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Nota di contenuto	Part 1 Evolution of the Keyhole Concept: The MIN-Key Concept -- Recent Roots of MIN -- The Role of Ergonomics for MIN -- The Multimodal Key Techniques of MIN -- Laboratory Simulation and Training for MIN -- Laboratory Simulation and Training for MIN -- Scientific Preliminaries for MIN -- Part 2 Clinical Cases -- Subcortical Bleedings -- Ganglia Bleedings -- Ventricular Bleedings -- Deep Seated Parenchymal Bleedings -- Neuropsych Effective Bleedings -- Complex Cases -- Not Operated Cases -- Contraindications -- Extraparenchymal Bleeding Cases -- Future perspectives.
Sommario/riassunto	This is the first of four volumes that together elaborate on an advanced minimally invasive neurosurgery (MIN) technique for cerebral hemorrhages, which makes it possible to prevent secondary injury by the hematoma and to preserve neurological function and accelerate neuropsychological recovery after the evacuation. It describes in detail the theoretical, technical and training procedures necessary to carry out successful intracerebral hemorrhage evacuations using MIN techniques.

A combination of mouth-tracked microsurgery, neuro-sonography, neuro-endoscopy, LASER and sealing makes highly effective, minimally invasive evacuation of all types of hematomas possible. The MIN Key Concept, an advanced new model based on the Keyhole Concept and MIN techniques is also presented. Lastly, the scientific basics of MIN are discussed and summarized. A historical curriculum vitae is included in memory of the main pioneer of innovative MIN techniques, Prof. Axel Perneczky, to whom this book is dedicated.