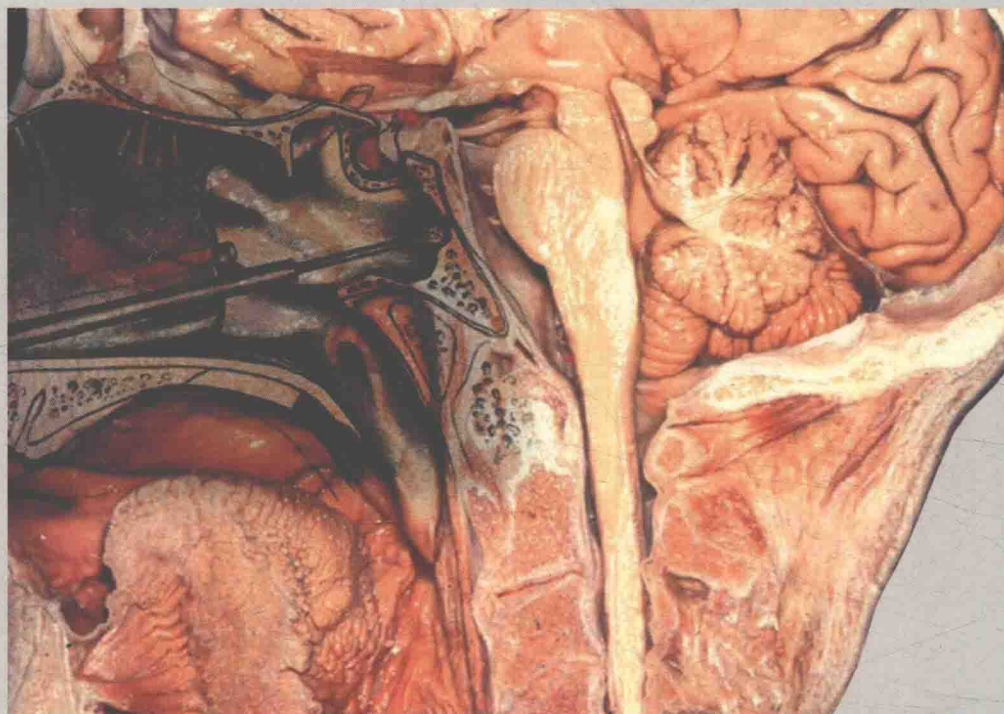


# Transnasal Endoscopic Skull Base and Brain Surgery

Tips and Pearls

# 经鼻内镜颅底和脑外科手术学 技巧与要点

Aldo Cassol Stamm



主编 [巴西] 奥尔多·卡瑟尔·斯坦姆  
主译 王金环

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## 技巧与要点

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# 中文版前言

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内镜神经外科已经成为微创神经外科最重要和最活跃的领域之一。其中,经鼻内镜颅底外科运用天然腔道,在不牵拉脑组织的情况下,能够充分暴露并最大限度地切除病变,具有微创、安全和术后恢复快的优势,可谓“洞虽小,乾坤乃大”。经鼻内镜颅底外科已获得越来越多的颅底外科医师的重视,必将成为未来颅底外科发展的趋势。我们有幸拜读了由巴西圣保罗联邦大学的奥尔多·卡瑟尔·斯坦姆教授主编的专著《经鼻内镜颅底和脑外科手术学:技巧与要点》,令我们感到由衷赞叹的是,斯坦姆教授在经鼻内镜入路进行颅底和脑外科手术的精准性和安全性。书中强调,经鼻内镜颅底外科及脑外科手术需要神经外科医师和耳鼻喉-头颈外科医师通力合作,并结合现代先进的影像学导航设备,进而使手术趋于完美。本书的亮点在于对颅底解剖的深入认识,这是神经外科医师和耳鼻喉-头颈外科医师开展颅底手术必须掌握的基础知识。书中大量的解剖学描述及精美的解剖图片都为我们开展此项工作提供了有益的参考。我们在翻译校对斯坦姆教授的著作中,逐字逐句反复推敲,以如实反映原著精髓。在这个过程中,我们更能体会到斯坦姆教授严谨的治学态度和追求完美的高尚情操。

