Introduction to Microsurgery of the Third Ventricle, Pineal Region, and Tentorial Incisura

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This edition of the Video Supplement entitled “Microsurgery of the Third Ventricle, Pineal Region, and Tentorial Incisura" highlights approaches to accessing the third ventricle for surgical resection of a variety of pathologies. The third ventricle has critical neurovascular anatomy that must always be respected to prevent patient harm. Visualization of critical anatomy in three dimensions from a surgeon’s line of sight is important when planning the optimum surgical approach. Some of the keys to safely operating in this region include thoughtful head positioning, limitation of brain retraction, and the use of trajectories which capitalize on CSF cisterns and fissures. Some of the videos included in this volume illustrate standard operations while others depict more unique and innovative approaches that take advantage of these surgical windows. We hope you enjoy the videos included in this supplement.

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