left to right, Tips: 5 Kerrison rongeurs, 45 degree, 1, 2, 3, 4, and 5 mm.*