我国经鼻内镜入路颅底外科近年来也取得了长足的进步,但不得不承认与国际先进水平相比还有所差距,特别是在颅底重建方面差距更大。我们希望将该著作介绍给国内广大同仁,以期对我国神经外科经鼻内镜入路颅底外科手术的普及和发展有所帮助。

该著作适合于神经外科医师、耳鼻喉-头颈外科医师、临床解剖学学者及研究生、博士生等阅读。由于译者的水平有限,译著中难免会有不当之处,而未能达到原著的完美程度,敬请广大同仁批评指正。

# 序 言

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奥尔多·卡瑟尔·斯坦姆教授是世界最著名的内镜外科医师之一。《经鼻内镜颅底和脑外科手术学：技巧与要点》一书展现了其追求完美的精神，并在“技巧与要点”一栏中呈现开创性理念。莱昂纳多·达芬奇、米开朗基罗及其他许多伟大的艺术家都将学习人体解剖学作为一种追求艺术完美的途径。斯坦姆教授与其他作者在显微外科实验室花费大量的时间进行了精细、准确的颅底解剖，以便于改善患者的生存质量。非常感谢斯坦姆教授，正是因为他数月以来夜以继日的工作，本书的很多章节才能展现出大量的几近完美的颅底解剖。除此之外，本书中用到的部分解剖图片由我们实验室中国际一流的神经外科解剖专家所提供，并得到了国际一流的耳鼻喉-头颈外科专家的进一步润色。

本书代表了像斯坦姆教授一样的外科医师应用内镜入路完成颅底和脑手术时所能达到的精确性和安全性的水平。本书重点强调安全正确的内镜入路，这就要整合现代技术进展的信息，比如三维重建和导航（导航大大提高了内镜手术的安全性）。本书介绍了鞍区和颅底所有内镜入路手术可能遇到的各种病变，并为处理复杂手术中遇到的并发症提供了指导方案，不仅包含颅底手术的发展历史和现状，还指出了其发展的前景。总之，本书结合斯坦姆教授多年内镜颅底手术的经验，以技巧和要点的方式展现出来。这项伟大的、具有先驱意义的工作反映出其在颅底和脑内镜手术中追求完美的精神。本书是斯坦姆教授献给处理这个复杂区域病变的所有医师的一份精妙绝伦的礼物。

艾伯特·L.罗顿

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# 前 言

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近年来,颅底疾病的诊断和治疗发生了显著的变化,并将神经外科和耳鼻喉-头颈外科结合起来。本领域的快速发展对于耳鼻喉科医师和神经外科医师掌握最新的技术来说是一项挑战。书中介绍了可用于颅底病变的各种手术入路。书中各章节由世界各地经验丰富的医疗团队完成,包括微创外科和外科解剖学、放射学、麻醉学、内分泌学,以及经鼻内镜辅助入路到达前颅窝、中颅窝、后颅窝、颧骨和颞下窝所有手术方式基础知识和最新进展。此外,对扩大的手术入路,如颅颈交界区和岩骨尖部病变的手术入路也有介绍,而且对重建技术进行了重点强调。

虽然我们的目的不是为了说明所有颅底病变均可采用经鼻内镜手术治疗,但是我们不能否认,这一手术方式对于治疗鞍区及鞍旁病变、脑脊液漏和恶性肿瘤的重要性。

这些章节可以作为年轻神经外科医师和耳鼻喉科医师参考的教科书使用。我们希望这些对颅底和鼻科学的理解可作为外科医师的日常工作指南,促进外科医师日常工作的发展并建立起学科内和多学科间的联系。

# 致 谢

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尽管不能够一一列出所有对本书做出贡献的工作人员的名字,在此,我谨对所有参与本书编写的各位同仁表示衷心的感谢;特别感谢那些为本书的出版付出努力的人们。

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将此书献给我的家人：我挚爱的妻子 Dagmar，我的两个孩子 Raquel 和 Guilherme，感谢他们在本书的编写过程中给予我的支持与关爱！

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