

# Позвоночник

## Хирургическая анатомия и оперативная техника

# Surgical Anatomy & Techniques to the Spine

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SECOND EDITION

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## Хирургическая анатомия и оперативная техника

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Издание посвящено вопросам оперативной анатомии и хирургической техники в современной вертебрологии. Помимо описания классических вмешательств на позвоночнике, авторы подробно освещают применение новых инструментов и минимально инвазивные методики, технику вмешательств при травме и ранениях, а также особенности оперативного лечения ортопедических, онкологических, сосудистых и инфекционных заболеваний позвоночника. Особое внимание уделено таким сложным зонам, как затылочно-шейное сочленение, шейно-грудной и грудопоясничной сегменты. Книга содержит более 1000 высококачественных иллюстраций.

Книга предназначена для нейрохирургов, ортопедов и травматологов.

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# Предисловие

Хирургия позвоночника основана на понимании анатомии и хирургической техники. С применением новых инструментов и минимально инвазивных методик в XXI веке хирургия позвоночника весьма усложнилась. Начиная от затылочно-шейного спондилодеза и до фиксации крестцово-подвздошного сочленения, современный хирург-вертебролог сталкивается с огромным разнообразием хирургических ситуаций. Вместе с тем, вертебрологи, как и их коллеги вынуждены прилагать все силы, чтобы не отставать от быстрых темпов развития технологического оснащения в этой области. Постоянно увеличивающееся разнообразие способов хирургического лечения повреждений и заболеваний позвоночника делают процесс принятия решений, касающихся какого-либо конкретного подхода, процедуры или технологии, все более и более сложным.

Помимо появления нового инструментария, все большее распространение в хирургии позвоночника получают новые минимально инвазивные методики. Разрезы уменьшаются, что вынуждает хирургов-вертебрологов оперировать через относительно небольшой доступ, а, следовательно, в условиях ограниченной видимости. Без выделения прилежащих анатомических структур применение таких методик может оказаться весьма сложной задачей. Подобные сложности возникают не только при

декомпрессии, но и при чрескожном размещении инструментов.

Такие инструменты и методики в настоящее время начинают применяться у все возрастающего числа пациентов. Инструменты хирурга-вертебролога используются не только при травмах или дегенеративных заболеваниях, но и все чаще применяются при опухолевых или инфекционных процессах.

В свете многочисленных нововведений, весьма актуально современное описание затылочно-шейного спондилодеза, включая технику установки шейных пластин, наряду с атланта-аксиальной фиксацией. Кроме того, здесь представлен обзор шейно-грудного и груднопоясничного сочленений, так как эти переходные зоны вызывают еще большие сложности. Наконец, появление длинных конструкций для остеосинтеза, сделало возможной фиксацию крестцово-подвздошного сочленения, что также нашло отражение в этом издании.

При освоении новых инструментов или минимально инвазивных методик хирург-вертебролог должен основываться на знаниях анатомии и технических приемов. Таким образом, подобные существенно важные вопросы в хирургии позвоночника рассматриваются как арсенал, необходимый хирургу, приступающему к изучению более сложных актуальных проблем сегодняшнего дня.

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*Thoracoabdominal Approach to the Thoracolumbar Junction*  
*Surgical Decompression and Stabilization for Lumbar Lesions:  
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